



# Open Source Used In Weekly Nexus Dashboard Orchestrator 4.0.1a

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**1.564 pkg\_resources 0.0.0**

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**1.565 idna 3.3**

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**1.578 glob 0.2.3**  
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**1.580 gokrb5 8.4.2**  
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**1.586 shadow 4.8.1-1ubuntu5.20.04.2**  
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**1.587 libnsl 2.31**  
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**1.588 logr 1.2.3**  
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**1.590 klauspost-compress 1.14.2**  
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**1.591 otel-sdk-metric 0.27.0**  
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**1.592 x-mod 0.6.0-dev.0.20220419223038-86c51ed26bb4**  
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**1.599 keyutils 1.6-6ubuntu1.1**

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**1.600 otel-sdk 1.4.0**

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**1.601 otel-trace 1.4.0**

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**1.602 go.opentelemetry.io-otel 1.4.0**

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**1.603 otel-exporters-otlp-otlpmetric 0.27.0**

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**1.604 otel-exporters-otlp-otlpmetric-otlpmetricgrpc 0.27.0**

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**1.605 x-tools 0.1.11**

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**1.612 xz 5.2.4 1ubuntu1.1**

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**1.613 curl 7.68.0 1ubuntu2.11**

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- 1.617 python-certifi 2020.12.05**
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- 1.623 python-requests 2.28.1**
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- 1.624 x-sys 0.0.0-20220422013727-9388b58f7150**
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- 1.625 colorama 0.4.5**
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- 1.626 x-xerrors 0.0.0-20220411194840-2f41105eb62f**
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- 1.628 urllib3 1.26.10**
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- 1.629 python-json-logger 2.0.4**
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- 1.630 netty v4.0.51.Final**
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- 1.631 python-regex 0.1.20190819-2build1**
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- 1.632 kubernetes-klog 2.40.0**
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**1.635 go-openapi 0.20.0**

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**1.636 properties 1.8.6**

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**1.638 golangci-golangci-lint 1.45.2**

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**1.640 ply 3.11-3ubuntu0.1**

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**1.649 e2fsprogs 1.45.5 2ubuntu1.1**

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**1.650 urllib3 1.26.11**

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**1.652 golang-genproto 0.0.0-20220407144326-9054f6ed7bac**

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- 1.653 kubernetes-api v0.21.4**
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- 1.655 bzip2 1.0.8 2**
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- 1.656 util-linux 2.34 0.1ubuntu9.3**
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- 1.657 acl 2.2.53 6**
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- 1.658 pcre 8.39-12ubuntu0.1**
- 1.658.1 Available under license
- 1.659 audit 2.8.5-2ubuntu6**
- 1.659.1 Available under license
- 1.660 readline 8.0-4**
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# 1.1 libjpeg 6b

## 1.1.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

## 1.1.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

=====

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net) to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

## DOCUMENTATION

### ROADMAP

=====

This file contains the following sections:

OVERVIEW        General description of JPEG and the IJG software.  
LEGAL ISSUES    Copyright, lack of warranty, terms of distribution.  
REFERENCES     Where to learn more about JPEG.  
ARCHIVE LOCATIONS Where to find newer versions of this software.  
RELATED SOFTWARE Other stuff you should get.  
FILE FORMAT WARS Software \*not\* to get.  
TO DO           Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc    How to configure and install the IJG software.  
usage.doc      Usage instructions for cjpeg, djpeg, jpegtran,  
                 rdjpgcom, and wrjpgcom.  
\*.1            Unix-style man pages for programs (same info as usage.doc).  
wizard.doc     Advanced usage instructions for JPEG wizards only.  
change.log     Version-to-version change highlights.

Programmer and internal  
documentation:

libjpeg.doc    How to use the JPEG library in your own programs.  
example.c      Sample code for calling the JPEG library.  
structure.doc   Overview of the JPEG library's internal structure.  
filelist.doc   Road map of IJG files.  
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

## OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression



method for full-color and gray-scale images.

JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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In plain English:

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assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

## REFERENCES

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We

highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department  
C-Cube Microsystems, Inc.  
1778 McCarthy Blvd.  
Milpitas, CA 95035  
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

## ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrvc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact [help@uunet.uu.net](mailto:help@uunet.uu.net) for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only <ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12

"JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu) with body  
send usenet/news.answers/jpeg-faq/part1  
send usenet/news.answers/jpeg-faq/part2

## RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,  
notably <ftp://wuarhive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

## FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a

concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

# 1.2 javax-inject 1

## 1.2.1 Available under license :

Apache License

Version 2.0, January 2004

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## 1.3 junit 4.10

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Any executables

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compiler/cpp/src/generate/t\_csharp\_generator.cc  
compiler/cpp/src/generate/t\_erl\_generator.cc  
compiler/cpp/src/generate/t\_hs\_generator.cc  
compiler/cpp/src/generate/t\_java\_generator.cc  
compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs

lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

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```
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Deflate.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Inflate.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/ZStream.java
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\* /opt/cola/permits/127992493\_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Tree.java  
\* /opt/cola/permits/127992493\_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/ZStreamException.java  
\* /opt/cola/permits/127992493\_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/StaticTree.java  
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```
zip/com/jcraft/jzlib/GZIPOutputStream.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Inflater.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-
zip/com/jcraft/jzlib/DeflaterOutputStream.java
*
/opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/ZInputStream.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/ZOutputStream.java
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* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-
zip/com/jcraft/jzlib/InflaterInputStream.java
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* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/CRC32.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/InfBlocks.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Checksum.java
* /opt/cola/permits/127992493_1695293957.3536224/0/jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Deflater.java
```

## 1.11 bouncy-castle 1.56

### 1.11.1 Available under license :

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The following organisations and people have contributed to the Bouncy Castle Cryptography Package.

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Thanks, may your castles never deflate!

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- Carlos Valiente <superdupont@gmail.com> - Addition of CRL writing to the PEMWriter class.
- Keyon AG, Martin Christinat, <a href="http://www.keyon.ch">http://www.keyon.ch</a> - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
- Olaf Keller, <olaf.keller.bc@bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
- Jörg Eichhorn <eichhorn@ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
- Karsten Ohme <widerstand@t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
- Carlos Lozano Ruiz <carlos@tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
- John Alfred Prufrock <j.a.prufrock@gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.
- Stefan Neusatz Guilhen <sneusatz@gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
- Marzio Lo Giudice <marzio.logiudice@gmail.com> - fix to endianness in KDF2BytesGenerator, additional KDF2 tests.
- Georg Lippold <georg.lippold@gmx.de> - initial implementation of NaccacheStern cipher.
- Chris Viles <chris\_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.
- Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.
- Lijun Liao <lijun.liao@rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.
- Maria Ivanova <maria.ivanova@gmail.com> - support for tags > 30 in ASN.1 parsing.
- Armin H&auml;berling <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.
- Marius Schilder <mschilder@google.com> - main set of test vectors for Bleichenbacher's forgery

attack.</li>

- <li>Xavier Le Vouch <xavier&#064brittanysoftware.com>  
- general code clean ups.</li>
- <li>Erik Tews <e\_tews&#064cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding</li>
- <li>Thomas Dixon <reikomusha&#064gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.</li>
- <li>Frank Cornelis <info&#064frankcornelis.be>- addition of crlAccessMethod in X509ObjectIdentifiers.</li>
- <li>Rui Joaquim <rjoaquim&#064cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.</li>
- <li>David Stacey <DStacey&#064allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.</li>
- <li>Martijn Brinkers <list&#064mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.</li>
- <li>Julius Davies <juliusdavies&#064gmail.com> - additional modes and algorithm support in PEMReader</li>
- <li>Matthias <g&#064rtner.de> - GnuPG compatibility changes for PBEFileProcessor.</li>
- <li>Olga  
K&auml;thler <olga.kaethler&#064hjp-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.</li>
- <li>Germano Rizzo <germano.rizzo&#064gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.</li>
- <li>N&uacute;ria Mar&iacute; <numaa&#064hotmail.com> - patch for alternate data type recognition in CMSSignedDataParser.</li>
- <li>Janis Schuller <js&#064tzi.de> - addition of NotationData packets for OpenPGP.</li>
- <li>Michael Samblanet <mike&#064samblanet.com> - patches towards improved Sun/default provider support in CMS.</li>
- <li>Mike StJohns <mstjohns&#064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA.</li>
- <li>Ramon Keller <ramon.keller&#064gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.</li>
- <li>Mark Nelson <mark&#064nbr.com>  
- correction to excluded DN in name constraints processing for PKIX processing.</li>
- <li>Eugene Golushkov <eugene\_gff&#064ukr.net> - mask fix to single byte read in TlsInputStream.</li>
- <li>Julien Pasquier <julienpasquier&#064free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.</li>
- <li>Peter Knopp <pknopp&#064mtg.de> - fix for named curve recognition in ECGOST key generation.</li>
- <li>Jakub Gwozdz <gwozdz&#064rpg.pl> - addition of getTsa() to TimestampTokenInfo.</li>
- <li>Bartosz Malkowski <bmalkow&#064tigase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.</li>
- <li>Tal Yacobi <tal.yacobi&#064octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].</li>
- <li>Massimiliano Ziccardi <massimiliano.ziccardi&#064gmail.com> - support for counter signature reading in CMS API, update for multiple counter signature attributes.</li>
- <li>Andrey Pavlenko <andrey.a.pavlenko&#064gmail.com>  
- security manager patch for PKCS1Encoding property check.</li>
- <li>Mike StJohns <mstjohns&#064comcast.net> - updates to KeyPurposeId</li>
- <li>J Ross Nicoll <jrn&#064jrm.me.uk> - improved exception handling for getInstance() in ASN.1 library.</li>
- <li>Matthew Stevenson <mavricknz&#064yahoo.com> - patch to construtor for CRMF CertSequence.</li>
- <li>Gabriele Contini <gcontini&#064hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.</li>

- <li>Roelof Naude <roelof.naude@epiuse.com> - patch for TLS client to send empty client certs in response to HP\_CERTIFICATE\_REQUEST.</li>
- <li>Patrick Peck <peck@signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.</li>
- <li>Michael LeMay <lemaymd@lemaymd.com> - identified problem with EAX [#BJA-93].</li>
- <li>Alex Dupre <ale@FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]</li>
- <li>Michael Schoene <michael@sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().</li>
- <li>Ion Larrañaga <ilarra@s21sec.com> fix to default partial packet generation in BCPGOutputStream.</li>
- <li>Bob Kerns <bob.kerns@positscience.com> fix to hashCode for X509CertificateObject.</li>
- <li>Stefan Meyer <stefan.meyer@ewe.de> backport for PKIXCertPathValidator and SMIMESignedMailReviewer.</li>
- <li>Robert J. Moore <Robert.J.Moore@allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.</li>
- <li>Rui Hodai <rui@po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.</li>
- <li>Emir Bucalovic <emir.bucalovic@mail.com> initial implementation of Grain-v1 and Grain-128.</li>
- <li>Torbjorn Svensson <tobbe79@gmail.com> initial implementation of Grain-v1 and Grain-128.</li>
- <li>Paul FitzPatrick <bouncycastle\_pfitz@fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>
- <li>Henrik Andersson <k.henrik.andersson@gmail.com> addition of UniqueIssuerID to certificate generation.</li>
- <li>Cagdas Cirit <cagdas@irit@gmail.com> subjectAlternativeName fix for x509CertStoreSelector.</li>
- <li>Harakiri <harakiri\_23@yahoo.com> datahandler patch for attached parts in SMIME signatures.</li>
- <li>Pedro Henriques <pmahenriques@gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEP encoding.</li>
- <li>Lothar Kimmeringer <job@kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.</li>
- <li>Richard Farr <rfarr.se@gmail.com> initial SRP-6a implementation.</li>
- <li>Thomas Castiglione <castiglione@au.ibm.com> patch to encoding for CRMF OptionalValidity.</li>
- <li>Elisabetta Romani <eromani@sogei.it> patch for recognising multiple counter signatures.</li>
- <li>Robin Lundgren <r737lundgren@gmail.com> CMPCertificate constructor from X509CertificateStructure fix.</li>
- <li>Petr Kadlec <mormegil@centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.</li>
- <li>Andreas Antener <antener\_a@gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
- <li>Harendra Rawat <hsrawat@yahoo.com> fix for BERConstructedOctetString.</li>
- <li>Rolf Lindemann <lindemann@trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].</li>
- <li>Alex Artamonov <alexart.home@gmail.com> name look up patch for GOST-2001 parameters.</li>
- <li>Mike Lyons <mlyons@layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
- <li>Chris Cole <chris\_h\_cole@yahoo.com> identified a problem handling null passwords when loading a BKS keystore.</li>

- <li>Tomas Krivanek <tom&#064ataack.cz> added checking of Sender header to SignedMailValidator.</li>
- <li>Michael <emfau&#064t-online.de> correction of field error in getResponse method in CertRepMessage.</li>
- <li>Trevor Perrin <trevor&#064cryptography.com> addition of constant time equals to avoid possible timing attacks.</li>
- <li>Markus Kil&aring;s <markus&#064primekey.se> several enhancements to TimeStampResponseGenerator.</li>
- <li>Dario Novakovic <darionis&#064yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.</li>
- <li>Michael Smith <msmith&#064cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
- <li>Andrea Zilio <andrea.zilio&#064gmail.com> fix for PEM password encryption of private keys.</li>
- <li>Alex Birkett <alex&#064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].</li>
- <li>Wayne Grant <waynedgrant&#064gmail.com> additional OIDs for PKCS10 and certificate generation support.</li>
- <li>Frank Cornelis <info&#064frankcornelis.be> additional support classes for CADES, enhancements to OCSP classes.</li>
- <li>Jan Dittberner <jan&#064dittberner.info> addHeader patch for SMIME generator.</li>
- <li>Bob McGowan <boab.mcgoo&#064btinternet.com> patch to support different content and mgf digests in PSS signing.</li>
- <li>Ivo Matheis <i.matheis&#064seeburger.de> fix to padding verification in ISO-9796-1.</li>
- <li>Marco Sandrini <nessche&#064gmail.com> patch to add IV to ISO9797Alg3Mac.</li>
- <li>Alf Malf <alfilmalf&#064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.</li>
- <li>Alfonso Massa <alfonso.massa&#064insiel.it> contributions to CMS time stamp classes.</li>
- <li>Giacomo Boccardo <gboccardo&#064unimaticaspa.it> initial work on CMSTimeStampedDataParser.</li>
- <li>Arnis Tartu <arnis&#064ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.</li>
- <li>Janusz Sikocinski <J.Sikocinski&#064gdzie.pl> addition of Features subpacket support to OpenPGP API.</li>
- <li>Juri Hudolejev <jhudolejev&#064gmail.com> JavaDoc fix to CMSSignedDataParser.</li>
- <li>Liane Velten <liane.velten&#064hjp-consulting.com> fine tuning of code for DHParameters validation.</li>
- <li>Shawn Willden <swillden&#064google.com> additional functionality to PGPKKeyRing.</li>
- <li>Atanas Krachev <akrachev&#064gmail.com> added support for revocation signatures in OpenPGP.</li>
- <li>Mickael Laiking <mickael.laiking&#064keynectis.com> initial cut of EAC classes.</li>
- <li>Tim Buktu <tbuktu&#064hotmail.com> Initial implementation of NTRU signing and encryption.</li>
- <li>Bernd <rbernd&#064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.</li>
- <li>Steing Inge Morisbak <stein.inge.morisbak&#064BEKK.no> Test code for lower case Hex data in PEM headers.</li>
- <li>Andreas Schmid <andreas.schmid&#064tngtech.com> Additional expiry time check in PGPPublicKeys.</li>
- <li>Phil Steitz <phil.steitz&#064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.</li>
- <li>Ignat Korchagin <ignat.korchagin&#064gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.</li>
- <li>Petar Petrov <p.petrov&#064bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.</li>
- <li>Daniel Fitzpatrick <daniel.f.nwr&#064gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>
- <li>Andy Neilson <Andy.Neilson&#064quest.com>a further patches to deal with multiple providers and

PEMReader.</li>  
<li>Ted Shaw <xiao.xj&#064gmail.com> patch to MiscPEMGenerator for handling new  
PKCS10CertificationRequests.</li>  
<li>Eleriseth <Eleriseth&#064WPECGLtYbVi8Rl6Y7Vzl2Lvd2EUVW99v3yNV3IWROG8.fms> speed up for  
SIC/CTR mode. Provider compatibilty generalisations for EC operations.</li>  
<li>Kenny Root <kenny&#064the-b.org> patch for issuerAltName, subjectAltName support in  
X509CertificateObject, BaseBlockCipher.getIV()  
patch for AEAD.</li>  
<li>Maarten Bodewes <maarten.bodewes&#064gmail.com> initial implementation of HKDF and NIST SP 800-108  
MAC based KDF functions.</li>  
<li>Philip Clay <pilf\_b&#064yahoo.com> Initial implementation of J-PAKE.</li>  
<li>Brian Carlstrom <bdc&#064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes,  
miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>  
<li>Samuel Lid&eacute;n Borell <samuel&#064primekey.se> patch to add DSTU-4145 to  
DefaultSignatureAlgorithmFinder</li>  
<li>Sergio Demian Lerner <sergiolerner&#064certimix.com> pointing out isInfinity issue in ECDSASigner  
signature verification.</li>  
<li>Tim Whittington <Tim.Whittington&#064orionhealth.com> patch to remove extra init call in CMac, additional  
of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset  
processing in OCB, CCM, and block cipher reset. Initial implementation  
of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates.  
Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM,  
provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and  
subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for  
AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt,  
PGP API documentation and code quality work.</li>  
<li>Marcus Lundblad <marcus.lundblad&#064primekey.se> patch for working around JDK jarsigner TSP bug,  
optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp  
token generation.</li>  
<li>Andrey Zhozhin <zhozhin&#064xrm.ru> patch for override of TSP SignerInfo attributes.</li>  
<li>Sergey Tiunov <t5555d&#064gmail.com> initial cut of DVCS classes.</li>  
<li>Damian  
Kolasa <fatfredyy&#064gmail.com> ASN1Sequence patch for class cast issue in X9Curve.</li>  
<li>Ash Hughes <ashley.hughes&#064blueyonder.co.uk> patches for supporting  
PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for  
PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>  
<li>Daniel Hirscher <dev&#064daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM  
files.</li>  
<li>Daniele Ricci <daniele.athome&#064gmail.com> initial implementation of EC keys for OpenPGP and  
RFC6637 support.</li>  
<li>Matti Aarnio <matti.aarnio&#064methics.fi> tweaks to any build to remove dependence on shell scripts. Initial  
SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.</li>  
<li>Babak Najafi <bnajafi&#064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.</li>  
<li>Eric Mueller <eric.mueller&#064sage.de> additional standard algorithm name lookups in  
JcaPEMKeyConverter.</li>  
<li>Mathias  
Herberts <Mathias.Herberts&#064gmail.com> fix to inOff usage in RFC3394WrapEngine.</li>  
<li>Daniil Ivanov <daniil.ivanov&#064gmail.com> addition of provider support for GOST HMAC

SecretKeyFactory.</li>  
<li>Daniele Grasso <daniele.grasso86&#064gmail.com> contributions to final Key calculation code for SRP6.</li>  
<li>Andrey Utkin <cindrhc&#064gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.</li>  
<li>Arnis Tartu <arnis&#064ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li>  
<li>AxelVDB <axel-vdb&#064riseup.net> initial implementation of Shacal2.</li>  
<li>Roberto Tyley <> further work on completing gradle build.</li>  
<li>Waldemar Dick <wdick&#064devmue.de> code improvement in x500 ASN.1 package.</li>  
<li>Sid Steward <sid.steward&#064pdflabs.com> code improvements to ASN1Boolean.</li>  
<li>Alex Klyubin <klyubin&#064google.com> AlgorithmParameters check for EC key agreement.</li>  
<li>Jonathan Gillett  
<gsoc.student&#064gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.</li>  
<li>Andreas Reiter <andreas.reiter&#064iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.</li>  
<li>Kieran Miller <kieran.miller&#064gmail.com> initial implementation for RFC 5649 key wrap with padding.</li>  
<li>Oliver Ehli<ehli&#064arago.de> Additional support for BSI plain ECDSA in the provider.</li>  
<li>Daniel Heldt<Daniel.Heldt&#064cryptovision.com> Initial support for encodable state message digests</li>  
<li>Robert Bushman <bouncycastle&#064traxel.com> Clean up of DirectKeySignature example.</li>  
<li>Maurice Aarts<aarts&#064riscure.com> updated to KDF generator to follow NIST SP 800-108.</li>  
<li>Franziskus Kiefer<https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.</li>  
<li>KB Sriram<mail\_kb&#064yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.</li>  
<li>Marco  
Schulze<marco&#064nightlabs.de> Reported verification bug in GenericSigner.</li>  
<li>Martin Schaef<https://github.com/martinschaef> contributed a code-cleanup patch.</li>  
<li>Lijun Liao<&jun.liao&#064gmail.com>; addition of getSignatureAlgorithmID to BasicOCSPResp.</li>  
<li>dstutz<https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.</li>  
<li>Tobias Wich<tobias.wich&#064ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.</li>  
<li>Hauke Mehrtens<hauke&#064hauke-m.de> TLS patch to add ECDHE\_ECDSA CCM ciphersuites from RFC 7251.</li>  
<li>Daniel Zimmerman<dmz&#064galois.com> Further key quality improvements to RSAKeyPairGenerator.</li>  
<li>Jens Kapitzka<tj.kapitzka&#064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.</li>  
<li>Johan Eklund<johan&#064primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.</li>  
<li>nikosn<https://github.com/nikosn>  
Fix to encoding of EC private keys to ensure encoding matches order length.</li>  
<li>Axel von dem Bruch <axel-vdb&#064riseup.net> Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.</li>  
<li>Derek Atkins <derek&#064ihtfp.com> Documentation fixes to X9ObjectIdentifiers.</li>  
<li>Peter Jr Halicky <peto&#064halicky.sk> Correction to notification/error message handling in SignedMailValidator.</li>  
<li>lartiguePierre<https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.</li>  
<li>Thomas Belot<thomas.belot+BC&#064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.</li>  
<li>Rich DiCroce<https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API

- extension to support non-blocking usage.</li>
- <li>Bj&ouml;rjn Kautler<https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).</li>
- <li>Dominik Sch&uuml;rman<https://github.com/dschuermann> method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.</li>
- <li>Michael <MSKnete&#064web.de> initial fix for bitStrength issue for OpenPGP EC keys.</li>
- <li>Tobias Wagner <tobias.wagner&#064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].</li>
- <li>Sergio Giro <sgiro&#064google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>
- <li>bschuette<https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.</li>
- <li>Leonard Dallot<https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>
- <li>Jan Willem Janssen <j.w.janssen+bouncycastle&#064xtreme.nl> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.</li>
- <li>Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.</li>
- <li>Kai Kramer <kai.kramer&#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.</li>
- <li>Benoit Charles <benoit.charles&#064opentrust.com> Fix for IES data length check on decryption.</li>
- <li>Niko <nfink95&#064gmail.com> fix to cast issue in getOutputSize() for ECIES.</li>
- <li>akwizgran<https://github.com/akwizgran> Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for variant keys.</li>
- <li>Matthias Edelhoff <Matthias.Edelhoff&#064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.</li>
- <li>Lukasz Deputat <lukasz.deputat&#064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].</li>
- <li>Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.</li>
- <li>Andr&eacute; Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi</li>
- <li>Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.</li>
- <li>Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.</li>
- <li>William Glanton <wglanton77&#064gmail.com> Fixed bug in Poly1305 [#BJA-620].</li>
- <li>jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.</li>
- <li>Joseph Naegele <jnaegele@grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.</li>
- <li>Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.</li>
- <li>The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.</li>
- <li>The Intel Security Team <> analysis detecting the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine.</li>

</html>

# 1.12 httpcomponents-core 4.4.4

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## 1.16 aspect-j 1.8.13

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\* \*\*\*\*\*/  
package org.aspectj.internal.lang.annotation;

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## 1.34 jcl-over-slf4j 1.7.26

## 1.35 jul-to-slf4j 1.7.26

## 1.36 jetty-continuation 9.4.18.v20190429

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## 1.38 commons-pool 2.6.2

# 1.39 npth 1.6 1

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Upstream-Contact: Werner Koch <wk@gnupg.org>

Source: <ftp://ftp.gnupg.org/gcrypt/npth/>

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* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/HashingSource.java
* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/HashingSink.java
* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Options.java
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* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Util.java
* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Buffer.java
* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Segment.java
* /opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/ForwardingSource.java
*
```

/opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/RealBufferedSource.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Timeout.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Sink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/SegmentPool.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/GzipSink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/DeflaterSink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Okio.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/AsyncTimeout.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/BufferedSource.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/InflaterSource.java  
\*

/opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/BufferedSink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Source.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/RealBufferedSink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/ForwardingSink.java  
\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/GzipSource.java

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\* /opt/cola/permits/1000000590\_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Base64.java

## 1.41 signpostcommonshttp 1.2.1.2

## 1.42 opentracing-noop 0.31.0

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\* /opt/cola/permits/1000002513\_1646171449.18/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpan.java

\* /opt/cola/permits/1000002513\_1646171449.18/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanContext.java

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\* /opt/cola/permits/1000002513\_1646171449.18/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanBuilder.java

\* /opt/cola/permits/1000002513\_1646171449.18/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopScopeManager.java

\* /opt/cola/permits/1000002513\_1646171449.18/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopTracerFactory.java

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## 1.43 eddsa 0.2.0

## 1.44 pcre 8.39

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Email local part: ph10  
Email domain: cam.ac.uk

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\* /opt/cola/permits/1000099241\_1646171463.16/0/opentracing-util-0-31-0-sources-

```
jar/io/opentracing/util/ThreadLocalScope.java
* /opt/cola/permits/1000099241_1646171463.16/0/opentracing-util-0-31-0-sources-
jar/io/opentracing/util/ThreadLocalScopeManager.java
*
/opt/cola/permits/1000099241_1646171463.16/0/opentracing-util-0-31-0-sources-
jar/io/opentracing/util/GlobalTracer.java
* /opt/cola/permits/1000099241_1646171463.16/0/opentracing-util-0-31-0-sources-
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## 1.50 play-exceptions 2.5.18

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## 1.52 reactivemongo-shaded 0.12.4

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## 1.54 oauth-signpost 1.2.1.2

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## 1.55 gson 2.8.2

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\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonPrimitive.java  
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\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/Gson.java  
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\*  
/opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/annotations/SerializedName.java  
\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonIOException.java

\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonObject.java  
\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonSerializer.java  
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jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java  
*  
/opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/ObjectTypeAdapter.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/ArrayTypeAdapter.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/TypeAdapters.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/JsonReaderInternalAccess.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/internal/bind/JsonTreeReader.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/TypeAdapterFactory.java  
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/TypeAdapter.java  
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* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-
jar/com/google/gson/internal/UnsafeAllocator.java
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-
jar/com/google/gson/internal/bind/TreeTypeAdapter.java
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jar/com/google/gson/internal/ConstructorConstructor.java
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* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-
jar/com/google/gson/internal/bind/SqlDateTypeAdapter.java
* /opt/cola/permits/1000760527_1646171563.11/0/gson-2-8-2-sources-
jar/com/google/gson/internal/bind/TimeTypeAdapter.java
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jar/com/google/gson/LongSerializationPolicy.java  
\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonStreamParser.java  
\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/FieldAttributes.java  
\*  
/opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/JsonParser.java  
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\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-  
jar/com/google/gson/stream/MalformedJsonException.java  
\* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/stream/JsonScope.java  
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/opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/stream/JsonToken.java  
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- \* /opt/cola/permits/1000760527\_1646171563.11/0/gson-2-8-2-sources-jar/com/google/gson/internal/Streams.java

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Found in path(s):

\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/Weak.java

\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java

\* /opt/cola/permits/1000890861\_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/WeakOuter.java

## 1.60 swagger-jersey2-jaxrs 1.5.0

# 1.61 swagger-jaxrs 1.5.0

## 1.62 joda-time 2.9.6

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\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/TempFiles.java  
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\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/META-INF/maven/org.jvnet.mimepull/mimepull/pom.xml  
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\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/QPDecoderStream.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/module-info.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/FinalArrayList.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/WeakDataFile.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/FileData.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/ChunkInputStream.java  
\*  
/opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/DecodingException.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/Data.java  
\* /opt/cola/permits/1001158872\_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/Chunk.java



```

* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MIMEConfig.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MIMEEvent.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/UUDecoderStream.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MemoryData.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/FactoryFinder.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/BASE64DecoderStream.java
*
/opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MIMEMessage.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MIMEParser.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/PropUtil.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/Header.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/DataHead.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/CleanUpExecutorFactory.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/DataFile.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-jar/org/jvnet/mimepull/MIMEPart.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/ASCIIUtility.java
*
/opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/InternetHeaders.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MIMEParsingException.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/LineInputStream.java
* /opt/cola/permits/1001158872_1646171600.32/0/mimepull-1-9-11-sources-
jar/org/jvnet/mimepull/MimeUtility.java

```

## 1.64 jackson-datatype-joda 2.4.2

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## 1.65 swagger-core 1.5.0

## 1.66 swagger 1.5.0

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Manifest-Version: 1.0

Bnd-LastModified: 1433634398680

Build-Jdk: 1.7.0\_72

Built-By: tony

Bundle-Description: Sonatype helps open source projects to set up Maven repositories on <https://oss.sonatype.org/>

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Bundle-ManifestVersion: 2

Bundle-Name: swagger-models

Bundle-SymbolicName: io.swagger.models

Bundle-Version: 1.5.0

Created-By: Apache Maven Bundle Plugin

Export-Package: io.swagger.models.parameters;uses:="com.fasterxml.jackson.annotation,io.swagger.models,io.swagger.models.properties";version="1.5.0",io.swagger.models.properties;uses:="com.fasterxml.jackson.annotation,io.swagger.models";version="1.5.0",io.swagger.models;uses:="com.fasterxml.jackson.annotation,io.swagger.models.parameters,io.swagger.models.properties,javax.xml.bind.annotation";version="1.5.0"

implementation-version: 1.5.0

Import-Package: com.fasterxml.jackson.annotation;version="[2.4,3)",javax.xml.bind.annotation,org.slf4j;version="[1.6,2)"

mode: development

package: io.swagger

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.3.0.201405100607

url: <https://github.com/swagger-api/swagger-core/modules/swagger-models>

Found in path(s):

\* /opt/cola/permits/1001159702\_1607016290.96/0/swagger-models-1-5-0-jar/META-INF/MANIFEST.MF

## 1.67 guice-assistedinject 4.0

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## 1.68 jline 2.14.3

## 1.69 swagger-annotations 1.5.0

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```

*/

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/swagger-api/swagger-spec/blob/master/versions/2.0.md#licenseObject
 *
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

    /**
     * The name of the license.
     *
     * @return the name of the license
     */
    String name();

    /**
     * An optional URL for the license.
     *
     * @return an optional URL for the license.
     */
    String url() default "";
}

```

## 1.70 metrics-jvm 4.1.0

## 1.71 ehcache 2.6.11

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## 1.72 build-link 2.5.18

## 1.73 netty-resolver-dns 2.0.36

## 1.74 async-http-client 2.0.36

## 1.75 jackson-datatype-jsr310 2.7.8

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## 1.76 netty-resolver 2.0.36

## 1.77 netty-codec-dns 2.0.36

## 1.78 jackson-dataformat-xml 2.9.9

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## 1.79 jackson-jaxrs-xml-provider 2.9.9

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# 1.81 httpcomponents-client 4.5.2

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## 1.82 websocket-api 9.4.18.v20190429

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The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.83 jetty-xml 9.4.18.v20190429

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- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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org.apache.tomcat:tomcat-juli  
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org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
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## 1.85 sshj 0.23.0

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Eclipse

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with

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<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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-----  
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- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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## Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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## Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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## Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.88 jetty 9.4.18.v20190429

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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## Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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## MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.89 jetty-servlets 9.4.18.v20190429

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- \* org.eclipse.jetty.orbit:javax.security.auth.message

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- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

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- \* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

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org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
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org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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Jan Mercl <0xjnm@gmail.com>
Kai Backman <kaib@golang.org>
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Nigel Tao <nigeltao@golang.org>
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\* org.eclipse.jetty.orbit:javax.security.auth.message

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\* org.eclipse.jetty.orbit:javax.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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- \* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

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org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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# 1.96 opentracing-api 0.31.0

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## 1.97 jetty-http-spi 9.4.18.v20190429

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

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terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.99 websocket-servlet 9.4.18.v20190429

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-----  
Eclipse

The following artifacts are EPL.  
\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javafx.mail.glassfish

-----  
Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

-----  
Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN

module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

-----

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

-----

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

-----

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.100 error\_prone\_annotations 2.3.2

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\* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-

jar/com/google/errorprone/annotations/MustBeClosed.java

```
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/FormatString.java
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/RestrictedApi.java
*
/opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/CompatibleWith.java
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
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```
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/DoNotCall.java
* /opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/CheckReturnValue.java
*
/opt/cola/permits/1007294135_1646171712.95/0/error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
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  - \* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
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- \* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java
- \* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java

\*

/opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/Immutable.java

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\* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java  
\* /opt/cola/permits/1007294135\_1646171712.95/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/IncompatibleModifiers.java

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```

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</head>
<body>
  <script type="text/javascript">prefix=";</script>

  <script src="templates/header.js" type="text/javascript"></script>
  <div id="left">
    <script src="templates/left.js" type="text/javascript"></script>
  </div>
  <div id="right">
    <script src="templates/right.js" type="text/javascript"></script>
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  <div id="content">

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## 1.105 scala 2.11.12

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```

    Either create a single parameter accepting the Tuple2,
    or consider a pattern matching anonymous function: ` { case (a, b) => ... }
val x: ((Int, Int) => Int) = (((a, b)) => a)
      ^

```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```

    Either create a single parameter accepting the Tuple2,
    or consider a pattern matching anonymous function: ` { case (param1, param2) => ... }
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
      ^

```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```

    Either create a single parameter accepting the
    Tuple3,
    or consider a pattern matching anonymous function: ` { case (param1, ..., param3) => ... }
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
      ^

```

three errors found

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pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

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## 1.108 stax-api 1.0 2

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<p>  
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<p>  
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<p>

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signature of Ty Coon, 1 April 1989<br />

Ty Coon, President of Vice

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</p>

</li>

</ul>

</body>

</html>

# 1.109 quartz 2.2.3

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Arnaud LE HORS    BULL Research FRANCE -- Koala Project  
(XPM - X PixMap format version 2 & 3)

Internet:    lehors@sophia.inria.fr

Surface Mail:    Arnaud LE HORS, INRIA - Sophia Antipolis,  
2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE

Voice phone:    (33) 93.65.77.71, Fax: (33) 93 65 77 66, Telex: 97 00 50 F

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# 1.115 distlib 0.3.0

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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.1.2 | 2002  | PSF       | yes |     |
| 2.2.1 | 2.2   | 2002      | PSF | yes |
| 2.2.2 | 2.2.1 | 2002      | PSF | yes |
| 2.2.3 | 2.2.2 | 2003      | PSF | yes |
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |
| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |
| 2.5   | 2.4   | 2006      | PSF | yes |
| 2.5.1 | 2.5   | 2007      | PSF | yes |
| 2.5.2 | 2.5.1 | 2008      | PSF | yes |
| 2.5.3 | 2.5.2 | 2008      | PSF | yes |
| 2.6   | 2.5   | 2008      | PSF | yes |
| 2.6.1 | 2.6   | 2008      | PSF | yes |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
| 2.6.4 | 2.6.3 | 2009      | PSF | yes |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
| 3.1.2 | 3.1   | 2010      | PSF | yes |
| 3.2   | 3.1   | 2010      | PSF | yes |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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distlib has started off using some of the code from distutil2.

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## 1.120 pycparser 2.19

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## 1.127 elfutils 0.176-1.1build1

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AES in libcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
@author Paulo Barreto <paulo.barreto@terra.com.br>

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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## 1.136 pierrec-lz4 2.5.2+incompatible

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Upstream-Contact: Yann Collet <Cyan4973@github.com>

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## 1.143 nghttp2 1.40.0-1build1

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```
set yrange [0:]  
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024  
set xtics rotate by -45  
set style histogram errorbars gap 2 lw 1  
set style fill solid border -1  
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```

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# 1.144 netty 4.0.51.Final

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*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/http/websocketx/benchmarkserver/package-info.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java  
*  
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/OpenSsl.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/EpollEventLoop.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/package-info.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/haproxy/HAProxyMessage.java  
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
```

```

* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/IntegerHolder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/FastThreadLocal.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/spdy/server/SpdyOrHttpHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/PendingWriteQueue.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslServerContext.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JdkSslContext.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/haproxy/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ipfilter/IpFilterRuleType.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/Epoll.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/SslProvider.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyProtocolVersion.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServerHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/InternalThreadLocalMap.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-

```

jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/Mapping.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/haproxy/HAProxyMessageDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/spdy/server/SpdyServerHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/EpollSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/EpollEventLoopGroup.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/ThreadDeathWatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/spdy/client/SpdyClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/EpollChannelOption.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/haproxy/HAProxyProtocolException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/Java7SslParametersUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/OpenSslX509Certificate.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/spdy/client/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/OpenSslClientContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/haproxy/HAProxyConstants.java  
\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/IovArray.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServerBenchmarkPage.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyCommand.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/CertificateVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/UnpaddedInternalThreadLocalMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServerInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyClientStreamIdHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseAggregator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

```

jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ipfilter/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/websocketx/client/WebSocketClient.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/collection/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollTcpInfo.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/NativeLibraryLoader.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/spdy/client/SpdyClientInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslEngine.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/spdy/server/SpdyServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyOrHttpChooser.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/SniHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/spdy/client/SpdyFrameLogger.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/spdy/server/package-info.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/DomainNameMapping.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/file/FileServerHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyProxiedProtocol.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseNotifier.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/server/SpdyServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakHint.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/HttpResponseClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java  
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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpMessage.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannelConfig.java

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/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpNotificationHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/nio/NioSctpChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/DefaultSctpChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockProtocol.proto

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpServerChannelConfig.java

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jar/io/netty/buffer/PoolChunkListMetric.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnsafeByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpUtil.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/ThreadProperties.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollMode.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/DatagramSocketAddress.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PooledUnsafeHeapByteBuf.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/sctp/multihoming/SctpMultiHomingEchoServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/DomainMappingBuilder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/LongCounter.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/DomainSocketChannel.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PoolSubpageMetric.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/pool/ChannelPoolHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java

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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/Socket.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/HeapByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/NativeInetAddress.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/DomainSocketAddress.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/FileDescriptor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/CookieUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ClientAuth.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/DomainSocketReadMode.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/pool/ChannelPoolMap.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/sctp/multihoming/SctpMultiHomingEchoClient.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/cookie/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java  
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/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/unix/Errors.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/SslContextBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/pool/ChannelPool.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/cookie/Cookie.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/SlicedAbstractByteBuf.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/cookie/DefaultCookie.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/PoolArenaMetric.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/EpollServerChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/cookie/CookieUtil.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/ProtocolDetectionResult.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/PoolChunkMetric.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/DuplicatedAbstractByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/ProtocolDetectionState.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java  
\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/UnixChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java  
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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/CleanerJava9.java  
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```

* under the License.
*/
/**
* Handles or intercepts a { @link ChannelInboundInvoker } or { @link ChannelOutboundInvoker } operation, and
forwards it
* to the next handler in a { @link ChannelPipeline }.
*
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods. To handle a
* a { @link
ChannelInboundInvoker } or { @link ChannelOutboundInvoker } operation
* you need to implement its sub-interfaces. There are many different sub-interfaces
* which handles inbound and outbound operations.
*
* But the most useful for developers may be:
* <ul>
* <li>{ @link ChannelInboundHandlerAdapter } handles and intercepts inbound operations</li>
* <li>{ @link ChannelOutboundHandlerAdapter } handles and intercepts outbound operations</li>
* </ul>
*
* You will also find more detailed explanation from the documentation of
* each sub-interface on how an event is interpreted when it goes upstream and
* downstream respectively.
*
* <h3>The context object</h3>
* <p>
* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }
* object. A { @link ChannelHandler } is supposed to interact with the
* { @link ChannelPipeline } it belongs to via a context object. Using the
* context object, the { @link ChannelHandler } can pass events upstream or
* downstream, modify the
pipeline dynamically, or store the information
* (using { @link AttributeKey }s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A { @link ChannelHandler } often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt;Message &gt; {
*
*     <b>private boolean loggedIn;</b>
*
*

```



```

*   { @code @Override }
*   public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
*       { @link Channel } ch = e.getChannel();
*       if (message instanceof LoginMessage) {
*           authenticate((LoginMessage) message);
*           <b>loggedIn = true;</b>
*       } else (message instanceof GetDataMessage) {
*           if (<b>loggedIn</b>) {
*               ch.write(fetchSecret((GetDataMessage) message));
*           } else {
*
*               fail();
*           }
*       }
*   }
*   ...
* }
* </pre>

```

\* Because the handler instance has a state variable which is dedicated to
 \* one connection, you have to create a new handler instance for each new
 \* channel to avoid a race condition where a unauthenticated client can get
 \* the confidential information:

```

* <pre>
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*   { @code @Override }
*   public void initChannel({ @link Channel } channel) {
*       channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*   }
* }
* </pre>

```

\* <h4>Using { @link AttributeKey }</h4>

\* Although it's recommended to use member variables to store the state of a
 \* handler, for some reason you might not want to create many handler instances.

\* In such a case, you can use { @link AttributeKey }s
 \* which is provided by

\* { @link ChannelHandlerContext }:

```

* <pre>
* public interface Message {
*   // your methods here
* }

```

\* { @code @Sharable }

```

* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt; Message &gt; {

```

```

* private final { @link AttributeKey } &lt; { @link Boolean } &gt; auth =
*     { @link AttributeKey #valueOf(String) AttributeKey.valueOf("auth") };
*
* { @code @Override }
* public void channelRead({ @link ChannelHandlerContext } ctx, Message message) {
*     { @link Attribute } &lt; { @link Boolean } &gt; attr = ctx.attr(auth);
*     { @link Channel } ch = ctx.channel();
*     if (message instanceof LoginMessage) {
*         authenticate((LoginMessage) o);
*         <b>attr.set(true)</b>;
*     } else (message instanceof GetDataMessage) {
*         if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*             ch.write(fetchSecret((GetDataMessage) o));
*         } else {
*
*             fail();
*         }
*     }
*     ...
* }
* </pre>

```

\* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>

```

\* <h4>The { @code @Sharable } annotation</h4>

\* <p>

\* In the example above which used an { @link AttributeKey }, you might have noticed the { @code @Sharable } annotation.

\* <p>

\* If a { @link ChannelHandler } is annotated with the { @code @Sharable } annotation, it means you can create an instance of the handler just once and add it to one or more { @link ChannelPipeline }s multiple times without a race condition.

\* <p>

\* If this annotation is not specified, you have to create a new handler

\* instance every time you add it to a pipeline because it has unshared state  
\* such as member variables.  
\* <p>  
\* This annotation is provided for documentation purpose, just like  
\* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.  
\*  
\* <h3>Additional resources worth reading</h3>  
\* <p>  
\* Please refer to the { @link ChannelHandler }, and  
\* { @link ChannelPipeline } to find out more about inbound and outbound operations,  
\* what fundamental differences they have, how they flow in a pipeline, and how to handle  
\* the operation in your application.  
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelHandler.java

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\*/

/\*\*

\* Enumeration of supported Base64 dialects.

\* <p>

\* The internal lookup tables in this class has been derived from

\* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert  
Harder's Public Domain

\* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SSLContext.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/Library.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/Buffer.java

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*/
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
*/
```

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```
*/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java
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*/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PooledHeapByteBuf.java
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jar/io/netty/util/collection/IntObjectMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/ObjectUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/collection/IntObjectHashMap.java

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jar/io/netty/util/internal/logging/Log4JLogger.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/logging/InternalLogger.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/logging/CommonsLogger.java

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jar/io/netty/example/http/cors/OkResponseHandler.java

```
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
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jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
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jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
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*/
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* Written by Robert Harder and released to the public domain, as explained at
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*/
/**
* Utility class for { @link ByteBuf } that encodes and decodes to and from
* Base64 notation.
* <p>
*
* The encoding and decoding algorithm in this class has been derived from
* Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/sctp/SctpChannelOption.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/rxtx/RxtxChannelOption.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/oio/OioByteStreamChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/rxtx/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/rxtx/RxtxDeviceAddress.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/rxtx/RxtxChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/udt/UdtServerChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/rxtx/RxtxChannelConfig.java
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jar/io/netty/handler/codec/http/websocketx/Utf8Validator.java

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jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/SelectStrategyFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/UnstableApi.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/SocketUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/CodecOutputList.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/WrappedCompositeByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakTracker.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/flush/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java  
\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/CertificateRequestedCallback.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SessionTicketKey.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DuplexChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/OutOfDirectMemoryError.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ThrowableUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyTLV.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PromiseNotificationUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxySSLTLV.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/IntSupplier.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/unix/PeerCredentials.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/PemValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/SelectStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/OpenSslExtendedKeyMaterialManager.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/ResourceLeakDetectorFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java  
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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspServerExample.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspUtils.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspRequestBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspClientExample.java

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jar/io/netty/util/internal/logging/FormattingTuple.java
*
```

```
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/logging/MessageFormatter.java
```

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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
* <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+      +-----+-----+
* | Length | Actual Content
* |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | | 0x000C | "HELLO, WORLD" |
* +-----+-----+      +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>

```

```

*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual
* Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into

```

```

* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Header 1 | Length | Actual Content |----->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   |   |
*   0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Length | Header 1 | Actual Content |----->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |   | 0x00000C | 0xCAFE | "HELLO,
*   WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2

```

```

* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+   +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |-----| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+   +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
*
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
the length field already includes the whole header length.
* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+   +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |-----| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+   +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/DefaultSctpServerChannelConfig.java

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/META-INF/maven/io.netty/netty-all/pom.xml

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageConnectorChannel.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtAcceptorChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpInboundByteStreamHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageRendezvousChannel.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteAcceptorChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageToMessageDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageCompletionHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteConnectorChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteRendezvousChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/UdtChannel.java

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- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/objectecho/ObjectEchoClientHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/NetUtil.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/HashedWheelTimer.java
- \*
- /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/UdtMessage.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/server/WebSocketFrameHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpObjectDecoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpRequestDecoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannelConfig.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java
- \*
- /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/snoop/HttpSnoopServerHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
- \*
- /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/file/HttpStaticFileServerInitializer.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

jar/io/netty/handler/codec/http/Cookie.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/Attribute.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/socket/oio/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/ChannelDuplexHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/HttpObjectAggregator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/socks/UnknownSocksRequest.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/uptime/UptimeClient.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/udt/UdtChannelConfig.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/DefaultChannelPipeline.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/objectecho/ObjectEchoServer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/buffer/UnpooledUnsafeDirectByteBuf.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/buffer/DuplicatedByteBuf.java



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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/rendezvous/MsgEchoPeerBase.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/worldclock/WorldClockClientHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/bootstrap/Bootstrap.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/TimeoutException.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/LastHttpContent.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpContentDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/securechat/SecureChatServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/DefaultHttpObject.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnpooledByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/telnet/TelnetServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdResponse.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/sctp/SctpEchoServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpRequest.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PoolSubpage.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/logging/InternalLoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ServerChannel.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/logging/InternalLogLevel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-

```

jar/io/netty/channel/oio/AbstractOioMessageChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/NotSslRecordException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/ChannelMetadata.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/sctp/SctpEchoClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/PlatformDependent.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/ChannelPipelineException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/DefaultChannelPromise.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/UnpooledDirectByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/stream/ChunkedFile.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/FailedChannelFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/timeout/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/localecho/LocalEchoServerHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/protobuf/package-info.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/DecoderResult.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/http/cors/HttpCorsServerInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/stream/ChunkedWriteHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/udt/echo/message/MsgEchoClient.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/logging/LogLevel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/server/WebSocketServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpObject.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/MultithreadEventExecutorGroup.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/ReadOnlyByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpContent.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/securechat/SecureChatClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadClientInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/discard/DiscardClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/Timer.java  
\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpResponseStatus.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOption.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/NioTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DatagramPacket.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/FactorialClientInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/message/MsgEchoClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/DefaultUdtChannelConfig.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/CommonsLoggerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultFileRegion.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

jar/io/netty/util/concurrent/SucceededFuture.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/concurrent/DefaultEventExecutorGroup.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/internal/logging/Slf4JLogger.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/bytes/ByteEchoServer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/rendezvousBytes/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/message/MsgEchoServerHandler.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/socks/SocksCommonUtils.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/buffer/AbstractByteBuf.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/bytes/ByteEchoClientHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/timeout/IdleStateEvent.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/HttpHeaders.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/oio/AbstractOioByteChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/http/websocketx/server/WebSocketServerIndexPage.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerOne.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/HttpRequestEncoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/http/websocketx/server/WebSocketIndexPageHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/internal/logging/Log4JLoggerFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/socket/oio/OioSocketChannel.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/DefaultHttpHeaders.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/discard/DiscardServer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/multipart/MixedAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/oio/OioSctpChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/string/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/FactorialServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/Unpooled.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/securechat/SecureChatServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/NioEventLoop.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/Channel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/UniqueName.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/FactorialServerHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadServerHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolArena.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

jar/io/netty/example/udt/echo/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/telnet/TelnetClientHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/serialization/ClassResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/Timeout.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/HttpResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/DecoderException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/concurrent/FailedFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/udt/echo/rendezvous/Config.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/SpdySession.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/DefaultChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/http/snoop/HttpSnoopServerInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/PoolThreadCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/factorial/FactorialClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/socket/nio/NioSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/logging/AbstractInternalLogger.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/embedded/EmbeddedSocketAddress.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/socket/SocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/securechat/SecureChatClientInitializer.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/proxy/HexDumpProxyInitializer.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufOutputStream.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/message/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/Delimiters.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/embedded/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/portunification/PortUnificationServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServerUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockServerHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/SlicedByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/CharsetUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/rendezvous/MsgEchoPeerHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/VoidChannelPromise.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-



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jar/io/netty/example/socksproxy/SocksServerHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/http/multipart/HttpData.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/cors/HttpCorsServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/stream/ChunkedInput.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/EventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/factorial/FactorialClient.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/spdy/SpdyHttpEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/http/websocketx/WebSocketHandshakeException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/local/LocalChannel.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/base64/Base64Encoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/proxy/HexDumpProxyFrontendHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/compression/SnappyFramedEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/http/HttpContentDecompressor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/local/LocalAddress.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/proxy/HexDumpProxy.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/http/multipart/MemoryAttribute.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/udt/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codecs/serialization/ObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/telnet/TelnetServer.java

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*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelPromiseAggregator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/EventLoopException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/rendezvous/MsgEchoPeerOne.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/factorial/FactorialServerInitializer.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PooledByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/snoop/HttpSnoopServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/proxy/HexDumpProxyBackendHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/bytes/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpMethod.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/bytes/ByteEchoServerHandler.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/securechat/SecureChatClientHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/helloworld/HttpHelloWorldServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/message/MsgEchoServer.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpContentEncoder.java

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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/SingleThreadEventExecutor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthResponse.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/group/DefaultChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/ServerSocketChannelConfig.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdRequest.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/rendezvous/MsgEchoPeerTwo.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/file/FileServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/stream/ChunkedStream.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/serialization/ClassResolvers.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/DefaultEventExecutor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpConstants.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelPipeline.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/sctp/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/base64/Base64Decoder.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/AbstractChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/example/udt/echo/bytes/ByteEchoClient.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/DefaultHttpResponse.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/localecho/LocalEcho.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/websocketx/server/WebSocketServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/RecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/IdleState.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/AbstractChannelHandlerContext.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/ByteBufUtil.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/SslHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerBase.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpServerCodec.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/FileRegion.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/CookieDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/localecho/LocalEchoClientHandler.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/upload/HttpUploadServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/telnet/TelnetClientInitializer.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/bootstrap/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/echo/EchoServerHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelFutureListener.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/SystemPropertyUtil.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/objectecho/ObjectEchoClient.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelHandlerContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/JdkLoggerFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/NumberEncoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/logging/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/snoop/HttpSnoopClient.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/GlobalEventExecutor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/snoop/HttpSnoopClientHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/nio/AbstractNioChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/base64/package-info.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/AbstractServerChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpMessage.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/objectecho/ObjectEchoServerHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/timeout/WriteTimeoutException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/echo/EchoClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/uptime/UptimeClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/TimerTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/local/LocalEventLoop.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/oio/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/http/websocketx/server/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/telnet/TelnetClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/StringUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/udt/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledDirectByteBuf.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/SwappedByteBuf.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentServerHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/group/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockClientInitializer.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/AttributeMap.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/IllegalReferenceCountException.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/oio/OioSctpServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServer.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/local/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadServerInitializer.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/sctp/oio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksInitRequest.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/socksproxy/SocksServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/sctp/SctpEchoServerHandler.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/echo/EchoClientHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/echo/EchoServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/telnet/TelnetServerHandler.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpClientCodec.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/compression/Snappy.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/CompleteChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/local/LocalServerChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
*

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/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockServerInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HTTPHeaderDateFormat.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/SctpEchoClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/http/file/HttpStaticFileServer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpOutboundByteStreamHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/handler/logging/LoggingHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/DefaultHttpContent.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PoolChunkList.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/ChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/EventLoop.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/snoop/HttpSnoopClientInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/ByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpContentCompressor.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/discard/DiscardServerHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/local/LocalChannelRegistry.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/factorial/BigIntegerDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/rtsp/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/CompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/embedded/EmbeddedEventLoop.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/qotm/QuoteOfTheMomentServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/portunification/PortUnificationServerHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufInputStream.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockClient.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/AttributeKey.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/DirectClientHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/EventExecutor.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentClient.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServerConnectHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/channel/sctp/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/SucceededChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/BlockingOperationException.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PoolChunk.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/serialization/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/ByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/CodecException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/udt/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/ReplayingDecoder.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/Signal.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpMessage.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnpooledHeapByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/udt/echo/rendezvous/package-info.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/LengthFieldPrepender.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/file/HttpStaticFileServerHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/rtsp/RtspMethods.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/socket/SocketChannelConfig.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/DefaultAttributeMap.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/util/concurrent/EventExecutorGroup.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/SingleThreadEventLoop.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/ClientCookieEncoder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/bytes/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerTwo.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/socksproxy/RelayHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/ByteToMessageCodec.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/discard/DiscardClientHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/group/CombinedIterator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/ChannelConfig.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/stream/ChunkedNioStream.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/channel/nio/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/example/securechat/SecureChatServerHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
 jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java  
 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-

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jar/io/netty/channel/ChannelInitializer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/DatagramChannel.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/EncoderException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/multipart/Attribute.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
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// Try the OpenJDK's proprietary implementation.
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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/util/SelfSignedCertificate.java
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\*/

/\*\*

\* Set the { @code TCP\_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.  
\* Keys can only be set on, not read to prevent a potential leak, as they are confidential.  
\* Allowing them being read would mean anyone with access to the channel could get them.

\*/

/\*\*

\* Set the { @code TCP\_QUICKACK } option on the socket. See <a  
href="http://linux.die.net/man/7/tcp">TCP\_QUICKACK</a>  
\* for more details.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/MathUtil.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/LongAdderCounter.java

\*

/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/epoll/UnixChannelUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/SuppressForbidden.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/internal/tcnative/SniHostNameMatcher.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/internal/ReflectionUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java

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/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/NettyRuntime.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/uptime/UptimeServer.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
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/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/Conscrypt.java
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* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
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jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/ocsp/package-info.java
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/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
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- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
- \*
- /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/Future.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ProgressiveFuture.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java
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- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakDetector.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
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- \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
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 \* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseTask.java  
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jar/io/netty/buffer/FixedCompositeByteBuf.java
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jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
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jar/io/netty/buffer/ByteBufProcessor.java  
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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/socks/SocksResponseType.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/DefaultMessageSizeEstimator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/example/rxtx/RxtxClientHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/concurrent/Promise.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/buffer/DefaultByteBufHolder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/concurrent/CompleteFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/util/Recycler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyPingFrame.java

```

*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/ReadOnlyIterator.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/ImmediateEventExecutor.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/AddressedEnvelope.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/AbstractReferenceCounted.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/concurrent/AbstractEventExecutor.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/example/http/helloworld/HttpHelloWorldServerHandler.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/group/ChannelGroupException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnreleasableByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/AppendableCharSequence.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdStatus.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/ResourceLeakException.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/EmptyByteBuf.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/handler/codec/http/FullHttpResponse.java

```

\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/MessageSizeEstimator.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java

\*  
/opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/channel/ConnectTimeoutException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java  
\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java

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\* /opt/ws\_local/PERMITS\_SQL/1069083569\_1595010916.21/0/netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/FastThreadLocalThread.java



```
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnsafeDirectSwappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/util/internal/CleanerJava6.java
*
/opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/buffer/UnsafeHeapSwappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069083569_1595010916.21/0/netty-all-4-0-51-final-sources-
jar/io/netty/channel/DefaultChannelHandlerContext.java
```

# 1.145 adduser 3.118ubuntu2

## 1.145.1 Available under license :

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<imurdock@debian.org> and was maintained by Steve Phillips  
<sjp@cvfn.org> from sources written for the Debian Project by Ian  
Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph  
<sr1@inf.tu-dresden.de>.

Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He  
rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt  
<rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt  
<rb@debian.org>, and co-maintained by Marc Haber  
<mh+debian-packages@zugschlus.de>

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

Since June 2006, it has been maintained by Stephen Gran <sgran@debian.org>

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## 1.146 sensible-utils 0.0.12+nmu1

### 1.146.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: sensible-utils

Upstream-Contact: Anibal Monsalve Salazar <[anibal@debian.org](mailto:anibal@debian.org)>

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

Files: \*

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2010- Anibal Monsalve Salazar <[anibal@debian.org](mailto:anibal@debian.org)>

2012, David Prvot <[taffit@debian.org](mailto:taffit@debian.org)>

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hostname -- set the host name or show the host/domain name

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# 1.149 base-passwd 3.5.47

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```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: base-passwd
Upstream-Contact: Colin Watson <cjwatson@debian.org>
```

Files: \*

```
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Files:

passwd.master

group.master

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Files: doc/\*

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\* Adaptation of <http://bjoern.hoehrmann.de/utf-8/decoder/dfa/>

\*

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jar/io/netty/handler/codec/http/websocketx/Utf8Validator.java

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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java

\*

/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java

```

* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyHeaders.java
*
/opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/cors/package-info.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/FullHttpRequest.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
*
/opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/FullHttpResponse.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
*
/opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-

```

jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdySessionHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpHeaderEntity.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyVersion.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java  
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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/FullHttpRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdySettingsFrame.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpContentDecompressor.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/LastHttpContent.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectAggregator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpData.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java  
\*

/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpObject.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpConstants.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HTTPHeaderDateFormat.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultCookie.java  
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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-

jar/io/netty/handler/codec/http/HttpResponseDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySession.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpMessage.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/QueryStringEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpContentDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/ClientCookieEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/QueryStringDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/CookieDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpContentEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpContent.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpRequestEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java  
\*



/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpServerCodec.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspVersions.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/FileUpload.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpResponseStatus.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpClientCodec.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MixedAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpObject.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/Attribute.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/Cookie.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-

jar/io/netty/handler/codec/http/HttpHeaders.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java  
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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/rtsp/RtspHeaders.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpVersion.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpContentCompressor.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpContent.java  
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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/DefaultHttpRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpMessage.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-  
jar/io/netty/handler/codec/http/HttpResponseEncoder.java

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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspMethods.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpMethod.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/package-info.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/CookieUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java

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\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java  
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/opt/ws\_local/PERMITS\_SQL/1078382799\_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java

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jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
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jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
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jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
*/opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
*/
/opt/ws_local/PERMITS_SQL/1078382799_1597298134.78/0/netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java
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jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
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jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
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jar/io/netty/channel/socket/ChannelOutputShutdownException.java
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jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
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jar/io/netty/channel/DefaultMessageSizeEstimator.java
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jar/io/netty/channel/group/ChannelMatchers.java
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* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/group/ChannelGroupException.java
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* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ConnectTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultAddressedEnvelope.java
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jar/io/netty/channel/ChannelProgressivePromise.java
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jar/io/netty/channel/nio/SelectedSelectionKeySet.java
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jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
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jar/io/netty/channel/group/ChannelMatcher.java
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jar/io/netty/channel/DefaultChannelProgressivePromise.java
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jar/io/netty/channel/ChannelProgressiveFutureListener.java
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jar/io/netty/bootstrap/ChannelFactory.java
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jar/io/netty/channel/ChannelHandlerAdapter.java
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\*/

/\*\*

\* Handles or intercepts a { @link ChannelInboundInvoker } or { @link ChannelOutboundInvoker } operation, and forwards it

\* to the next handler in a { @link ChannelPipeline }.

\*

\* <h3>Sub-types</h3>

\* <p>

\* { @link ChannelHandler } itself does not provide many methods. To handle a

\* a { @link

ChannelInboundInvoker} or {[@link ChannelOutboundInvoker](#)} operation

\* you need to implement its sub-interfaces. There are many different sub-interfaces

\* which handles inbound and outbound operations.

\*

\* But the most useful for developers may be:

\* <ul>

\* <li>{[@link ChannelInboundHandlerAdapter](#)} handles and intercepts inbound operations</li>

\* <li>{[@link ChannelOutboundHandlerAdapter](#)} handles and intercepts outbound operations</li>

\* </ul>

\*

\* You will also find more detailed explanation from the documentation of

\* each sub-interface on how an event is interpreted when it goes upstream and

\* downstream respectively.

\*

\* <h3>The context object</h3>

\* <p>

\* A {[@link ChannelHandler](#)} is provided with a {[@link ChannelHandlerContext](#)}

\* object. A {[@link ChannelHandler](#)} is supposed to interact with the

\* {[@link ChannelPipeline](#)} it belongs to via a context object. Using the

\* context object, the {[@link ChannelHandler](#)} can pass events upstream or

\* downstream, modify the

pipeline dynamically, or store the information

\* (using {[@link AttributeKey](#)}s) which is specific to the handler.

\*

\* <h3>State management</h3>

\*

\* A {[@link ChannelHandler](#)} often needs to store some stateful information.

\* The simplest and recommended approach is to use member variables:

\* <pre>

\* public interface Message {

\* // your methods here

\* }

\*

\* public class DataServerHandler extends {[@link SimpleChannelInboundHandler](#)}&lt;Message&gt; {

\*

\* <b>private boolean loggedIn;</b>

\*

\* {`@Override`}

\* public void channelRead0({[@link ChannelHandlerContext](#)} ctx, Message message) {

\* {[@link Channel](#)} ch = e.getChannel();

\* if (message instanceof LoginMessage) {

\* authenticate((LoginMessage) message);

\* <b>loggedIn = true;</b>

\* } else (message instanceof GetDataMessage) {

\* if (<b>loggedIn</b>) {

\* ch.write(fetchSecret((GetDataMessage) message));

\* } else {

\*

```

        fail();
    *     }
    * }
    * }
    * ...
    * }
    * </pre>
    * Because the handler instance has a state variable which is dedicated to
    * one connection, you have to create a new handler instance for each new
    * channel to avoid a race condition where a unauthenticated client can get
    * the confidential information:
    * <pre>
    * // Create a new handler instance per channel.
    * // See { @link ChannelInitializer#initChannel(Channel)}.
    * public class DataServerInitializer extends { @link ChannelInitializer}&lt;&gt;{ @link Channel}&gt; {
    *     { @code @Override}
    *     public void initChannel({ @link Channel} channel) {
    *         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
    *     }
    * }
    *
    * </pre>
    *
    * <h4>Using { @link AttributeKey}</h4>
    *
    * Although it's recommended to use member variables to store the state of a
    * handler, for some reason you might not want to create many handler instances.
    * In such a case, you can use { @link AttributeKey}s
    * which is provided by
    * { @link ChannelHandlerContext}:
    * <pre>
    * public interface Message {
    *     // your methods here
    * }
    *
    * { @code @Sharable}
    * public class DataServerHandler extends { @link SimpleChannelInboundHandler}&lt;&gt;Message&gt; {
    *     private final { @link AttributeKey}&lt;&gt;{ @link Boolean}&gt; auth =
    *         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
    *
    *     { @code @Override}
    *     public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
    *         { @link Attribute}&lt;&gt;{ @link Boolean}&gt; attr = ctx.attr(auth);
    *         { @link Channel} ch = ctx.channel();
    *         if (message instanceof LoginMessage) {
    *             authenticate((LoginMessage) o);
    *             <b>attr.set(true)</b>;
    *         } else (message instanceof GetDataMessage) {

```

```

*     if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*         ch.write(fetchSecret((GetDataMessage) o));
*     } else {
*
*     fail();
*     }
* }
* }
* ...
* }
* </pre>

```

\* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } & { @link Channel } & {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>

```

\* <h4>The { @code @Sharable } annotation</h4>

\* <p>

\* In the example above which used an { @link AttributeKey }, you might have noticed the { @code @Sharable } annotation.

\* <p>

\* If a { @link ChannelHandler } is annotated with the { @code @Sharable } annotation, it means you can create an instance of the handler just once and add it to one or more { @link ChannelPipeline }s multiple times without a race condition.

\* <p>

\* If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

\* <p>

\* This annotation is provided for documentation purpose, just like [the JCIP annotations](http://www.javaconcurrencyinpractice.com/annotations/doc/).

\*

\* <h3>Additional resources worth reading</h3>

\* <p>

\* Please refer to the { @link ChannelHandler }, and { @link ChannelPipeline } to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle

\* the operation in your application.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelHandler.java

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/CombinedIterator.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/local/package-info.java

\*

/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/oio/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/EventLoopException.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/local/LocalEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelException.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/oio/AbstractOioMessageChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/DefaultChannelPipeline.java

\*

/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/FixedRecvByteBufAllocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DatagramChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/SingleThreadEventLoop.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/InternetProtocolFamily.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelDuplexHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/RecvByteBufAllocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrap.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/NioEventLoopGroup.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DatagramChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/package-info.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelInboundHandlerAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/SocketChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/embedded/EmbeddedEventLoop.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/AbstractNioChannel.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelPromiseAggregator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-

```

jar/io/netty/channel/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/group/ChannelGroupFutureListener.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ServerChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultFileRegion.java
*
/opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/VoidChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/nio/NioTask.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/bootstrap/Bootstrap.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/MultithreadEventLoopGroup.java
*
/opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ChannelMetadata.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/socket/SocketChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/socket/ServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/local/LocalChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/local/LocalEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ChannelConfig.java
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/opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/EventLoop.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/ChannelOutboundHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/ServerSocketChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DatagramPacket.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelFutureListener.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelHandlerContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/embedded/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/DefaultChannelPromise.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/EventLoopGroup.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/NioEventLoop.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoop.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/nio/NioSocketChannel.java  
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 /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/ServerBootstrap.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/SucceededChannelFuture.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelPipeline.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/nio/NioDatagramChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelPromiseNotifier.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AbstractChannelHandlerContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/FailedChannelFuture.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AbstractServerChannel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/ChannelGroupFuture.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-

jar/io/netty/channel/embedded/EmbeddedSocketAddress.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
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/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/nio/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/oio/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/local/LocalChannelRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/CompleteChannelFuture.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/AbstractChannel.java  
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/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/local/LocalAddress.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/ChannelPipelineException.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/ChannelOption.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/FileRegion.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/ChannelOutboundHandlerAdapter.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/local/LocalServerChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/ChannelInboundHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/Channel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/ChannelInputShutdownEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/group/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/nio/AbstractNioByteChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-  
jar/io/netty/channel/socket/oio/OioServerSocketChannel.java

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultChannelHandlerContext.java
```

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/socket/DuplexChannel.java
```

```
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultSelectStrategy.java
```

```
*
 /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/DefaultSelectStrategyFactory.java
```

```
* /opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
```

jar/io/netty/channel/SelectStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-

jar/io/netty/channel/SelectStrategyFactory.java

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\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/META-INF/maven/io.netty/netty-transport/pom.xml

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078376941\_1597298096.54/0/netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/PendingWriteQueue.java

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Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1078376941_1597298096.54/0/netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/oio/OioByteStreamChannel.java
```

# 1.152 netty-transport-native-epoll 4.0.51.Final

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```
*/opt/ws_local/PERMITS_SQL/1078382622_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-
jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
*/opt/ws_local/PERMITS_SQL/1078382622_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-
jar/io/netty/channel/epoll/EpollServerChannelConfig.java
*
*/opt/ws_local/PERMITS_SQL/1078382622_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-
jar/io/netty/channel/epoll/TcpMd5Util.java
```

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/Socket.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/Errors.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketReadMode.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/FileDescriptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/NativeInetAddress.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketAddress.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventArray.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/ServerDomainSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DatagramSocketAddress.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollMode.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/UnixChannel.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/IovArray.java

\*

/opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollChannelOption.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollTcpInfo.java

\*  
/opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/Epoll.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDatagramChannel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollServerSocketChannel.java  
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* /opt/ws_local/PERMITS_SQL/1078382622_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/Native.java
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* /opt/ws_local/PERMITS_SQL/1078382622_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDatagramChannelConfig.java
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```

```
*/
```

```
/**
```

- \* Set the { @code TCP\_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.
- \* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
- \* Allowing them being read would mean anyone with access to the channel could get them.

```
*/
```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

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\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java

\*

/opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/PeerCredentials.java

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\* Set the { @code TCP\_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.

- \* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
- \* Allowing them being read would mean anyone with access to the channel could get them.

```

*/
/**
 * Set the { @code TCP_QUICKACK } option on the socket. See <a
 href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 */

```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078382622\_1597298105.9/0/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

## 1.153 netty-handler 4.0.51.Final

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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedNioStream.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleStateHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedFile.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedWriteHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleState.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutHandler.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/TimeoutException.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedNioFile.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleStateEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/logging/LogLevel.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/logging/LoggingHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/NotSslRecordException.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutException.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedInput.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/logging/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedStream.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/TrafficCounter.java

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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

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// Try the OpenJDK's proprietary implementation.

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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/SelfSignedCertificate.java

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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Conscrypt.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

\*

/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java9SslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java9SslUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java

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  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemValue.java
  - \*
  - /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/flush/package-info.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java8SslUtils.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslExtendedKeyMaterialManager.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemPrivateKey.java
  - \*
  - /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/DelegatingSslContext.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemEncoded.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/flush/FlushConsolidationHandler.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
  - \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
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*/opt/ws_local/PERMITS_SQL/1078388262_1597298153.77/0/netty-handler-4-0-51-final-sources-1-
jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java
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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

\*

/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ClientAuth.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslContextBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java  
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\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-

jar/io/netty/handler/ssl/OpenSslSessionContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/PemReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/OpenSsl.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ipfilter/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslEngine.java  
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/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/CipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/SslUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/CipherSuiteConverter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/JdkSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java  
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jar/io/netty/handler/ssl/OpenSslClientContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/SslContext.java  
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jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java  
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jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java  
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/opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslProvider.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslEngine.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SniHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslEngineMap.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/UniqueIpFilter.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslServerContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslClientContext.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java7SslParametersUtils.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/IpFilterRule.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1078388262\_1597298153.77/0/netty-handler-4-0-51-final-sources-1-

```
jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1078388262_1597298153.77/0/netty-handler-4-0-51-final-sources-1-
jar/io/netty/handler/ssl/OpenSslX509Certificate.java
*
/opt/ws_local/PERMITS_SQL/1078388262_1597298153.77/0/netty-handler-4-0-51-final-sources-1-
jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
```

# 1.154 netty-codec 4.0.51.Final

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/CodecOutputList.java
```

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\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/Crc32c.java

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/\*\*

\* Enumeration of supported Base64 dialects.

\* <p>

\* The internal lookup tables in this class has been derived from

\* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert  
Harder's Public Domain

\* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java

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*/
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*/
/**
* Utility class for { @link ByteBuf } that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
* The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/base64/Base64.java
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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/ProtocolDetectionResult.java
```

```
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
```

jar/io/netty/handler/codec/ProtocolDetectionState.java

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/META-INF/maven/io.netty/netty-codec/pom.xml

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/\*\*

\* A decoder that splits the received {@link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.

\*

<p>

\* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so  
\* that it can decode any message with a length field, which is often seen in  
\* proprietary client-server protocols. Here are some example that will give



\* you the basic idea on which option does what.

\*  
 \* **2 bytes length field at offset 0, do not strip header**

\*  
 \* The value of the length field in this example is `12 (0x0C)` which  
 \* represents the length of "HELLO, WORLD". By default, the decoder assumes  
 \* that the length field represents the number of the bytes that follows the  
 \* length field. Therefore, it can be decoded with the simplistic parameter  
 \* combination.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content
* |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* **2 bytes length field at offset 0, strip header**

\*  
 \* Because we can get the length of the content by calling  
 \* `{ @link ByteBuf#readableBytes() }`, you might want to strip the length  
 \* field by specifying `initialBytesToStrip`. In this example, we  
 \* specified `2`, that is same with the length of the length field, to  
 \* strip the first two bytes.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" | | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
```

\* **2 bytes length field at offset 0, do not strip header, the length field  
 \* represents the length of the whole message**

\*  
 \* In most cases, the length field represents the length of the message body  
 \* only, as shown in the previous examples. However, in some protocols, the

\* length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero `<tt>lengthAdjustment</tt>`. Because the length value in this example message is always greater than the body length by `<tt>2</tt>`, we specify `<tt>-2</tt>` as `<tt>lengthAdjustment</tt>` for compensation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

```
* +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual
  Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
```

\* The following message is a simple variation of the first example. An extra header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)

```
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   |
  0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
```

\* This is an advanced example that shows the case where there is an extra header between the length field and the message body. You have to specify a positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
```

```

* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |----->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO,
* WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field</h3>

\* This is a combination of all the examples above. There are the prepended  
 \* header before the length field and the extra header after the length field.  
 \* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra  
 \* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero  
 \* <tt>initialBytesToStrip</tt> to strip the length field and the prepended  
 \* header from the frame. If you don't want to strip the prepended header, you  
 \* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

```

* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field, the length field  
 \* represents the length of the whole message</h3>

\* Let's give another twist to the previous example. The only difference from  
 \* the previous example is that the length field represents the length of the  
 \* whole message instead of the message body, just like the third example.  
 \* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.  
 \* Please note that we don't need to take the length of HDR2 into account  
 \* because  
 \* the length field already includes the whole header length.

```

* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2

```

```

* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java

```

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/EncoderException.java

```

```

*
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassResolver.java

```

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/ByteToMessageDecoder.java

```

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/base64/package-info.java

```

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java

```

```

* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-

```

jar/io/netty/handler/codec/serialization/WeakReferenceMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/MessageToByteEncoder.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/DecompressionException.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/DecoderResult.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolvers.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/ZlibDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
\*  
/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/Snappy.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ReferenceMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java

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*
/opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/package-info.java
*
/opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/Delimiters.java
*
/opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/DecoderException.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
*
/opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/package-info.java

```

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/base64/Base64Encoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java

\*

/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/protobuf/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

\*

/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/string/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/CorruptedFrameException.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/ZlibUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/CodecException.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java

\*

/opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/CompressionException.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/PrematureChannelClosureException.java

\* /opt/ws\_local/PERMITS\_SQL/1078375274\_1597298120.98/0/netty-codec-4-0-51-final-sources-1-

```
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
*
/opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/ws_local/PERMITS_SQL/1078375274_1597298120.98/0/netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
```

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Anthony Towns <ajt@debian.org>  
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Tollef Fog Heen <tfheen@debian.org>  
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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

```
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
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src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
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Found in path(s):

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-2.0.xsd

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-2.0.xsd

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.1.xsd

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.0.xsd

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.1.xsd

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.0.xsd

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/overview.html

No license file was found, but licenses were detected in source scan.

/\*

\* Hibernate Validator, declare and validate application constraints

\*

\* License: Apache License, Version 2.0

\* See the license.txt file in the root directory or <<http://www.apache.org/licenses/LICENSE-2.0>>.

\*/

```
/*
 * Written by Doug Lea with assistance from members of JCP JSR-166
 * Expert Group and released to the public domain, as explained at
 * http://creativecommons.org/licenses/publicdomain
 */
```

Found in path(s):

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jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
No license file was found, but licenses were detected in source scan.
```

```
/*
 * Hibernate Validator, declare and validate application constraints
 *
 * License: Apache License, Version 2.0
 * See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
 */
```

Found in path(s):

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jar/org/hibernate/validator/cfg/defs/URLDef.java
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jar/org/hibernate/validator/constraints/Currency.java
*/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/location/package-info.java
*/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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DateTime.java
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jar/org/hibernate/validator/internal/engine/groups/GroupWithInheritance.java
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*/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/package-info.java
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jar/org/hibernate/validator/internal/metadata/descriptor/ConstraintDescriptorImpl.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForLong.java
*/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/logging/LoggerFactory.java
```



\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalNumberComparatorHelper.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/REGONValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForInstant.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForBigDecimal.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/PatternValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/TypeArgumentConstraintLocation.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForZonedDateTime.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCollection.java

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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/group/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/PositiveDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentEpochBasedValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/NonContainerCascadingMetaData.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/package-info.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/ClassBasedValidatorDescriptor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/GroupConversionHelper.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfChar.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/MethodConfigurationRule.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorDescriptor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/ReturnValueConstraintLocation.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ObservableValueValueExtractor.java  
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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/FormatterWrapper.java  
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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypeConfigurationBuilder.java  
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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorInitializationContext.java  
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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForDouble.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/BeanMetaDataImpl.java  
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jar/org/hibernate/validator/internal/metadata/aggregated/ContainerCascadingMetaData.java
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/time/DurationMaxValidator.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForShort.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/resourceloading/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/MinValidatorForCharSequence.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/CodePointLengthDef.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForLong.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/resolver/TraverseAllTraversableResolver.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/ConstraintMapping.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffsetTime.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/XMLParserHelper.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/CurrencyValidatorForMonetaryAmount.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/resourceloading/PlatformResourceBundleLocator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlySetPropertyValueExtractor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForNumber.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ModCheckValidator.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMinValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/ISBNDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetDateTime.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/br/CPFValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/spi/resourceloading/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForFloat.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/br/CNPJDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/spi/cfg/ConstraintMappingContributor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractJavaTimeValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForByte.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForDouble.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/ValueContext.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/SizeDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForReadablePartial.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MinValidatorForMonetaryAmount.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorContext.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/TypeConstraintMappingContext.java

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/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/CascadingMetaData.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/CrossParameterConstraintMappingContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentInstantBase
dValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/location/ConstraintLocation.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/path/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForYear.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/classhierarchy/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/DurationMaxDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/EscapedState.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForFloat.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForOffsetTime.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/constraintvalidation/ComposingConstraintTree.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/NewInstance.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/logging/formatter/TypeFormatter.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/SetPropertyValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/resourceloading/DelegatingResourceBundleLocator.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForLong.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ConstraintMappingTarget.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/EmailValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/LoadClass.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/constraintvalidators/bv/NotBlankValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/EmailValidator.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/raw/ConstrainedExecutable.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/descriptor/PropertyDescriptorImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethodHandle.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptions.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalT
ime.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentEpochBasedVal
idator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForHijrah
Date.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorNotFoundException.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/UniqueElements.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForShort.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttributes.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTermType.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/time/DurationMin.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForHijrahDate.
java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/Length.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/TypeTarget.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForLong.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/path/PropertyNode.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForInteger.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForThaiBuddhistDate.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/NotBlankValidator.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/messageinterpolation/ResourceBundleMessageInterpolator.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/engine/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/cfg/context/ParameterTarget.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/metadata/aggregated/PropertyMetaData.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/money/PositiveValidatorForMonetaryAmount.java  
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 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/metadata/raw/BeanConfiguration.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/util/StringHelper.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForYear.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureEpochBasedValidator.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/engine/valueextraction/MapPropertyKeyExtractor.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfDouble.java  
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 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForCalendar.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/spi/scripting/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/engine/DefaultParameterNameProvider.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/cfg/context/ReturnValueConstraintMappingContextImpl.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/constraints/br/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
 jar/org/hibernate/validator/internal/xml/mapping/AbstractConstrainedElementStaxBuilder.java

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/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/HibernateValidatorContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/path/ContainerElementNode.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForThaiBuddh
istDate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForDouble.
java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForMap.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForLong.ja
va
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/MinDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NumberSignHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/MethodTarget.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/LengthValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfInt.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/ConstructorConstraintMappingContextImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/ConstraintViolationImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/SafeHtml.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/NumberComparatorHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfDouble.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureInstantBasedValidator.java
*
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jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypeStaxBuilder.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/OptionalValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/MaxDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/cfg/defs/NotBlankDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/xml/mapping/AbstractConstrainedExecutableElementStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/metadata/raw/ConstrainedType.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/Mod11Check.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/spi/scripting/AbstractCachingScriptEvaluatorFactory.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/messageinterpolation/el/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/ISBN.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintViolationCreationContext.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigInteger.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeOrZeroValidatorForMonetaryAmount.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/xml/config/ValidationXmlParser.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/pl/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/cfg/defs/PositiveOrZeroDef.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/CreditCardNumber.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/xml/mapping/AbstractOneLineStringStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/MessageState.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/path/PathImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/messageinterpolation/TermResolver.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/groups/ValidationOrderGenerator.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCharSequence.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

jar/org/hibernate/validator/internal/engine/valueextraction/LongArrayValueExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMaxValidatorForCharSequence.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/util/privilegedactions/NewProxyInstance.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/groups/ValidationOrder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/spi/group/DefaultGroupSequenceProvider.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/util/logging/Log.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/constraintdefinition/ConstraintDefinitionContribution.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForCalendar.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForMinguoDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfChar.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArray.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/time/DurationMax.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigDeci  
mal.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/resolver/CachingTraversableResolverForSingleValidation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigDecimal.jav  
a  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/xml/mapping/ConstrainedGetterStaxBuilder.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/hv/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/CodePointLength.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/metadata/location/FieldConstraintLocation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/DigitsValidatorForCharSequence.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/valueextraction/AnnotatedObject.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/resolver/JPATraversableResolver.java

\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForFloat.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/RangeDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/provider/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/DefaultClockProvider.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedConstructorStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/NotNullDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/ConstraintMappingContextImplBase.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethods.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/DurationFormatter.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/descriptor/package-info.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/ReturnValueConstraintMappingContext.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredConstructors.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/annotation/AnnotationProxy.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/ClassObjectFormatter.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstraintTypeStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedMethodStaxBuilder.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForOffsetTime.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/ExecutableParameterNameProvider.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/config/ValidationBootstrapParameters.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypePath.java

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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDate.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/classhierarchy/Filters.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigDecimal.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/descriptor/ContainerElementTypeDescriptorImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/core/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/AbstractConstraintMetaData.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/descriptor/ExecutableDescriptorImpl.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForFloat.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorResolver.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfLong.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/parameternameprovider/ParanamerParameterNameProvider.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/NotEmptyDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForThaiBuddhistDate.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/el/RootResolver.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/location/ParameterConstraintLocation.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraintvalidators/RegexpURLValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/Mod11CheckDef.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/Mod10CheckValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/NullDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/spi/scripting/ScriptEvaluationException.java

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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/path/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForOffsetDateTime.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyMapPropertyKeyExtractor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/NullValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/LuhnCheckValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/LuhnCheck.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/DomainNameUtil.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/FloatArrayValueExtractor.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstraintMappingsStaxBuilder.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/HibernateValidatorConfiguration.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentJavaTimeValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForYearMonth.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/TypeVariables.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/AbstractMinValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForMonthDay.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForThaiBuddhistDate.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/AbstractEmailValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/annotation/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ReturnValueStaxBuilder.java

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/ConstraintComposition.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForByte.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorDescriptor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfBoolean.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForNumber.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForYearMonth.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ParserState.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForMonthDay.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfObjectsToStringFormatter.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/package-info.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorFactory.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/descriptor/ParameterDescriptorImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/MessageInterpolatorContext.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForMap.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForLong.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/HibernateValidatorFactory.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ByteArrayValueExtractor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/annotation/AnnotationFactory.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForInteger.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/descriptor/CrossParameterDescriptorImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/ContainerElementConstraintMappingContextImpl.java



\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/engine/HibernateConstraintViolation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorContextImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/PastDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertFalseValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForZonedDateTime.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/br/CNPJValidator.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/Token.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/LambdaBasedValidatorDescriptor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfShort.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/VoidMethodsMustNotBeReturnValueConstrained.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/DefaultPackageStaxBuilder.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForYearMonth.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForMonthDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/provider/MetaDataProvider.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForInstant.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalDoubleValueExtractor.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/resolver/TraversableResolvers.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerHierarchyLine.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForDouble.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/facets/Validatable.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalDate.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/GenericConstraintDef.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadableInstant.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraintvalidation/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalTime.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/parameternameprovider/package-info.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureJavaTimeValidator.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/groups/Sequence.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/Email.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/ValidatableParametersMetaData.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetMethodFromPropertyName.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/Version.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ListPropertyValueExtractor.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfBoolean.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredField.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/MethodConstraintMappingContext.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/PropertyTarget.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/br/TituloEleitoralDef.java  
 \*  
 /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/FutureOrPresentDef.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/LocalizedMessage.java  
 \* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/br/CPFDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/EmailDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/GroupConversionTargetContextImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/URLValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/TypeConstraintMappingContextImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ObjectArrayValueExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/AbstractStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/ReflectionHelper.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalIntValueExtractor.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/GetterConstraintLocation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForNumber.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/ValidationContext.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/DurationMinDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/EANValidator.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/NewSchema.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/SafeHtmlDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForYearMonth.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTerm.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/BeanConstraintLocation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/ModCheck.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForJapaneseDate.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate  
Time.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ShortArrayValueExtractor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForNumber  
.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForCalendar.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractEpochBasedTimeValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForNumber.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/core/ConstraintOrigin.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/br/CPF.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstraintDefinitionStaxBuilder.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/IntArrayValueExtractor.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/spi/scripting/ScriptEngineScriptEvaluator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/ExecutableConstraintMappingContextImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/resourceloading/CachingResourceBundleLocator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentInstantBasedVa  
lidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForBigDecimal.ja  
va

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/ConstraintDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedElement.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArray.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/facets/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/constraintvalidators/hv/ModCheckBase.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/DecimalMinValidatorForMonetaryAmount.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetResources.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/MapValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredFields.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethod.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/AnnotationIgnoreOptions.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/spi/resourceloading/ResourceBundleLocator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineGroupConversionForC
ascadedReturnValue.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/resolver/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/CodePointLengthValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/ModUtil.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyListPropertyValueExtractor.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/group/GroupSequenceProvider.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/NegativeDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCharSequence.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/mapping/MappingXmlParser.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/raw/ConstrainedField.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/mapping/ClassLoadingHelper.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadab
lePartial.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForBigInteger.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastJavaTimeValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/ConfiguredConstraint.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/provider/XmlMetaDataProvider.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/ExecutableMetaData.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/spi/scripting/ScriptEvaluator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManager.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/location/CrossParameterConstraintLocation.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/AssertFalseDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/ConstraintContextImplBase.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/ConstraintMetaData.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/core/ConstraintHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/AbstractMaxValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/SafeHtmlValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ConstructorConstraintMappingContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ContainerElementTarget.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/GetterCascadable.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/resolver/AbstractTraversableHolder.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/ConfigurationImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/CharArrayValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredConstructor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/AssertTrueDef.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/PositiveOrZeroValidatorForMonetaryAmount.jav
a

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\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/ValidatorContextImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/classhierarchy/ClassHierarchyHelper.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfClassesObjectFormatter.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/PropertyConstraintMappingContext.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractInstantBasedTimeValidator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForZonedDate  
Time.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalDateTime.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/SetContextClassLoader.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/OverridingMethodMustNotAlterParameterConstraints.j  
ava

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMonthDay.  
java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/ValidatorImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForMonthDay.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForYear.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/pl/REGONDef.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/CrossParameterTarget.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/Messages.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForHijrahDate.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForLong.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfFloat.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorFactoryImpl.java

\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/annotation/AnnotationDescriptor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/Range.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/time/DurationMinValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/groups/DefaultValidationOrder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/resolver/CachingJPATraversableResolverForSingleValidation.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForDouble.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetResolvedMemberMethods.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfLong.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedParameter.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/UniqueElementsDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForDouble.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/LengthDef.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/facets/Cascadable.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/MetaDataBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/groups/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/ParameterConstraintMappingContextImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDateTime.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/ScriptAssert.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ValidStaxBuilder.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/ExecutableFormatter.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/GroupConversionStaxBuilder.java



\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/groups/Group.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentJavaTimeValidator.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/TokenIterator.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/InterpolationTermState.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/raw/ConfigurationSource.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/scripting/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/DefaultConstraintMapping.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/DigitsValidatorForNumber.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/constraintvalidation/package-info.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigInteger.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForInteger.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForZonedDateTime.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/raw/package-info.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/TokenCollector.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/Incubating.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/ExecutableHelper.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/descriptor/BeanDescriptorImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineParameterConstraints.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfPrimitives.java

\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/config/BootstrapConfigurationImpl.java

\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

jar/org/hibernate/validator/internal/metadata/aggregated/FieldCascadable.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/valueextraction/MapKeyExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/util/CollectionHelper.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/metadata/aggregated/CascadingMetaDataAdapter.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/valueextraction/OptionalLongValueExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigDecimal.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfInt.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/cfg/defs/DigitsDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/NotBlank.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForNumber.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/valueextraction/BooleanArrayValueExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfByte.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/cfg/context/ConstraintDefinitionContextImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/cfg/context/ReturnValueTarget.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForOffsetDateTime.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/cfg/defs/CurrencyDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/util/privilegedactions/GetMethod.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/messageinterpolation/EIResolver.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/engine/valueextraction/ListViewValueExtractor.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/constraints/br/CNPJ.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigDecimal.java  
\*

/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PESELValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadableInstant.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForBigInteger.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/NegativeOrZeroDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorManager.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/IdentitySet.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ArrayElement.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/PatternDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/el/SimpleELContext.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionContext.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/formatter/ArrayOfClassesObjectFormatter.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/logging/package-info.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/pl/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalTime.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForInstant.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/MaxValidatorForCharSequence.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/TypeVariableBindings.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfFloat.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/CompositionType.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/ValidatorFactoryImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/constraintvalidators/bv/NotNullValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/pl/REGON.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/EAN.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MaxValidatorForMonetaryAmount.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/mapping/ClassConstraintTypeStaxBuilder.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/classhierarchy/Filter.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/annotation/ConstraintAnnotationDescriptor.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForDouble.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForMinguoDate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForFloat.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/AbstractScriptAssertValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/CloseIgnoringInputStream.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/stereotypes/Immutable.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForInteger.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/LuhnCheckDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/messageinterpolation/AbstractMessageInterpolator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/descriptor/ElementDescriptorImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/ServiceLoaderBasedConstraintMappingContributor.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/messageinterpolation/HibernateMessageInterpolatorContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetResource.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-

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jar/org/hibernate/validator/internal/engine/path/NodeImpl.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForBigDecimal.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttribute.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/MethodValidationConfiguration.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForFloat.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/PotentiallyContainerCascadingMetaData.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForJapaneseDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForByte.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/HibernateValidatorPermission.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/Mod10CheckDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/br/package-info.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ParameterScriptAssertValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/Cascadable.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/stereotypes/ThreadSafe.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/ParameterScriptAssertDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/pl/NIPDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/EANDef.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMaxValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/pl/PESEL.java

```

*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/rule/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalD
ate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForYear.ja
va
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertTrueValidator.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ConstructorTarget.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForFloat.ja
va
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/AnnotationDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForNumber.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForBigInte
ger.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/ISBNValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/ConstructorInstance.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastInstantBasedValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCollection.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ConstraintDefinitionTarget.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/IterableValueExtractor.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMinValidatorForCharSequence.java

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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/NotEmpty.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/messageinterpolation/ParameterMessageInterpolator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptionsImpl.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/cfg/context/PropertyConstraintMappingContextImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetMethods.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/xml/config/ResourceLoaderHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/AnnotationProcessingOptions.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorHelper.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/messageinterpolation/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/scripting/DefaultScriptEvaluatorFactory.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PolishNumberValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/pl/NIP.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalD
ateTime.java
*
/opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadablePa
rtial.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/util/InterpolationHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime
.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/GetInstancesFromServiceLoader.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/ReturnValueMetaData.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/time/package-info.java
*

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/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForFloat.java  
va  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/UniqueElementsValidator.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigInteger.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/ParameterTermResolver.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/CrossParameterStaxBuilder.java  
\*  
/opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForJapaneseDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForDate.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForCalendar.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadableInstant.java  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ELState.java  
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Found in path(s):  
\* /opt/cola/permits/1110675269\_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/TypeHelper.java  
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/\*



```

* Hibernate Validator, declare and validate application constraints
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/
/**
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* { @link javax.validation.ParameterNameProvider}. By default, { @code arg0}, { @code arg1}
* etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* { @code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/

```

Found in path(s):

```

* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

```

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```

/*
* Hibernate Validator, declare and validate application constraints
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.

```

```
*/
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */
```

Found in path(s):

```
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
```

# 1.164 websocket-client 9.4.18.v20190429

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Eclipse

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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## Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.165 websocket-common 9.4.18.v20190429

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit;org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.



org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

#### MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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#### Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.166 ucf 3.0038+nmu1

## 1.166.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: ucf

Upstream-Contact: Manoj Srivastava <srivasta@debian.org>

Source: <https://anonscm.debian.org/users/srivasta/debian/ucf.git>

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# 1.167 python-dateutil 2.8.1

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-----  
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## 1.169 idna 2.8

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```
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst
```

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"""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

"""

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
        'name': 'idna',
```

```

'packages': ['idna'],
'version': package_data['__version__'],
'description': 'Internationalized Domain Names in Applications (IDNA)',
'long_description': io.open("README.rst", encoding="UTF-8").read(),
'author': 'Kim Davies',
'author_email': 'kim@cynosure.com.au',
'license': 'BSD-like',
'url': 'https://github.com/kjd/idna',
'classifiers': [
    'Development Status :: 5 - Production/Stable',
    'Intended Audience :: Developers',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Topic :: Internet :: Name Service (DNS)',
    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

```

```
setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

\* /opt/cola/permits/1110810307\_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

## 1.170 appdirs 1.4.3

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## 1.176 webencodings 0.5.1

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```
0.5.1/webencodings/x_user_defined.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-
0.5.1/webencodings/tests.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-
0.5.1/webencodings/labels.py
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-
0.5.1/webencodings/__init__.py
No license file was found, but licenses were detected in source scan.
```

```
from setuptools import setup, find_packages
import io
from os import path
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language
:: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
```

```

'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Programming Language :: Python :: Implementation :: CPython',
'Programming Language :: Python :: Implementation :: PyPy',
'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

```

Found in path(s):

```

* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
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```

```

"""

```

```

webencodings.mklables

```

```

~~~~~

```

Regenerate the webencodings.labels module.

```

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```

```

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```

```

"""

```

```

import json

```

```

try:

```

```

    from urllib import urlopen

```

```

except ImportError:

```

```

    from urllib.request import urlopen

```

```

def assert_lower(string):

```

```

    assert string == string.lower()

```

```

    return string

```

```

def generate(url):

```

```

    parts = ["\

```

```

"""

```

```

webencodings.labels

```

```

~~~~~

```

Map encoding labels to their name.

```

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```



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"""

# XXX Do not edit!

# This file is automatically generated by mklabels.py

```
LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)
```

```
if __name__ == '__main__':
```

```
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))
```

Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: [me@gsnedders.com](mailto:me@gsnedders.com)

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>`\_.

\* Latest documentation: <http://packages.python.org/webencodings/>

\* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

\* PyPI releases: <http://pypi.python.org/pypi/webencodings>

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In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set

of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually

aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence

over any other encoding declaration.

The Encoding standard defines all such details so that implementations do

not have to reverse-engineer each other.

This module has encoding labels and BOM detection,

but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python

:: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: Implementation :: CPython

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Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-

0.5.1/webencodings.egg-info/PKG-INFO

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard

<<http://encoding.spec.whatwg.org/>>`\_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
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In order to be compatible with legacy web content when interpreting something like `Content-Type: text/html; charset=latin1`, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, `US-ASCII` and `iso-8859-1` on the web are actually aliases for `windows-1252`, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

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- \* `/opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst`

## 1.177 idna 2.10

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Found in path(s):

```
* /opt/cola/permits/1110905341_1606871385.15/0/kjd-idna-v2-10-0-ge5c11db-1-tar-gz/kjd-idna-b8defb9/LICENSE.rst
```

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\*\*\*\*

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

\*\*\*\*

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
```

```

'description': 'Internationalized Domain Names in Applications (IDNA)',
'long_description': io.open("README.rst", encoding="UTF-8").read(),
'author': 'Kim Davies',
'author_email': 'kim@cynosure.com.au',
'license': 'BSD-like',
'url': 'https://github.com/kjd/idna',
'classifiers': [
    'Development Status :: 5 - Production/Stable',
    'Intended Audience :: Developers',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Programming Language :: Python :: 3.7',
    'Programming Language :: Python :: 3.8',
    'Programming Language :: Python :: Implementation :: CPython',
    'Programming Language :: Python :: Implementation :: PyPy',
    'Topic :: Internet :: Name Service (DNS)',
    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
}

```

```
setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

```
* /opt/cola/permits/1110905341_1606871385.15/0/kjd-idna-v2-10-0-ge5c11db-1-tar-gz/kjd-idna-b8defb9/setup.py
```

## 1.178 python-dateutil 2.7.3

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-----  
dateutil - Extensions to the standard Python datetime module.

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## 1.180 packaging 19.2

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PACKAGE

```
package goautoneg
import "bitbucket.org/ww/goautoneg"
```

HTTP Content-Type Autonegotiation.

The functions in this package implement the behaviour specified in <http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html>

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## FUNCTIONS

func Negotiate(header string, alternatives []string) (content\_type string)  
Negotiate the most appropriate content\_type given the accept header and a list of alternatives.

func ParseAccept(header string) (accept []Accept)  
Parse an Accept Header string returning a sorted list of clauses

## TYPES

```
type Accept struct {  
    Type, SubType string  
    Q          float32  
    Params    map[string]string  
}
```

Structure to represent a clause in an HTTP Accept Header

## SUBDIRECTORIES

.hg

= vendor/bitbucket.org/ww/goautoneg/README.txt a33eda65f1bc658f358e1d690c6a93d4

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\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/ThreadNameJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/LoggingEventAsyncDisruptorAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/LoggingEventFormattedTimestampJsonProvider.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/AbstractThrowableClassNameJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/CallerDataJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/layout/AccessEventCompositeJsonLayout.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/LogstashAccessTcpSocketAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/HeaderFilter.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/Logback11Support.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/layout/LogstashAccessLayout.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/stacktrace/StackHasher.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-

jar/net/logstash/logback/composite/loggingevent/LogLevelJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/JsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/AccessEventCompositeJsonFormatter.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/decorate/cbor/CborJsonFactoryDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/mask/MaskingJsonGenerator.java  
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/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/destination/RandomDestinationConnectionStrategy.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/marker/RawJsonAppendingMarker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/listener/LoggingEventAppenderListenerImpl.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/mask/FieldNameBasedFieldMasker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/pattern/NodeWriter.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/decorate/NullJsonFactoryDecorator.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/LogstashUdpSocketAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/argument/StructuredArgument.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/status/LevelFilteringStatusListener.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/LoggingEventNestedJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/StackHashJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/marker/SingleFieldAppendingMarker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/ContextJsonProvider.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/ContextNameJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/decorate/EscapeNonAsciiJsonFactoryDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/LoggerNameJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/marker/ObjectFieldsAppendingMarker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/AbstractPatternJsonProvider.java

\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/loggingevent/ContextMapJsonProvider.java  
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/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/accessevent/RequestedUrlJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/FormattedTimestampJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/decorate/smile/SmileFeatureJsonGeneratorDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/mask/FieldMasker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/DelegatingAsyncDisruptorAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/pattern/AbstractJsonPatternParser.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/LogstashTcpSocketAppender.java  
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/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/fieldnames/LogstashFieldNames.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/listener/AppenderListener.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/AbstractNestedJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/decorate/FeatureDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/AsyncDisruptorAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/accessevent/StatusCodeJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/encoder/LogstashTcpEncoder.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/SSLLogstashTcpSocketAppender.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/encoder/LogstashAccessEncoder.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/decorate/yaml/YamlFeatureJsonGeneratorDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventJsonProviders.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/decorate/smile/SmileJsonFactoryDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/composite/GlobalCustomFieldsJsonProvider.java  
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/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-jar/net/logstash/logback/appender/AccessEventAsyncDisruptorAppender.java

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 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/decorate/FeatureJsonFactoryDecorator.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/marker/ObjectAppendingMarker.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/appender/destination/DestinationParser.java  
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 jar/net/logstash/logback/composite/accessevent/ResponseHeadersJsonProvider.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/appender/listener/AccessEventAppenderListenerImpl.java  
 \*  
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 jar/net/logstash/logback/decorate/NullJsonGeneratorDecorator.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/loggingevent/StackTraceJsonProvider.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/marker/MessageFormatCache.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/AbstractJsonProvider.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/appender/destination/RoundRobinDestinationConnectionStrategy.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/LogstashVersionJsonProvider.java  
 \*  
 /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/appender/LogstashAccessUdpSocketAppender.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/fieldnames/ShortenedFieldNames.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/loggingevent/RootStackTraceElementJsonProvider.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/appender/destination/DelegateDestinationConnectionStrategy.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/encoder/SeparatorParser.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/decorate/JsonGeneratorDecorator.java  
 \*  
 /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/marker/EmptyLogstashMarker.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/LogstashAccessFormatter.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/JsonProviders.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
 jar/net/logstash/logback/composite/loggingevent/MessageJsonProvider.java  
 \* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-

jar/net/logstash/logback/composite/loggingevent/UuidProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/FieldNamesAware.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/fieldnames/LogstashCommonFieldNames.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/SequenceJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/AbstractFieldJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/fieldnames/Pre50LogstashAccessFieldNames.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/RequestedUriJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/CachingAbbreviator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/JsonMessageJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/NotConnectedException.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
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\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/ThrowableClassNameJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/destination/DestinationConnectionStrategy.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/ElapsedTimeJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/AccessEventNestedJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/appender/ShutdownInProgressException.java  
\*  
/opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/marker/DeferredLogstashMarker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/mask/PathBasedFieldMasker.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/ContentLengthJsonProvider.java  
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\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/accessevent/AccessMessageJsonProvider.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/decorate/CharacterEscapesJsonFactoryDecorator.java  
\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/composite/loggingevent/RawMessageJsonProvider.java

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*
/opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/encoder/LogstashEncoder.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/decorate/JsonFactoryDecorator.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/composite/loggingevent/LoggingEventCompositeJsonFormatter.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/appender/listener/FailureSummaryAppenderListener.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/composite/accessevent/AccessEventPatternJsonProvider.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/composite/JsonWritingUtils.java
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*
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* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
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jar/net/logstash/logback/composite/CompositeJsonFormatter.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
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* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/status/DelegatingStatusListener.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/pattern/ValueGetter.java
* /opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/composite/accessevent/RequestHeadersJsonProvider.java
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*
/opt/cola/permits/1119187085_1608749228.22/0/logstash-logback-encoder-6-5-sources-
jar/net/logstash/logback/appender/destination/DestinationConnectionStrategyWithTtl.java
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```
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 */
/* Copy of { @link org.slf4j.helpers.BasicMarker } from slf4j-api v1.7.12,
 * with a minor change to make the constructor public,
```

\* so that it can be extended in other packages.  
\* <p>  
\* slf4j-api, { @link org.slf4j.helpers.BasicMarker}, and the portions  
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\* /opt/cola/permits/1119187085\_1608749228.22/0/logstash-logback-encoder-6-5-sources-  
jar/net/logstash/logback/marker/LogstashBasicMarker.java

## 1.183 aop-alliance 1.0

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# 1.186 python-certifi 2020.12.5

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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\* /opt/cola/permits/1124833062\_1611183141.82/0/xercesimpl-zip/xercesimpl-jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties

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```
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```

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## 1.189 attr 2.4.48-5

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section 10

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## 1.192 python-cffi 1.14.0-1build1



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## 1.193 mime-support 3.64ubuntu1

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## 1.195 Isb 11.1.0ubuntu2

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Version 3, 29 June 2007

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jar/org/apache/commons/logging/impl/SimpleLog.java
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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStream.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/SyntaxError.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/CannotReflectException.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformCall.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewWrappedMethod.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFilePrinter.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/AssignExpr.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtArray.java  
\*  
/opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtPrimitiveType.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-

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jar/javassist/compiler/ast/NewExpr.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/DeprecatedAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/compiler/MemberResolver.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/compiler/ast/MethodDecl.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/stackmap/BasicBlock.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/CodeAnalyzer.java
*
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewConstructor.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/CastExpr.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/Javac.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/SerialVersionUID.java  
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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Keyword.java  
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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/StackMapTable.java  
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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/ClassMap.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/CompileError.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/RemoteException.java  
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/opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ConstantAttribute.java

\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/AccessorMaker.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/SerializedProxy.java

# 1.207 commons-lang3 3.11

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# 1.208 javassist 3.27.0-GA

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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/Proxy.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Visitor.java

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/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Member.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotInvokeException.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewWrappedConstructor.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/ObjectNotFoundException.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/Mnemonic.java

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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/SubroutineScanner.java  
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 \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotReflectException.java  
 \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java  
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 \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolFactory.java  
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 /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/Modifier.java  
 \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/AnnotationsWriter.java  
 \* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-

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jar/javassist/CannotCompileException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/Expr.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/convert/TransformFieldAccess.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtPrimitiveType.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/Callback.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/JvstCodeGen.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/NewExpr.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/bytecode/ClassFile.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtMethod.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/ast/CondExpr.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/reflect/CannotCreateException.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/util/proxy/SecurityActions.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/ClassMap.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CodeConverter.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/bytecode/NestHostAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-

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jar/javassist/bytecode/AccessFlag.java
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jar/javassist/compiler/ast/ASTree.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/NotFoundException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/reflect/Metalevel.java
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jar/javassist/compiler/ast/Variable.java
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/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/reflect/Sample.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/Instanceof.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewMethod.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtBehavior.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/ast/Expr.java

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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ByteArray.java  
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/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ProceedHandler.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/MethodHandler.java  
\*  
/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformNew.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolRepository.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/Cast.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/NoFieldException.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/SyntaxError.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/TokenId.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/RuntimeSupport.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Pair.java  
\*  
/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformWriteField.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewConstructor.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ConstPool.java



\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/MultiType.java

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Found in path(s):

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/MemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/EnumMemberValue.java

\*

/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ByteMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ClassMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/MemberValueVisitor.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/FloatMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/IntegerMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/StringMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ArrayMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/BooleanMemberValue.java

\*

/opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/LongMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/CharMemberValue.java

\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-

jar/javassist/bytecode/annotation/Annotation.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/ShortMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/AnnotationMemberValue.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/DoubleMemberValue.java

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# 1.215 jakarta-el 3.0.2

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```

Found in path(s):

```
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/BasicStreamReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/FullDTDReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/StreamScanner.java
*
/opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/EncodingXmlWriter.java
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* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/XmlWriter.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDValidator.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/MinimalDTDReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDDTypingNonValidator.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/InputElementStack.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
```

```
jar/com/ctc/wstx/sw/ISOLatin1XmlWriter.java
*
/opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDEventListener.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/NsDefaultProvider.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/TypedStreamReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/BufferingXmlWriter.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/io/ReaderBootstrapper.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/io/ISOLatinReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/NsInputElementStack.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDValidatorBase.java
*
/opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/AsciiXmlWriter.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/TypedStreamWriter.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/io/WstxInputSource.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/XmlWriterWrapper.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDSubsetImpl.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/AttributeCollector.java
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- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/WstxInputLocation.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/stax/WstxEventFactory.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/evt/DefaultEventAllocator.java
- \*
- /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/AsciiReader.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/EBCDICCodec.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/UTF8Reader.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/UTF32Reader.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/exc/WstxException.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/exc/WstxLazyException.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/BaseNsContext.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/PrefixNameSet.java
- \*
- /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/WstxInputData.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/PrefixName.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/evt/BaseStartElement.java
- \* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/ent/EntityDecl.java

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\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DFAValidator.java

\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/StructValidator.java

\*

/opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DFAState.java

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\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/OutputElementBase.java

\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/SimpleOutputElement.java

\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/BijectiveNsMap.java

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\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sax/WstxSAXParserFactory.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sax/SAXProperty.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sax/WstxSAXParser.java  
\*  
/opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sax/WrappedSaxException.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sax/SAXFeature.java

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\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDSchemaFactory.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/evt/WstxEventReader.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/msv/AttributeProxy.java  
\*  
/opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/msv/BaseSchemaFactory.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/ElementIdMap.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/msv/RelaxNGSchema.java  
\* /opt/cola/permits/1135936598\_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-

```
jar/com/ctc/wstx/msv/RelaxNGSchemaFactory.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDSUBSET.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/msv/W3CSchemaFactory.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/util/SymbolTable.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/NonNsStreamWriter.java
*
/opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDElement.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DefaultAttrValue.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/msv/GenericMsvValidator.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/msv/W3CSchema.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sr/ValidatingStreamReader.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/stax/WstxInputFactory.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDAAttribute.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/stax/WstxOutputFactory.java
*
/opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/dtd/DTDId.java
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jar/com/ctc/wstx/sw/SimpleNsStreamWriter.java
* /opt/cola/permits/1135936598_1613638434.54/0/woodstox-core-asl-4-0-11-sources-3-
jar/com/ctc/wstx/sw/BaseNsStreamWriter.java
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jar/com/ctc/wstx/sw/RepairingNsStreamWriter.java
```

## 1.217 woodstox-core 5.1.0

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## 1.218 stax 3.1.4

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\*/opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/dom/DOMWrappingReader.java

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\*/opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2Util.java

\*/opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/dom/DOMWrappingWriter.java

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\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2WriterAdapter.java

\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2WriterImpl.java

\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2ReaderImpl.java

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/\* Reference Implementation of

\* Stax2 extension API (for basic Stax API, JSR-173)

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\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/ValueEncoderFactory.java

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/\* StAX2 extension for StAX API (JSR-173).

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jar/org/codehaus/stax2/ri/typed/Base64DecoderBase.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/CharArrayBase64Decoder.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/StringBase64Decoder.java
*
/opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/util/StreamWriterDelegate.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/NumberUtil.java
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```
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/Base64Variant.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/Base64Variants.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/XMLStreamReader2.java
```

```
*
```

```
/opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/TypedXMLStreamReader.java
```

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```
/* Reference Implementation of
```

```
* Stax2 extension API (for basic Stax API, JSR-173)
```

```
*
```

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\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/typed/ValueDecoderFactory.java  
\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/typed/AsciiValueEncoder.java

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\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/Stax2EventReaderImpl.java

# 1.219 reactive-streams 1.0.0

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```
/** The entry point into Scala runtime reflection.
 *
 * To use Scala runtime reflection, simply use or import `scala.reflect.runtime.universe._`
 *
 * See [[scala.reflect.api.Universe]] or the
 * [[http://docs.scala-lang.org/overviews/reflection/environment-universes-mirrors.html Reflection Guide:
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 * for more details.
 */
```

Found in path(s):

```
* /opt/cola/permits/1135959082_1613641379.79/0/scala-reflect-2-11-12-sources-4-
jar/scala/reflect/runtime/package.scala
```

## 1.221 go-yaml 2.4.0

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# 1.222 mongodb-driver 3.6.4

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```
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/util/CopyOnWriteMap.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/util/AbstractCopyOnWriteMap.java
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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/OperationExecutor.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONSerializers.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/types/StringRangeSet.java  
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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DistinctIterableImpl.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/DistinctIterable.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/AggregateIterable.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MapReduceIterable.java  
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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MapReduceIterableImpl.java

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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DB.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONCallback.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BasicBSONCallback.java

\*

/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/EmptyBSONCallback.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BSONCallback.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/org/bson/BSONCallbackAdapter.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/org/bson/types/BasicBSONList.java

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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/com/mongodb/DBObjectCodec.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/com/mongodb/DBCollectionObjectFactory.java

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Found in path(s):

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-



```
jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSUploadStream.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/package-info.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/gridfs/GridFSBucket.java
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Found in path(s):

```
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/ListCollectionsIterable.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ListDatabasesIterableImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ListCollectionsIterableImpl.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ListIndexesIterableImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/ListIndexesIterable.java
```

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/ListDatabasesIterable.java

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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBCursor.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/Mongo.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoCollection.java

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Found in path(s):

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoCollectionImpl.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

jar/com/mongodb/DBCollection.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoClientOptions.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoDatabaseImpl.java  
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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/ClientSessionBinding.java  
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\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

```
jar/com/mongodb/client/model/DBCcollectionFindOptions.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/DBCcollectionRemoveOptions.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/DBCcollectionFindAndModifyOptions.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/DBCcollectionDistinctOptions.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBObjectCollationHelper.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/DBCcollectionCountOptions.java
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Found in path(s):
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ChangeStreamIterableImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/MongoIterableImpl.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/ChangeStreamIterable.java
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- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCreateViewOptions.java
- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/jndi/MongoClientFactory.java
- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/jndi/package-info.java

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- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoMappingCursor.java
- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/GroupCommand.java
- \* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/types/CodeWScope.java

\*

/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteOperation.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBList.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionUpdateOptions.java

\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

```

jar/org/bson/BasicBSONDecoder.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/Util.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BSONObject.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/MongoIterable.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/InsertRequest.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/util/Function.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/QueryBuilder.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DDBObjectFactory.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/gridfs/GridFS.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/package-
info.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBDecoderFactory.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/Cursor.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/io/Bits.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/WriteResult.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBCallback.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBCallbackFactory.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/BasicDBObjectFactory.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/util/package-
info.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/BasicDBObject.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/UpdateRequest.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/LazyDBObject.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/UnacknowledgedBulkWriteResult.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ParallelScanOptions.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/LazyDBCallback.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/LazyBSONObject.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-

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jar/com/mongodb/AggregationOptions.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBObjectCodecProvider.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/client/FindIterable.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/RemoveRequest.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/MapReduceCommand.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DefaultDBEncoder.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/util/AbstractObjectSerializer.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBEncoderFactoryAdapter.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BSON.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/MongoBatchCursorAdapter.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/BulkWriteHelper.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBAddress.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/MongoURI.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/gridfs/GridFSInputFile.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/QueryOperators.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/util/ComputingMap.java
*
/opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/util/ClassMapBasedObjectSerializer.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/LazyBSONList.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/gridfs/GridFSDBFile.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/DBDecoderAdapter.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/util/ClassMap.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/org/bson/BSONEncoder.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/MongoClientURI.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/FindIterableImpl.java
*

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/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/LazyBSONDecoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/Bytes.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BSONTimestampCodec.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBEncoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObjectBuilder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoDatabase.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/AcknowledgedBulkWriteResult.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BasicBSONObject.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteError.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/WriteConcernError.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteUpsert.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoOptions.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/BSONDecoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DefaultDBDecoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/CommandResult.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/CompoundDBObjectCodec.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/types/BSONTimestamp.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/package-info.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONParseException.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteException.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoCursor.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-jar/org/bson/LazyBSONCallback.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-



jar/com/mongodb/InsertOptions.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoClient.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DBObject.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DefaultDBCallback.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DBEncoderAdapter.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/WriteRequest.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/ReplicaSetStatus.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/gridfs/CLI.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MappingIterable.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/util/ObjectSerializer.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/BulkWriteRequestBuilder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/AggregationOutput.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/ReplaceRequest.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoCursorAdapter.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/org/bson/BasicBSONEncoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/BulkUpdateRequestBuilder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DBDecoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/LazyDBDecoder.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/org/bson/util/ClassAncestry.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DBObjects.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/DBEncoderFactory.java  
\*  
/opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/BasicDBList.java  
\* /opt/cola/permits/1136016891\_1613654529.94/0/mongodb-driver-3-6-4-sources-1-  
jar/com/mongodb/MapReduceOutput.java

```
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/BulkWriteResult.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/ReflectionDBObject.java
* /opt/cola/permits/1136016891_1613654529.94/0/mongodb-driver-3-6-4-sources-1-
jar/com/mongodb/gridfs/GridFSFile.java
```

## 1.223 bson 3.6.4

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```
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonDoubleConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/LegacyExtendedJsonBinaryConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ShellRegularExpressionConverter.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonNullConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonInt32Converter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/JsonDoubleConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ShellUndefinedConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ShellDateTimeConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonStringConverter.java
```

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellMinKeyConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellBinaryConverter.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonInt64Converter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonSymbolConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/DateTimeFormatter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellTimestampConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellInt64Converter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonTimestampConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/StrictJsonWriter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellObjectIdConverter.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellMaxKeyConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMinKeyConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonObjectIdConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt64Converter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ShellDecimal128Converter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonUndefinedConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDateTimeConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDateTimeConverter.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriterSettings.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonRegularExpressionConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDecimal128Converter.java

```
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/JsonBooleanConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonBinaryConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonInt32Converter.java
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* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonTypeCodecMap.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/json/StrictCharacterStreamJsonWriter.java
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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/AbstractBsonReader.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonReader.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/FloatCodec.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBinaryReader.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ByteCodec.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ShortCodec.java  
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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/configuration/CodecConfigurationException.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/diagnostics/Loggers.java

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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/AbstractBsonWriter.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBinaryWriter.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonType.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonValue.java

\*

/\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonWriter.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDocumentWriter.java

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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDbPointer.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/ByteBufNIO.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonInt64.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonJavaScript.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBinary.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonMaxKey.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBoolean.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/RawBsonDocument.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDateTime.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonObjectId.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonArray.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonJavaScriptWithScope.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDouble.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/ByteBuf.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonInt32.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonTimestamp.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDocumentWrapper.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonSymbol.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonNull.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonString.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDocument.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonMinKey.java  
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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionSetPrivateFieldImpl.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyCodecRegistryImpl.java



\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/EnumPropertyCodecProvider.java

\*

/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionUseGettersAsSettersImpl.java

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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModelSerializationImpl.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodecProvider.java

\*

/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyCodecProvider.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonId.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/diagnostics/SLF4JLogger.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BigDecimalCodec.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonReaderMark.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeWithTypeParameters.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertySerialization.java

```
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/annotations/package-info.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/diagnostics/JULLogger.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/annotations/BsonDiscriminator.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/annotations/BsonProperty.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PropertyCodecRegistry.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/diagnostics/Logger.java
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jar/org/bson/codecs/pojo/CreatorExecutable.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/InstanceCreator.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/Conventions.java

\*

/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/Convention.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/PropertyMetadata.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodec.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/PropertyAccessor.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/InstanceCreatorImpl.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/ConventionDefaultsImpl.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/PropertyReflectionUtils.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeData.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/pojo/DiscriminatorLookup.java

\*

```
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/annotations/BsonIgnore.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/NumberCodecHelper.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PropertyAccessorImpl.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/LazyPojoCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/InstanceCreatorFactory.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PojoBuilderHelper.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/InstanceCreatorFactoryImpl.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PropertyModelBuilder.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModel.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/annotations/BsonCreator.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/ClassModelBuilder.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PropertyModel.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/pojo/TypeParameterMap.java
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* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/conversions/Bson.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/AtomicLongCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/CharacterCodec.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/AtomicBooleanCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/AtomicIntegerCodec.java
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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecCache.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/conversions/package-info.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/assertions/package-info.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/Optional.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonValueCodec.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/package-info.java

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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonUndefinedCodec.java  
\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/UuidCodecProvider.java  
\*  
/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/UuidRepresentation.java

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jar/org/bson/codecs/Decimal128Codec.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonDecimal128.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-

jar/org/bson/codecs/BsonDecimal128Codec.java

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/opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/IterableCodec.java

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- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BooleanCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/BasicOutputBuffer.java
- \*
- /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/package-info.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonInt32Codec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/PatternCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/Encoder.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/MapCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/package-info.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonRegularExpressionCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/OutputBuffer.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonObjectIdCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDoubleCodec.java
- \*
- /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/MapCodecProvider.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonMaxKeyCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/StringCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonWriterSettings.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/DocumentCodecProvider.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/MaxKeyCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/Codec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/DocumentCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/DoubleCodec.java
- \*
- /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/Code.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonArrayCodec.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonTokenType.java
- \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/CodeWithScope.java



\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/CollectibleCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/ByteBufferBsonInput.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/Transformer.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDBPointerCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonScanner.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/package-info.java  
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 /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecProvider.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/Decoder.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/IdGenerator.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/ChildCodecRegistry.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ObjectIdCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonContextType.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/ObjectId.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonStringCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonNullCodec.java  
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 /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonInvalidOperationException.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ObjectIdGenerator.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/diagnostics/package-info.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/BsonOutput.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonBinaryCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/CodeCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/LongCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDocumentCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/MaxKey.java  
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 /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/Symbol.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonMode.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonSerializationException.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBinaryWriterSettings.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/DecoderContext.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BSONException.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/io/BsonInput.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/package-info.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonMinKeyCodec.java  
 \* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonBuffer.java  
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/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonTypeClassMap.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonBooleanCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/StringUtils.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/NoOpFieldNameValidator.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonTimestampCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonDateTimeCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/DateCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonWriterSettings.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/RawBsonDocumentCodec.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/MinKey.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/CodeWithScopeCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BinaryCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/MinKeyCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/UuidCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonBinarySubType.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/package-info.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/IntegerCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ByteArrayCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonNumber.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/FieldNameValidator.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonJavaScriptCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/BsonElement.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/configuration/ProvidersCodecRegistry.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/types/Binary.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/EncoderContext.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/configuration/CodecRegistry.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonParseException.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonDocumentWrapperCodec.java
*
/opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonJavaScriptWithScopeCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/BsonSymbolCodec.java
* /opt/cola/permits/1136016826_1613654489.27/0/bson-3-6-4-sources-1-
jar/org/bson/codecs/configuration/LazyCodec.java

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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonInt64Codec.java  
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\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/BsonValueCodecProvider.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/codecs/ValueCodecProvider.java

\* /opt/cola/permits/1136016826\_1613654489.27/0/bson-3-6-4-sources-1-jar/org/bson/json/JsonToken.java

\*

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\* <https://github.com/eclipse-ee4j/jaxrs-api>

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## 1.225 jakarta-el-api 3.0.2

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The

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.  
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

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## 1.239 libgpg-error 1.37 1

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# 1.240 e2fsprogs 1.45.5 2ubuntu1

## 1.240.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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```
#  
# This is a Makefile stub which handles the creation of BSD shared  
# libraries.  
#  
# In order to use this stub, the following makefile variables must be defined.  
#  
# BSDLIB_VERSION = 1.0  
# BSDLIB_IMAGE = libce  
# BSDLIB_MYDIR = et  
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)  
#
```

all:: image

```
real-subdirs:: Makefile  
@echo " MKDIR pic"  
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)  
BSDLIB_PIC_FLAG = -fpic
```

image: \$(BSD\_LIB)

```
$(BSD_LIB): $(OBJS)  
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))  
$(MV) pic/$(BSD_LIB) .  
$(RM) -f ../$(BSD_LIB)  
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)  
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"  
@$(INSTALL_PROGRAM) $(BSD_LIB) \  
$(DESTDIR)$BSDLIB_INSTALL_DIR)/$(BSD_LIB)  
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$ (BSDLIB\_INSTALL\_DIR)/\$(BSD\_LIB)

clean::

\$(RM)

-rf pic

\$(RM) -f \$(BSD\_LIB)

\$(RM) -f ../\$(BSD\_LIB)

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Index: tdbsa/tdb.c

-----  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.  
+ trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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```

```
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```

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```
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```

```
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```

```
Ty Coon, President of Vice
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before you ship. The release schedules for this package are flexible, if you give me enough lead time.

Theodore Ts'o  
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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# 1.242 gzip 1.10 Oubuntu4

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```
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```

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# 1.243 libsepol 3.0 1

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# 1.244 ncurses 6.2 Oubuntu2

## 1.244.1 Available under license :

Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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-- vile:txtmode fc=72  
-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$  
Upstream source <https://invisible-island.net/ncurses/ncurses.html>  
This package is used for testing builds of ncurses.

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## 1.245 libffi 3.3 4

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## 1.247 bash 5.0 6ubuntu1.1

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## 1.248 coreutils 8.30 3ubuntu2

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## 1.249 grep 3.4 1

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## 1.250 dash 0.5.10.2 6

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%% winjs version 4.4.0 (<https://github.com/winjs/winjs>)

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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## 1.254 mongo-java-driver 3.6.4

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```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/Connection.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/AsyncConnection.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CurrentOpOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/FsyncUnlockOperation.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/diagnostics/logging/package-info.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/package-info.java

\*

/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/conversions/package-info.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/async/package-info.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BsonArrayWrapper.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/DistinctIterable.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/package-info.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/assertions/package-info.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-



```
jar/org/bson/codecs/configuration/CodecCache.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/MapReduceIterable.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/configuration/package-info.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/result/package-info.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/assertions/package-info.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/netty/package-info.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/configuration/Optional.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/DistinctIterableImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/ReturnDocument.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/configuration/MapOfCodecsProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/AggregateIterable.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/package-info.java
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```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/BsonDocumentReader.java
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 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/util/JSONSerializers.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/OperationExecutor.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/diagnostics/Loggers.java
 *
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/OperationExecutor.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/JsonReader.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/DocumentToDBRefTransformer.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/types/StringRangeSet.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/util/JSON.java
 * /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/configuration/CodecConfigurationException.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/package-info.java  
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/\*\*

\* Returns an array containing all of the elements in this deque, in

\* proper sequence (from first to last element).

\*

\* <p>The returned array will be "safe" in that no references to it are

\* maintained by this deque. (In other words, this method must allocate

\* a new array). The caller is thus free to modify the returned array.

\*

\* <p>This method acts as bridge between array-based and collection-based

\* APIs.

\*

\* @return an array containing all of the elements in this deque

\*/

Found in path(s):

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonBinaryWriter.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/RenameCollectionOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateCollectionOperation.java

\*

/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/OperationHelper.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonValue.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropUserOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoCollectionImpl.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/UserOperationHelper.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropCollectionOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateUserOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDocumentWriter.java

\*

/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MapReduceToCollectionOperation.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/GraphLookupOptions.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

```
jar/com/mongodb/operation/DropIndexOperation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/AggregateToCollectionOperation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/MongoDatabaseImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/MongoClientOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/UpdateUserOperation.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonWriter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/AbstractBsonWriter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonType.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/CreateIndexesOperation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/DropDatabaseOperation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/DBCollection.java
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/codecs/PointCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/codecs/GeometryEncoderHelper.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/ListDatabasesIterable.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/package-info.java
```

```

* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/codecs/GeoJsonCodecProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/CommandListenerMulticaster.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/ListCollectionsIterableImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/IndexHelper.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactoryFactory.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/codecs/package-info.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/Position.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/bulk/IndexRequest.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/AtomicLongCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/StreamFactoryFactory.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/conversions/Bson.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/ListCollectionsIterable.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/Point.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/CharacterCodec.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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jar/com/mongodb/binding/AsyncSingleConnectionReadBinding.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/IndexModel.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/NamedCoordinateReferenceSystem.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/gejson/Geometry.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/ListDatabasesIterableImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/AtomicIntegerCodec.java
*
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

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jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/geojson/CoordinateReferenceSystem.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/connection/CompositeByteBuf.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/operation/QueryHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/org/bson/codecs/AtomicBooleanCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/binding/SingleConnectionReadBinding.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/geojson/LineString.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/geojson/codecs/GeometryDecoderHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/selector/WritableServerSelector.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/ListIndexesIterable.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/ListIndexesIterableImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/geojson/CoordinateReferenceSystemType.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/geojson/MultiPoint.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

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jar/com/mongodb/session/SessionContext.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/session/ClientSession.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/session/package-info.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/DropIndexOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/ClientSessionOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/pojo/PropertyCodecRegistryImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/session/ServerSessionPool.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/pojo/EnumPropertyCodecProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/pojo/ConventionSetPrivateFieldImpl.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/CreateIndexOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/pojo/ConventionUseGettersAsSettersImpl.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/session/ClientSessionContext.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/session/ClientSessionImpl.java
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- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerOpeningEvent.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerMonitorListener.java
- \*
- /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerHeartbeatStartedEvent.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerListener.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerClosedEvent.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerDescriptionChangedEvent.java

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- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/WriteConcern.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/selector/ReadPreferenceServerSelector.java
- \*
- /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCollectionObjectFactory.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectCodec.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

jar/com/mongodb/selector/PrimaryServerSelector.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/AggregateIterableImpl.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyAccessor.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorFactory.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModel.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeData.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MixedBulkWriteOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerMonitorListenerAdapter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/CommandListenerMulticaster.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModelBuilder.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BulkWriteBatch.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonCreator.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/gejson/codecs/GeometryCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/BsonWriterHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BaseFindAndModifyOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerListenerAdapter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/AutomaticPojoCodec.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/OperationType.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ChangeStreamIterableImpl.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/EventListenerHelper.java

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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoIterableImpl.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SplittablePayloadBsonWriter.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/DiscriminatorLookup.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreator.java

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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/ServerMonitorListenerMulticaster.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodec.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/LevelCountingBsonWriter.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModelBuilder.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoChangeStreamException.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/LazyPojoCodec.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModel.java

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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/UpdateDescription.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonIgnore.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/ChangeStreamIterable.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AsyncChangeStreamBatchCursor.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

jar/org/bson/codecs/NumberCodecHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/AbstractByteBufferBsonDocument.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/CommandProtocolImpl.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyAccessorImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorFactoryImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/dns/DnsResolver.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/ServerListenerMulticaster.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/OperationTypeCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/CreatorExecutable.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/Conventions.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/ClusterListenerMulticaster.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterClockAdvancingSessionContext.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/FullDocument.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeParameterMap.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/package-info.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionDefaultsImpl.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/Convention.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyReflectionUtils.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyMetadata.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SplittablePayload.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ElementExtendingBsonWriter.java

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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/ReadConcernHelper.java
```

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*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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jar/com/mongodb/client/model/DeleteOneModel.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/UuidCodecProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/BsonUndefinedCodec.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/UuidCodecHelper.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/WriteError.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/UuidRepresentation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/ExponentiallyWeightedMovingAverage.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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jar/org/bson/assertions/Assertions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/assertions/Assertions.java
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jar/org/bson/BsonDecimal128.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/BsonDecimal128Codec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/AsyncSingleBatchQueryCursor.java
*
```

```
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/BucketAutoOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/types/Decimal128.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/BucketOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/Decimal128Codec.java
```



```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/IterableCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/ServerHeartbeatSucceededEvent.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/Field.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/Facet.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/BucketGranularity.java
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jar/com/mongodb/connection/ClientMetadataHelper.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/CreateViewOptions.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/ConnectionRemovedEvent.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/ConnectionCheckedOutEvent.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/ConnectionAddedEvent.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/Converter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/event/ConnectionPoolWaitQueueEnteredEvent.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/jndi/package-info.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonTypeCodecMap.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/CommandEventMulticaster.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionClosedEvent.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolClosedEvent.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/Time.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolWaitQueueExitedEvent.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateViewOperation.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionCheckedInEvent.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerEventMulticaster.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/SniSslHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/Java8SniSslHelper.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ClusterListener.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/BasicBSONList.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONCallback.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ClusterOpeningEvent.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SaslAuthenticator.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DefaultClusterableServerFactory.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

jar/com/mongodb/connection/SocketStreamHelper.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoCredential.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/event/ConnectionPoolOpenedEvent.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
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jar/com/mongodb/connection/GSSAPIAuthenticator.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/event/ConnectionMessageReceivedEvent.java  
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jar/com/mongodb/connection/netty/NettyStream.java  
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jar/com/mongodb/connection/MultiServerCluster.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/org/bson/json/JsonWriter.java

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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/ServerDescription.java
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jar/org/bson/codecs/BsonValueCodecProvider.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/EmptyBSONCallback.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DB.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/ChangeEvent.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/BasicBSONCallback.java
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jar/com/mongodb/internal/event/ConnectionPoolListenerMulticaster.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/RequestMessage.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/WriteProtocol.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/KillCursorProtocol.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DeleteProtocol.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/FindOneAndDeleteOptions.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonJavaScriptWithScope.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/NettyByteBuf.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Mongo.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonMinKey.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDateTime.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDocument.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonRegularExpression.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/InsertProtocol.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonTimestamp.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DeleteMessage.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/UpdateMessage.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/UserExistsOperation.java  
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jar/com/mongodb/client/model/geojson/codecs/LineStringCodec.java  
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jar/com/mongodb/client/model/geojson/PolygonCoordinates.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
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jar/com/mongodb/client/model/geojson/MultiLineString.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoWriteException.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/Logger.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/JULLogger.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BigDecimalCodec.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonId.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/package-info.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonReaderMark.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodecImpl.java

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- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/package-info.java
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- /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionRemoveOptions.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/Collation.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoDriverInformation.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionDistinctOptions.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionCountOptions.java
- \*
- /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionFindAndModifyOptions.java
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- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCcollectionFindOptions.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CollationStrength.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectCollationHelper.java
- \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CollationCaseFirst.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonNullConverter.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt64Converter.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellObjectIdConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellDecimal128Converter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellMinKeyConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellDateTimeConverter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java  
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonObjectIdConverter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonUndefinedConverter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/JsonInt32Converter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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*
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/JsonDoubleConverter.java
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonMinKeyConverter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/ShellRegularExpressionConverter.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/JsonBooleanConverter.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/json/ExtendedJsonTimestampConverter.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/UpdateOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/StreamFactory.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/MapCodec.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerType.java

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 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteResult.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/UnacknowledgedBulkWriteResult.java  
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 /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObjectBuilder.java  
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 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/annotations/package-info.java  
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jar/com/mongodb/internal/connection/ConcurrentPool.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoder.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/ReadBinding.java  
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\*  
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\*  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/CollectibleCodec.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDateTimeCodec.java  
\*  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/selector/LatencyMinimizingServerSelector.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoderFactory.java  
\*  
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jar/com/mongodb/connection/PlainAuthenticator.java  
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/DefaultDBEncoder.java
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/UpdateOneModel.java

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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/DocumentCodecProvider.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/InternalStreamConnectionFactory.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/Symbol.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/package-info.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonScanner.java  
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 /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/RemoveRequest.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BSONTimestampCodec.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/NoOpFieldNameValidator.java  
 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/QueryBuilder.java  
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 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/RawBsonDocumentCodec.java  
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 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ReadPreference.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/UpdateOptions.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/EncoderContext.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/AsyncWritableByteChannel.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/ReferenceCounted.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/DateCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCallbackFactory.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DeleteOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectFactory.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoClientException.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBObject.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BSONObject.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/AggregationOutput.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/FindAndDeleteOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoCommandException.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonJavaScriptCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/package-info.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BooleanCodec.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/management/ConnectionPoolStatistics.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ParallelCollectionScanOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Bytes.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/InsertOperation.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/InternalConnectionInitializer.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoSocketOpenException.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

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jar/com/mongodb/management/MBeanServerFactory.java
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/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/DoubleCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/BsonContextType.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/UpdateManyModel.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/MongoIncompatibleDriverException.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/ReplicaSetStatus.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/AsynchronousSocketChannelStream.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/package-
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*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/Code.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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jar/com/mongodb/connection/FutureAsyncCompletionHandler.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/WriteModel.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoBatchCursorAdapter.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/util/AbstractObjectSerializer.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/io/BsonOutput.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Block.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

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jar/com/mongodb/management/JMXConnectionPoolListener.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/operation/AsyncWriteOperation.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/FieldNameValidator.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/CompoundDBObjectCodec.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/LazyDBList.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/binding/package-info.java
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jar/com/mongodb/MongoExecutionTimeoutException.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/codecs/BsonInt32Codec.java
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jar/com/mongodb/BulkWriteRequestBuilder.java
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObject.java  
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 \* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerId.java  
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/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/AcknowledgedBulkWriteResult.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoNamespace.java  
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\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoInterruptedException.java  
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
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* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/FindIterable.java
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jar/org/bson/BsonUndefined.java
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jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/package-info.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/MongoGridFSException.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/GridFSBucket.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/GridFSBucketImpl.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/GridFSDownloadStream.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/InsertOneOptions.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/model/package-info.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/IndexOptionDefaults.java  
\*  
/opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/GridFSBuckets.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/ValidationAction.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/model/ValidationOptions.java  
\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-  
jar/com/mongodb/client/gridfs/GridFSUploadStream.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterable.java

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\*/

Found in path(s):

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/org/bson/internal/UnsignedLongs.java

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\*/

Found in path(s):

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/CommandProtocol.java

\* /opt/cola/permits/1137568163\_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-

```
jar/com/mongodb/connection/Compressor.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/OpCode.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/ZlibCompressor.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/LegacyMessage.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/connection/NoOpSessionContext.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/CompressedMessage.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/MongoCompressor.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/ClientSessionBinding.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/ClusterClock.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/SnappyCompressor.java
*
/opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/LegacyProtocol.java
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/CommandMessage.java
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*/
```

Found in path(s):

```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/thread/DaemonThreadFactory.java
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/netty/ReadTimeoutHandler.java
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1137568163_1614103227.41/0/mongo-java-driver-3-6-4-sources-1-
jar/org/bson/internal/Base64.java
```



# 1.255 scala-compiler 2.11.12

## 1.255.1 Available under license :

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```
/**
 * @preserve jquery.layout 1.3.0 - Release Candidate 30.62
 * $Date: 2012-08-04 08:00:00 (Thu, 23 Aug 2012) $
 * $Rev: 303006 $
 *
 * Copyright (c) 2012
 * Fabrizio Balliano (http://www.fabrizioballiano.net)
 * Kevin Dalman (http://allpro.net)
 *
 * Dual licensed under the GPL (http://www.gnu.org/licenses/gpl.html)
 * and MIT (http://www.opensource.org/licenses/mit-license.php) licenses.
 *
 * Changelog: http://layout.jquery-dev.net/changelog.cfm#1.3.0.rc30.62
 * NOTE: This is a short-term release to patch a couple of bugs.
 * These bugs are listed as officially fixed in RC30.7, which will be released shortly.
 *
 * Docs: http://layout.jquery-dev.net/documentation.html
 * Tips: http://layout.jquery-dev.net/tips.html
 * Help: http://groups.google.com/group/jquery-ui-layout
 */
```

Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/nsc/doc/html/resource/lib/jquery.layout.js
```

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```
/*
 * tools.tooltip 1.1.3 - Tooltips done right.
 *
 * Copyright (c) 2009 Tero Piirainen
 * http://flowplayer.org/tools/tooltip.html
 *
 * Dual licensed under MIT and GPL 2+ licenses
 * http://www.opensource.org/licenses
 *
 * Launch : November 2008
 * Date: ${date}
 * Revision: ${revision}
 */
```

Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
```

jar/scala/tools/nsc/doc/html/resource/lib/tools.tooltip.js

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Found in path(s):

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ZipArchiveFileLookup.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FlatClassPathFactory.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/util/ClassFileLookup.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/ClassPathMemoryConsumptionTester.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FileUtils.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ZipAndJarFileLookupFactory.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/AggregateFlatClassPath.scala

\*

/opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/PackageNameUtils.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ClassPathFactory.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FlatClassPath.scala

\* /opt/cola/permits/1137705499\_1614118796.86/0/scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/DirectoryFlatClassPath.scala

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/\*\* <p>

\* Post-attribution checking and transformation.

\* </p>

\* <p>

\* This phase performs the following checks.

\* </p>

\* <ul>

\* <li>All overrides conform to rules.</li>

\* <li>All type arguments conform to bounds.</li>

\* <li>All type variable uses conform to variance annotations.</li>

\* <li>No forward reference to a term symbol extends beyond a value definition.</li>

\* </ul>

\* <p>

\* It performs the following transformations.

\* </p>

```
* <ul>
* <li>Local modules are replaced by variables and classes</li>
* <li>Calls to case factory methods are replaced by new's.</li>
* <li>Eliminate branches in a conditional if the condition is a constant</li>
* </ul>
*
* @author Martin Odersky
* @version 1.0
*
* @todo Check whether we always check type parameter bounds.
*/
```

Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/nsc/typechecker/RefChecks.scala
```

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Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/ant/templates/tool-unix.tmpl
```

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Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/ant/templates/tool-windows.tmpl
```

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```
/** The main attribution phase.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/nsc/typechecker/Analyzer.scala
```

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```
// Licensed under the MIT (http://raphaeljs.com/license.html) license. \\
```

Found in path(s):

```
* /opt/cola/permits/1137705499_1614118796.86/0/scala-compiler-2-11-12-sources-4-
jar/scala/tools/nsc/doc/html/resource/lib/raphael-min.js
```

# 1.256 python-dateutil 2.7.3-1.ph3

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-----  
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## 1.257 python-setuptools 45.2.0-1

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## 1.258 six 1.14.0-2

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## 1.259 wheel 0.34.2-1

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## 1.260 psutil 5.5.1-1ubuntu4

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## 1.261 python-certifi 2019.11.28-1

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.262 python-idna 2.8-1

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```
* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/LICENSE.rst
```

No license file was found, but licenses were detected in source scan.

```
"""
```

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```
        'license': 'BSD-like',
```

```
        'url': 'https://github.com/kjd/idna',
```

```
        'classifiers': [
```

```
            'Development Status :: 5 - Production/Stable',
```

```
            'Intended Audience :: Developers',
```

```
            'Intended Audience :: System Administrators',
```

```
            'License :: OSI Approved :: BSD License',
```

```
            'Operating System :: OS Independent',
```

```
            'Programming Language :: Python',
```

```
            'Programming Language :: Python :: 2',
```

```
            'Programming Language :: Python :: 2.7',
```

```
            'Programming Language :: Python :: 3',
```

```

'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

```

```
setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/setup.py

No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: [kim@cynosure.com.au](mailto:kim@cynosure.com.au)

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`\_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`\_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`\_).

Basic functions are simply executed:

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
```

```
# Python 2
>>> import idna
>>> idna.encode('.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
```

## Packages

-----

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
:target: http://badge.fury.io/py/idna
```

## Installation

-----

To install this library,  
you can use pip:

```
.. code-block:: bash
```

```
$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash
```

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

## Usage

-----

For typical usage, the ``encode`` and ``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the `idna.codec` module:

```
.. code-block:: pycon
```

```
# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

```
.. code-block:: pycon
```

```
# Python 2
>>> idna.alabel(u"
'xn--0zwm56d'
```

#### Compatibility Mapping (UTS #46)

```
+++++
```

As described in [RFC 5895](http://tools.ietf.org/html/rfc5895) [\(<http://tools.ietf.org/html/rfc5895>](http://tools.ietf.org/html/rfc5895)), the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as [Unicode IDNA Compatibility Processing](http://unicode.org/reports/tr46/) [\(<http://unicode.org/reports/tr46/>](http://unicode.org/reports/tr46/)), it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as `*LATIN CAPITAL LETTER K*` is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen
```

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the \*LATIN SMALL LETTER SHARP S\* (ß) was converted into two \*LATIN SMALL LETTER S\* (ss), whereas in the current IDNA specification this conversion is not performed.

```
.. code-block:: pycon
```

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

```
``encodings.idna`` Compatibility
+++++
```

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

-----

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left

characters in a label; `idna.InvalidCodepoint` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and `idna.InvalidCodepointContext` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

## Building and Diagnostics

-----

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script `tools/idna-data`.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

\* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

\* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

\* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

## Testing

-----

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, 'Unicode IDNA Compatibility Processing' <<http://unicode.org/reports/tr46/>>.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language

:: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Topic :: Internet :: Name Service (DNS)

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Utilities

Requires-Python: >=2.7, !=3.0.\*, !=3.1.\*, !=3.2.\*, !=3.3.\*

Found in path(s):

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/idna.egg-info/PKG-INFO

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/PKG-INFO

## 1.263 chardet 3.0.4-4build1

### 1.263.1 Available under license :

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Version 2.1, February 1999

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Any executables

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/\* checkTag : validation tool for libzstd

- \* command :
- \* \$ ./checkTag tag
- \* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any}
- \* The tag is then compared to zstd version number.
- \* They are compatible if first 3 digits are identical.
- \* Anything beyond that is free, and doesn't impact validation.

- \* Example : tag v1.8.1.2 is compatible with version 1.8.1
- \* When tag and version are not compatible, program exits with error code 1.
- \* When they are compatible, it exists with a code 0.
- \* checkTag is intended to be used in automated testing environment.
- \*/

## 1.269 ecj 22

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## 1.272 sqlite 3.31.1-4ubuntu0.2

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<dd><p>The psow query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.

<dd><p>One might, for example, want to query all objects that overlap with the 35th parallel: SELECT id FROM demo\_index WHERE maxY>=35.0 AND minY<=35.0; But, generally speaking, the more constraints that the R\*Tree module has to work with, and the smaller the bounding box, the faster the results will come back. 3.4. Roundoff Error By default, coordinates are stored in an R\*Tree using 32-bit floating point values. When a coordinate cannot be exactly represented by a 32-bit floating point number, the lower-bound coordinates are rounded down and the upper-bound coordinates are rounded up. Thus, bounding boxes might be slightly larger than specified, but will never be any smaller. This is exactly what is desired for doing the more common "overlapping" queries where the application

wants to find every entry in the R\*Tree that overlaps a query bounding box. Rounding the entry bounding boxes outward might cause a few extra entries to appear in an overlapping query if the edge of the entry bounding box corresponds to an edge of the query bounding box. But the overlapping query will never miss a valid table entry. However, for a "contained-within" style query, rounding the bounding boxes outward might cause some entries to be excluded from the result set if the edge of the entry bounding box corresponds to the edge of the query bounding box. To guard against this, applications should expand their contained-within query boxes slightly (by 0.000012%) by rounding down the lower coordinates and rounding up the top coordinates, in each dimension. 3.5. Reading And Writing At The Same Time It is the nature of the Guttman R-Tree algorithm that any write might radically restructure the tree, and in the process change the scan order of the nodes. For this reason, it is not generally possible to modify the R-Tree in the middle of a query of the R-Tree. Attempts to do so will fail with a SQLITE\_LOCKED "database table is locked" error. So, for example, suppose an application runs one query against an R-Tree like this: SELECT id FROM demo\_index WHERE maxY>=35.0 AND minY<=35.0; Then for each "id" value returned, suppose the application creates an UPDATE statement like the following and binds the "id" value

returned against the "?1" parameter: UPDATE demo\_index SET maxY=maxY+0.5 WHERE id=?1; Then the UPDATE might fail with an SQLITE\_LOCKED error. The reason is that the initial query has not run to completion. It is remembering its place in the middle of a scan of the R-Tree. So an update to the R-Tree cannot be tolerated as this would disrupt the scan. It is also possible to express this kind of simultaneous read and write on an R-Tree within a single query, for example if an UPDATE statement tries to change the value of one row of the R-Tree based on a complicated

query from another row of the same R-Tree, perhaps something like this: UPDATE demo\_index SET maxY = (SELECT max(maxX) FROM demo\_index AS x2 WHERE x2.maxY>demo\_index.x2) WHERE maxY>=35.0 AND minY<=35.0; This is a limitation of the R-Tree extension only. Ordinary tables in SQLite are able to read and write at the same time. Other virtual tables might (or might not) also that capability. And R-Tree can appear to read and write at the same time in some circumstances, if it can figure out how to reliably run the query to completion before starting the update. But you shouldn't count on that for every query. Generally speaking, it is best to avoid running queries and updates to the same R-Tree at the same time. If you really need to update an R-Tree based on complex queries against the same R-Tree, it is best to run the complex queries first and store the results in a temporary table, then update the R-Tree based on the values stored in the temporary table. 4. Using R\*Trees Effectively

For SQLite versions prior to 3.24.0 (2018-06-04), the only information that an R\*Tree index stores about an object is its integer ID and its bounding box. Additional information needs to be stored in separate tables and related to the R\*Tree index using the primary key. For the example above, one might create an auxiliary table as follows: CREATE TABLE demo\_data( id INTEGER PRIMARY KEY, -- primary key objname TEXT, -- name of the object objtype TEXT, -- object type boundary BLOB -- detailed boundary of object ); In this example, the demo\_data.boundary field is intended to hold some kind of binary representation of the precise boundaries of the object. The R\*Tree index only holds an axis-aligned rectangular boundary for the object. The R\*Tree boundary is just an approximation of the true object boundary. So what typically happens is that the R\*Tree index is used to narrow a search down to a list of candidate objects and then more detailed and expensive computations are done on each candidate

to find if the candidate truly meets the search criteria. Key Point: An R\*Tree index does not normally provide the exact answer but merely reduces the set of potential answers from millions to dozens. Suppose the demo\_data.boundary field holds some proprietary data description of a complex two-dimensional boundary for an object and suppose that the application has used the sqlite3\_create\_function() interface to created application-defined functions "contained\_in" and "overlaps" accepting two demo\_data.boundary objects and return true or false. One may assume that "contained\_in" and "overlaps" are relatively slow functions that we do not want to invoke too frequently. Then an efficient way to find the name of all objects located within the North Carolina 12th District, one may be to run a query like this: SELECT objname FROM demo\_data, demo\_index WHERE demo\_data.id=demo\_index.id AND contained\_in(demo\_data.boundary, :boundary) AND minX>=-81.0 AND maxX<=-79.6 AND minY>=35.0 AND maxY>=36.2;

In the query above, one would presumably bind the binary BLOB description of the precise boundary of the 12th district to the ":boundary" parameter. Notice how the query above works: The R\*Tree index runs in the outer loop to find entries that are contained within the bounding box of longitude -81..-79.6 and latitude 35.0..36.2. For each object identifier found, SQLite looks up the corresponding entry in the demo\_data table. It then uses the boundary field from the demo\_data table as a parameter to the contained\_in() function and if that function returns true, the objname field from the demo\_data table is returned as the next row of query result. One would get the same answer without the use of the R\*Tree index using the following simpler query: SELECT objname FROM demo\_data WHERE contained\_in(demo\_data.boundary, :boundary); The problem with this latter query is that it must apply the contained\_in() function to millions of entries in the demo\_data table. The use of the R\*Tree

in the penultimate query reduces the number of calls to contained\_in() function to a small subset of the entire table. The R\*Tree index did not find the exact answer itself, it merely limited the search space. 4.1. Auxiliary Columns Beginning with SQLite version 3.24.0 (2018-06-04), r-tree tables can have auxiliary columns that store arbitrary data. Auxiliary columns can be used in place of secondary tables such as "demo\_data". Auxiliary columns are

marked with a "+" symbol before the column name. Auxiliary columns must come after all of the coordinate boundary columns. There is a limit of no more than 100 auxiliary columns. The following example shows an r-tree table with auxiliary columns that is equivalent to the two tables "demo\_index" and "demo\_data" above: CREATE VIRTUAL TABLE demo\_index2 USING rtree( id, -- Integer primary key minX, maxX, -- Minimum and maximum X coordinate minY, maxY, -- Minimum and maximum Y coordinate +objname TEXT, -- name of the object +objtype TEXT, -- object type +boundary BLOB -- detailed boundary of object );

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/requirements.html

No license file was found, but licenses were detected in source scan.

SQLite is high-quality, public domain software. The goal of members can also request their own private, proprietary extensions

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium.html

No license file was found, but licenses were detected in source scan.

```
<html>
<head>
<title>SQLite Consortium Agreement</title>
</head>
<body bgcolor="white">
<h1 align="center">
SQLite Consortium Agreement
</h1>

<p>This SQLite Consortium Agreement ("Agreement") is made and
entered into as of the ____ day of _____, 2007 ("Effective Date")
by and between _____ (the "Company"), and
Hipp, Wyrick & Company, Inc., a Georgia Corporation with
headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>

<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public
domain SQL database engine available at
<a href="http://www.sqlite.org">http://www.sqlite.org</a>
("SQLite"); and</p>

<p>WHEREAS, Company wishes to support the independent development of
the SQLite database engine to insure the continuing reliability,
vitality, and independence of SQLite, and in connection therewith,
Company wishes to provide funds for ongoing research, development,
and
maintenance of the SQLite code base, operation of the SQLite
website, protection and maintenance of the SQLite
trademark, as well as for promotion of SQLite at conferences and
trade shows; and</p>
```

<p>WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and</b>

<p>WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.</p>

<p>NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:</p>

## <h2>1.0 Definitions</h2>

### <h3>1.1 SQLite Developers</h3>

<p>The "SQLite Developers" are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.</p>

### <h3>1.2 SQLite Architect</h3>

<p>The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.</p>

### <h3>1.3 Consortium Member</h3>

<p>A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.</p>

## <h2>2.0 Agreement</h2>

### <h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

#### <h4>2.1.1 General Support</h4>

<p>The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.</p>

#### <h4>2.1.2 Debugging Support</h4>

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined



time for Debugging Support and Custom Development for Company is limited to 330 hours per year.

</p>

#### <h4>2.1.3 Custom Development</h4>

<p>The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree. The time devoted to Custom Development for Company is limited 220 hours per year.

</p>

#### <h4>2.1.4 Custom Builds</h4>

The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

</p>

#### <h4>2.1.5 Legacy Support</h4>

<p>The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.

</p>

#### <h4>2.1.6 Custom Testing</h4>

<p>The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

</p>

#### <h4>2.1.7 Priority Bug Fixes</h4>

<p>The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

</p>

#### <h4>2.1.8 Code Quality</h4>

<p>The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

</p>

#### <h4>2.1.9 Backwards Compatibility</h4>

<p>The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.

</p>

#### <h4>2.1.10

##### Test Coverage</h4>

<p>The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

</p>

#### <h4>2.1.11 Website</h4>

<p>The SQLite Developers shall maintain the SQLite website at <a href="http://www.sqlite.org">http://www.sqlite.org</a> in good working order and all SQLite source code shall be made freely available at such website.

</p>

### <h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

#### <h4>2.2.1 Private Briefings</h4>

<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.

</p>

#### <h4>2.2.2 Direction</h4>

<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.

</p>

#### <h4>2.2.3 Oversight</h4>

<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.

</p>

#### <h4>2.2.4 Continuity</h4>

<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.

</p>

### <h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

#### <h4>2.3.1 Employer</h4>

<p>Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.

</p>

#### <h4>2.3.2 Responsible Party</h4>

<p>All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite

Developers set forth in this agreement are upheld.</p>

#### <h4>2.3.3 Multiple Developers</h4>

<p>Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement.

So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.</p>

#### <h4>2.3.4 Mentorship</h4>

<p>Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.

</p>

#### <h4>2.3.5 Audits</h4>

<p>Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable

intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.

</p>

#### <h4>2.3.6 Disaster Planning</h4>

<p>Hwaci shall maintain backup copies of all

SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.

#### 2.3.7 Trademark

Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the <http://www.sqlite.org/> website.

#### 2.3.8 No Take-overs or Buy-outs

Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.

#### 2.3.9

##### New Consortium Members

New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.

#### 2.3.10 Adequate Staff

Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.

#### 2.3.11 Use Of Funds

Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.

### 2.4 Responsibilities And Obligations Of Company

#### 2.4.1 Funding

Company

shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".

</p>

#### <h4>2.4.2 Copyright Disclaimer</h4>

<p>Company acknowledges that SQLite source code and documentation published on the <a href="http://www.sqlite.org/">SQLite website</a> is in the public domain and that nothing in this agreement shall change that fact.

</p>

## <h2>3.0 Fees</h2>

<p>In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US \$75,000 per year in advance either annually, quarterly, or monthly, at Company's discretion.</p>

## <h2>4.0 Confidentiality</h2>

### <h3>4.1 Definition of Confidential Information</h3>

<p>"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.</p>

### <h3>4.2 Non-Use and Non-Disclosure.</h3>

<p>Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include

information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.</p>

#### <h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.</p>

### <h3>4.3 Return of Materials.</h3>

<p>Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci may have in Hwaci's possession or control.</p>

## <h2>5.0 Intellectual Property</h2>

### <h3>5.1 No Assignment</h3>

<p>Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.</p>

### 5.2 Availability and Public Domain Dedication

The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain.

To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the SQLite Developers' and Hwaci's rights including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and display the SQLite source code and documentation and derivative works thereof.

### 5.3 Trademark

Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein, and may set such policies as it deems appropriate for licensing the use of the trademark.

## 6.0 Representations And Warranties

### 6.1 Intellectual Property Clearances

Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.

### 6.2 Disclaimer

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE, CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p>

## <h2>7.0 Term And Termination</h2>

### <h3>7.1 Term.</h3>

<p>This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.</p>

### <h3>7.2 Termination.</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.</p>

### <h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.</p>

## <h2>8. Miscellaneous</h2>

### <h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole



or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

### <h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of actual delivery in person, three business days after deposit in the mail as set forth above, or one day after delivery to an overnight air courier service.</p>

### <h3>8.3 Waiver.</h3>

<p>Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.</p>

### <h3>8.4 Severability.</h3>

<p>If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties

shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.</p>

### <h3>8.5 Integration.</h3>

<p>This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.</p>

### <h3>8.6 Counterparts.</h3>

<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

### <h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

### <h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.</p>

## <h2>9.0 Signatures</h2>

<p>The parties have executed this Agreement below to indicate their acceptance of its terms.</p>

<table width="100%" border="0">

<tr><td valign="top">

HWACI<br>

By:<hr>

<p>&nbsp;</p>

Print Name:<hr>

<p>&nbsp;</p>

Title:<hr>

<p>&nbsp;</p>

</td><td

width="10%"></td>

<td valign="top">

COMPANY<br>

By:<hr>

<p>&nbsp;</p>

Print Name:<hr>

<p>&nbsp;</p>

Title:<hr>

<p>&nbsp;</p>

</td></tr></table>

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium\_agreement-20071201.html

No license file was found, but licenses were detected in source scan.

<p>SQLite itself is in the <a href="copyright.html">public domain</a> and can be used for any purpose. But TH3 is proprietary and requires a license.

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/th3.html

No license file was found, but licenses were detected in source scan.

application code is free to use these routines as well, if desired.

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/34to35.html

No license file was found, but licenses were detected in source scan.

<p><b>Public domain</b></p>

The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/different.html

No license file was found, but licenses were detected in source scan.

If N>0 then the connection is free to use more of the WAL file beyond

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\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/walformat.html

No license file was found, but licenses were detected in source scan.

other proprietary or non-standard VFSes.

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\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/uri.html

No license file was found, but licenses were detected in source scan.

SQLite core and like the SQLite core are in the public domain. The

The **TH3** test harness is a set of proprietary tests, written in

Beginning in late 2018, SQLite has been fuzzed using a new proprietary

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/testing.html

No license file was found, but licenses were detected in source scan.

<copyright.html>. No claim of ownership is made

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/faq.html

No license file was found, but licenses were detected in source scan.

**Proprietary SQLite Extensions**

<copyright.html>. But there also exist proprietary, licensed extensions to SQLite.

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/support.html

No license file was found, but licenses were detected in source scan.

application is free to use the same [database connection](..c3ref/sqlite3.html) or the

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/c3ref/c\_config\_covering\_index\_scan.html

No license file was found, but licenses were detected in source scan.

**FOR IMMEDIATE RELEASE:**

**SQLite Consortium Launches With Mozilla And Symbian As Charter Members**

**SQLite Consortium Launches With Mozilla And Symbian As Charter Members**

**Ensures independent technical direction for world's most deployed SQL database engine**

**Charlotte, North Carolina - December 12, 2007** - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.

SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers.

SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.

The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.

Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.

"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla. "As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."

"The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development," said Bruce Carney, Director, Developer Programmes & Services, Symbian. "Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional

information

regarding the SQLite Consortium is available at the SQLite website,  
<http://www.sqlite.org/>.

<center>

###

</center>

<p><b>About SQLite</b></p>

<p>SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.</p>

<p>SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.</p>

<p>

CONTACT INFORMATION:<br>

SQLite Consortium<br>

Dr. D. Richard Hipp<br>

6200 Maple Cove Lane<br>

Charlotte, NC 28269<br>

Email: [drh@sqlite.org](mailto:drh@sqlite.org)<br>

<http://www.sqlite.org/><br>

Tel: +1.704.948.4565

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<p><b>About Mozilla</b></p>

<p>Mozilla is a global community dedicated to building free, open source products

and technologies that improve the online experience for people everywhere.

Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation.

As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation.

For more information, visit [www.mozilla.com](http://www.mozilla.com).</p>

<p>CONTACT INFORMATION:<br>

Mozilla Corporation<br>

Jessica Waight<br>

Tel: +1.415.345.4754<br>

Email: [jwaight@outcastpr.com](mailto:jwaight@outcastpr.com)

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<p><b>About Symbian Limited</b></p>

<p>Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.</p>

<p>Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.</p>

<p>Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit [www.symbian.com](http://www.symbian.com).</p>

<p>CONTACT INFORMATION:<br>

Symbian Global Press Office<br>

Karen Hamblen<br>

+44 207 154 1707<br>

[press@symbian.com](mailto:press@symbian.com)

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</body></html>

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/pressrelease-20071212.html

No license file was found, but licenses were detected in source scan.

is free to use SQLite from multiple threads, but it must make sure

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/custombuild.html

No license file was found, but licenses were detected in source scan.

Suppose the demo\_data.boundary field holds some proprietary data description

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/rtree.html

No license file was found, but licenses were detected in source scan.

access to all proprietary extensions and test suites.

access to all proprietary extensions and test suites.

<a href="https://www.sqlite.org/copyright.html">public domain</a>,</p>

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/prosupport.html

No license file was found, but licenses were detected in source scan.

```
#!/usr/bin/tclsh.docsrc
#### Import of wapp.tcl
# Copyright (c) 2017 D. Richard Hipp
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-----
#
# Design rules:
#
# (1) All identifiers in the global namespace begin with "wapp"
#
# (2) Identifiers intended for internal use only begin with "wappInt"
#
# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add
text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
```



```

# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)    Escape text for inclusion in HTML
# %url(...)     Escape text for use as a URL
# %qp(...)      Escape text for use as a URI query parameter
#
# %string(...)  Escape text for use within a JSON string
# %unsafe(...)  No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {% (html|url|qp|string|unsafe){ 1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string

```

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trim $txt] \n txt
regsub -all {% (html|url|qp|string|unsafe){ 1,1 } ?(|%)\((.+)\)\2} $txt \
    {[wappInt-enc-\1 "\3"]} txt
dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                        argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                        value of a query parameter in a URL or in
#                        post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                        javascript string literal.
#                        The < character
#                        is escaped to prevent "</script>" from causing
#                        problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& & amp; < & lt; > & gt; \ " & quot; \\ & #92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[\^-\{ @~?=# _.: /a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {[\{\}]} $s {[wappInt-%HHchar \&}]}} s] {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {
    if {[regsub -all {[\^-\{ _a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {[\{\}]} $s {[wappInt-%HHchar \&}]}} s] {
        set s [subst -novar -noback $s]
    }
}

```



```

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra
    Location $uri
}

# Return the value of a wapp parameter

```

```

#
proc wapp-param {name {dflt {}}} {
  global wapp
  if {![dict exists $wapp $name]} {return $dflt}
  return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
  global wapp
  return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
  global wapp
  dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
  global wapp
  return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
# found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#

```

```

proc wapp-allow-xorigin-params { } {
  global wapp
  if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
    wappInt-decode-query-params
  }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
# CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
  global wapp
  if {$val=="off"} {
    dict unset wapp .csp
  } else {
    dict set wapp .csp $val
  }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check { } {
  set res {}
  foreach p [info procs] {
    set ln 0
    foreach x [split [info body $p] \n] {
      incr ln
      if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
        && [string index $tail 0]!="\173"
        && [regexp {[[ $]} $tail]
      } {
        append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
      }
      if {[regexp {^[ \t]*wapp-(subst(trim)[ \t]+[^\173]} $x all cx]} {
        append res "$p:$ln: unsafe \"wapp-$cx\"
        call: \"[string trim $x]\"\n"
      }
    }
  }
}

```

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    }
  }
  return $res
}

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
  global wapp
  set out {}
  foreach var [lsort [dict keys $wapp]] {
    if {[string index $var 0]=="."} continue
    append out "$var = [list [dict get $wapp $var]]\n"
  }
  append out "\[pwd\] = [list [pwd]]\n"
  return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
  if {$wappmode=="scgi"} {
    set type SCGI
    set server [list wappInt-new-connection
wappInt-scgi-readable $wappmode]
  } else {
    set type HTTP
    set server [list wappInt-new-connection wappInt-http-readable $wappmode]
  }
  if {$wappmode=="local"} {
    set x [socket -server $server -myaddr 127.0.0.1 $port]
  } else {
    set x [socket -server $server $port]
  }
  set coninfo [chan configure $x -sockname]
  set port [lindex $coninfo 2]

```

```

if {$wappmode=="local"} {
    wappInt-start-browser http://127.0.0.1:$port/
} else {
    puts "Listening for $type requests on TCP port $port"
}
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
# on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request

```



```

#
proc wappInt-http-readable {chan} {
  if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {[dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle
the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
} else {

```

```

# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]
dict append W CONTENT $got
dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
}
}
}

```

```

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]
    if {$hdr==""} {return 1}
    set req [lindex $hdr 0]
    dict set W REQUEST_METHOD [set method [lindex $req 0]]
    if {[lsearch {GET HEAD POST} $method]<0} {
        error "unsupported request method: \
\"[dict get $W REQUEST_METHOD]\""
    }
    set uri [lindex $req 1]
    set split_uri [split $uri ?]
    set uri0 [lindex $split_uri 0]
    if {[!regexp {^[-.a-z0-9_/*$]} $uri0]} {
        error "invalid request uri: \"$uri0\""
    }
    dict set W REQUEST_URI $uri0
    dict set W PATH_INFO $uri0
    set uri1 [lindex $split_uri 1]
    dict set W QUERY_STRING $uri1
    set n [llength $hdr]
    for {set i 1} {$i<$n} {incr i} {
        set x [lindex $hdr $i]
        if {[!regexp {^(.+):+(.*)$} $x all name value]} {
            error "invalid header line: \"$x\""
        }
    }
    set name [string toupper $name]
    switch -- $name {
        REFERER {set name HTTP_REFERER}
        USER-AGENT {set name HTTP_USER_AGENT}
    }
}

```

```

CONTENT-LENGTH {set name CONTENT_LENGTH}
CONTENT-TYPE {set name CONTENT_TYPE}
HOST {set name HTTP_HOST}
COOKIE {set name HTTP_COOKIE}
ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
default {set name .hdr:$name}
}
dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING
parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
global wapp
dict set wapp .qp 1
if {[dict exists $wapp QUERY_STRING]} {
foreach qterm [split [dict get $wapp QUERY_STRING] &] {
set qsplit [split $qterm =]
set nm [lindex $qsplit 0]
if {[regexp {[a-z][a-z0-9]*} $nm]} {
dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
}
}
}
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
set ctype [dict get $wapp CONTENT_TYPE]
if {$ctype=="application/x-www-form-urlencoded"} {
foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
set qsplit [split $qterm =]
set nm [lindex $qsplit 0]
if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
dict set wapp $nm [wappInt-decode-url
[lindex $qsplit 1]]
}
}
}
} elseif {[string match multipart/form-data* $ctype]} {
regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
set ndiv [string length $divider]
while {[string length $body]} {
set idx [string first $divider $body]
set unit [string range $body 0 [expr {$idx-3}]]
}
}
}

```

```

set body [string range $body [expr {$idx+$ndiv+2}] end]
if {[regexp {^Content-Disposition: form-data; (.*)\r\n\r\n(.*)$} \
    $unit unit hdr content] &&
    [regexp {name="(.*)"; filename="(.*)"\r\nContent-Type: (.*)$} \
        $hdr hr name filename mimetype]} {
    dict set wapp $name.filename \
        [string map [list \\/" \\\\ \\\] $filename]
    dict set wapp $name.mimetype $mimetype
    dict set wapp $name.content $content
}
}
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
# runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
    global wapp
    dict set wapp .reply {}
    dict set wapp .mimetype {text/html; charset=utf-8}
    dict set wapp .reply-code {200 Ok}
    dict set wapp .csp {default-src 'self'}

    # Set up additional CGI environment values
    #
    if {[dict exists $wapp HTTP_HOST]} {
        dict set wapp BASE_URL {}
    } elseif {[dict exists $wapp HTTPS]} {
        dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
    } else {
        dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
    }
    if {[dict exists $wapp REQUEST_URI]} {
        dict set wapp REQUEST_URI /
    } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
        # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
        # These need to be stripped off
        dict set wapp REQUEST_URI $newR
    }
    if {[dict exists $wapp SCRIPT_NAME]} {
        dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
    } else {

```

```

dict set wapp
SCRIPT_NAME {}
}
if {[dict exists $wapp PATH_INFO]} {
# If PATH_INFO is missing (ex: nginx) the construct it
set URI [dict get $wapp REQUEST_URI]
set skip [string length [dict get $wapp SCRIPT_NAME]]
dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/(^/)+(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
dict set wapp PATH_HEAD $head
dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
dict set wapp PATH_INFO {}
dict set wapp PATH_HEAD {}
dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
set qsplit [split [string trim $qterm] =]
set nm [lindex $qsplit 0]
if {[regexp {^[a-z][-a-z0-9]*$} $nm]} {
dict set wapp $nm [wappInt-decode-url [lindex
$qsplit 1]]
}
}
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
set referer [dict get $wapp HTTP_REFERER]
set base [dict get $wapp BASE_URL]
if {$referer==$base || [string match $base/* $referer]} {
set same_origin 1
}
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.

```

```

#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype
text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
      if {$val==""} {

```

```

    puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
  } else {
    set
val [wappInt-enc-url $val]
    puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=^\r"
  }
}
}
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
      puts $chan "Content-Encoding: gzip\r"
    }
  }
} else {
  set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

```

```

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

```

```

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER
    HTTP_USER_AGENT
    HTTPS

```

```

PATH_INFO
QUERY_STRING
REMOTE_ADDR
REQUEST_METHOD
REQUEST_URI
REMOTE_USER
SCRIPT_FILENAME
SCRIPT_NAME
SERVER_NAME
SERVER_PORT
SERVER_PROTOCOL
} {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
  fconfigure stdin -translation binary
  dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if
  {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #
    set req [read $chan 15]

```



```

set n [string length $req]
scan $req %d:%s len hdr
incr len [string length "$len:;"]
append hdr [read $chan [expr {$len-15}]]
foreach {nm val} [split $hdr \000] {
    if {$nm==";"} break
    dict set W $nm $val
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
    set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read
$chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT Listen for SCGI requests on TCP port $PORT
#
# -cgi Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run

```

```

# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional
options:
#
# -trace          "puts" each request URL as it is handled, for
#                 debugging
#
# -lint          Run wapp-safety-check on the application instead
#                 of running the application itself
#
# -Dvar=value     Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
    global env
    set mode auto
    set port 0
    set n [llength $arglist]
    for {set i 0} {$i<$n} {incr i} {
        set term [lindex $arglist $i]
        if {[string match --* $term]} {set term [string range $term 1 end]}
        switch -glob -- $term {
            -server {
                incr i;
                set mode "server"
                set port [lindex $arglist $i]
            }
            -local {
                incr i;
                set mode "local"
                set port [lindex $arglist $i]
            }
            -scgi {
                incr i;
                set mode "scgi"
                set port [lindex $arglist $i]
            }
            -cgi {
                set mode "cgi"
            }
            -trace {
                proc wappInt-trace {} {
                    set q [wapp-param QUERY_STRING]
                    set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
                }
            }
        }
    }
}

```

```

    if {$q!=""} {append uri ?$q}
    puts $uri
  }
}
-lint {
  set res [wapp-safety-check]
  if {$res!=""} {
    puts "Potential problems in this code:"
    puts $res
    exit 1
  } else {
    exit
  }
}
-D*=* {
  if {[regexp {^D([^=]+)=(.*)$} $term all var val]} {
    set ::$var $val
  }
}
default {
  error "unknown option: $term"
}
}
if {($mode=="auto"
  && [info exists env(GATEWAY_INTERFACE)]
  && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
  || $mode=="cgi"
} {
  wappInt-handle-cgi-request
  return
}
if {$mode=="scgi"} {
  wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
  wappInt-start-listener $port server
} else {
  wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version
1.0
package provide wapp 1.0

#### End of wapp.tcl

```

```

# Generate all header content for the output document
#
proc search_header { } {
  wapp-trim {
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="../sqlite.css" rel="stylesheet">
<title>Search SQLite Stats</title>
<!-- path=../ -->
</head>
<body>
<div class=nosearch>
<a href="../index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="../index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='../about.html'>About</a>
<li class='desktoponly'><a href="../docs.html">Documentation</a>
<li class='desktoponly'><a
href="../download.html">Download</a>
<li class='wideonly'><a href='../copyright.html'>License</a>
<li class='desktoponly'><a href="../support.html">Support</a>
<li class='desktoponly'><a href="../prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='../about.html'>About</a>
<li><a href='../docs.html'>Documentation</a>
<li><a href='../download.html'>Download</a>
<li><a href='../support.html'>Support</a>
<li><a href='../prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="../search">
<select name="s" id="searchtype">

```

```

<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w =
  document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display
= 'none';
b.innerHTML='show';
}else{
x.style.display = "";
b.innerHTML='hide';
}
}

```

```

return false;
}
</script>
</div>
}
}

proc wapp-default {} {
# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"}
&& [string match *.* [wapp-param PATH_INFO]]
} {
set altfile [file dir [wapp-param SCRIPT_FILENAME]]/[wapp-param PATH_INFO]
set fd [open $altfile rb]
configure $fd -translation binary
wapp-unsafe [read $fd]
close $fd
switch -glob -- $altfile {
*.html {
wapp-mimetype text/html
}
*.css {
wapp-mimetype text/css
}
*.gif {
wapp-mimetype image/gif
}
}
return
}
wapp-page-admin
}
proc wapp-page-admin {} {
wapp-allow-xorigin-params
wapp-content-security-policy off
if {[wapp-param-exists env]} {
search_header
wapp-trim {

<h1>Environment</h1>
<pre>%html([wapp-debug-env])</pre>
}
return
}
sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/searchlog.db
set where ""

```

```

set res ""

set ipfilter ""
set ipaddr [wapp-param ip]
if {$ipaddr!=""} {
  set where {WHERE ip = $ipaddr}
  set ipfilter $ipaddr
}

set checked ""
set isUnique [expr {[wapp-param unique 0]+0}]
if {$isUnique} {
  set checked "checked"
}

set limit [wapp-param limit 10]
set s10 ""
set s100 ""
set s1000 ""
if {$limit==10} {set s10 selected}
if {$limit==100} {set s100 selected}
if {$limit==1000} {set s1000 selected}

search_header
set self [wapp-param PATH_HEAD]
wapp-trim {
  <div style="margin:2em">
  <center>
  <form action='%url($self)' method='GET'>
  Results: <select name=limit onChange="this.form.submit()">
    <option %html($s10) value="10">10</option>
    <option %html($s100) value="100">100</option>
    <option %html($s1000) value="1000">1000</option>
  </select>
  IP: <input type=input name=ip value="%html($ipfilter)">
  Unique: <input
    type=checkbox name=unique value=1
    $checked
    onChange="this.form.submit()">
  <input type=submit>
</form>
</center>
</div>
<table border=1 cellpadding=10 align=center>
<tr><td><th>IP <th>Query <th> Results <th> Timestamp
}

set i 0

```

```

db2 eval "
SELECT rowid, ip, query, nres, timestamp FROM log $where
ORDER BY rowid DESC
" {

if {$isUnique} {
  if {[info exists seen($query)]} continue
  set seen($query) 1
}

wapp-trim {
  <tr><td>%html($rowid)
    <td><a href='%url($self)?ip=%qp($ip)'%>%html($ip)</a>
    <td><a href='../search?q=%qp($query)&donotlog=1'%>%html($query)</a>
    <td>%html($nres)<td>%html($timestamp)
  }
  incr i
  if {$i >= $limit} break
}
wapp-subst {</table\n}
db2 close
}
wapp-start $argv

```

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/search.d/admin

No license file was found, but licenses were detected in source scan.

<li> <a href='copyright.html'>Public domain source code</a>  
<a href="copyright.html">public domain</a> and is thus free for

Found in path(s):

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or some proprietary format into

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without a shared lock, other processes are free to modify the database

Found in path(s):

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public domain.</li>

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SQLite is open source, and is available in the public domain

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<a href="copyright.html">public domain</a> and so most

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proprietary. The TH3 code is only accessible to SQLite developers.

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<html>

<title>SQLite Copyright Release Template</title>

<body bgcolor="white">

<h1 align="center">

Copyright Release for<br>

Contributions To SQLite

</h1>

<p>

SQLite is software that implements an embeddable SQL database engine.

SQLite is available for free download from <http://www.sqlite.org/>.

The principal author and maintainer of SQLite has disclaimed all

copyright interest in his contributions to SQLite

and thus released his contributions into the public domain.

In order to keep the SQLite software unencumbered by copyright

claims, the principal author asks others who may from time to

time contribute changes and enhancements to likewise disclaim

their own individual copyright interest.

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<p>

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</p>

<p>

The header comments on the SQLite source files exhort the reader to share freely and to never take more than one gives. In the spirit of that exhortation I make the following declarations:

</p>

<ol>

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I dedicate to the public domain any and all copyright interest in the SQLite software that was publicly available on the SQLite website (<http://www.sqlite.org/>) prior to the date of the signature below and any changes or enhancements to the SQLite software that I may cause to be published on that website in the future. I make this dedication for the benefit of the public at large and to the detriment of my heirs and successors. I intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to the SQLite software under copyright law.

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To the best of my knowledge and belief, the changes and enhancements that I have contributed to SQLite are either originally written by me or are derived from prior works which I have verified are also in the public domain and are not subject to claims of copyright by other parties.

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To the best of my knowledge and belief, no individual, business, organization, government, or other entity has any copyright interest in the SQLite software as it existed on the SQLite website as of the date on the signature line below.

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I agree never to publish any additional information to the SQLite website (by CVS, email, scp, FTP, or any other means) unless that information is an original work of authorship by me or is derived from prior published versions of SQLite.

I agree never to copy and paste code into the SQLite code base from other sources.

I agree never to publish on the SQLite website any information that would violate a law or breach a contract.

</p></li>

</ol>

<p>

<table width="100%" cellpadding="0" cellspacing="0">

<tr>

<td width="60%" valign="top">

Signature:

<p>&nbsp;</p>

<p>&nbsp;</p>

<p>&nbsp;</p>

</td><td valign="top" align="left">

Date:

</td></tr>

<td colspan=2>

Name

(printed):

</td>

</tr>

</table>

</body>

</html>

Found in path(s):

\* /opt/cola/permits/1143446940\_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/copyright-release.html

No license file was found, but licenses were detected in source scan.

```
#!/usr/bin/tclsh.docsrc
#### Import of wapp.tcl
# Copyright (c) 2017 D. Richard Hipp
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-----
#
# Design rules:
#
# (1) All identifiers in the global namespace begin with "wapp"
#
# (2) Identifiers intended for internal use only begin with "wappInt"
#
# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add
text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
```

```

# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)    Escape text for inclusion in HTML
# %url(...)     Escape text for use as a URL
# %qp(...)      Escape text for use as a URI query parameter
#
# %string(...)  Escape text for use within a JSON string
# %unsafe(...)  No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    reesub -all {% (html|url|qp|string|unsafe){ 1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    reesub -all {\n\s+} [string

```

```

trim $txt] \n txt
regsub -all {% (html|url|qp|string|unsafe){ 1,1 } ?(|%)\((.+)\)\2} $txt \
    {[wappInt-enc-\1 "\3"]} txt
dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                        argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                        value of a query parameter in a URL or in
#                        post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                        javascript string literal.
#                        The < character
#                        is escaped to prevent "</script>" from causing
#                        problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& & amp; < & lt; > & gt; \& " & quot; \\ & #92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[\^-\{ @~?=# _.: /a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {[\{\}]} $s {[wappInt-%HHchar \&}]}} s] {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {
    if {[regsub -all {[\^-\{ _.: /a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {[\{\}]} $s {[wappInt-%HHchar \&}]}} s] {
        set s [subst -novar -noback $s]
    }
}

```



```

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra
    Location $uri
}

# Return the value of a wapp parameter

```



```

#
proc wapp-param {name {dflt {}}} {
  global wapp
  if {![dict exists $wapp $name]} {return $dflt}
  return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
  global wapp
  return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
  global wapp
  dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
  global wapp
  return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
# found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#

```

```

proc wapp-allow-xorigin-params { } {
  global wapp
  if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
    wappInt-decode-query-params
  }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
# CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
  global wapp
  if {$val=="off"} {
    dict unset wapp .csp
  } else {
    dict set wapp .csp $val
  }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check { } {
  set res {}
  foreach p [info procs] {
    set ln 0
    foreach x [split [info body $p] \n] {
      incr ln
      if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
        && [string index $tail 0]!="\173"
        && [regexp {[[ $]} $tail]
      } {
        append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
      }
      if {[regexp {^[ \t]*wapp-(subst(trim)[ \t]+[^\173]} $x all cx]} {
        append res "$p:$ln: unsafe \"wapp-$cx\"
        call: \"[string trim $x]\"\n"
      }
    }
  }
}

```

```

    }
  }
  return $res
}

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
  global wapp
  set out {}
  foreach var [lsort [dict keys $wapp]] {
    if {[string index $var 0]=="."} continue
    append out "$var = [list [dict get $wapp $var]]\n"
  }
  append out "\[pwd\] = [list [pwd]]\n"
  return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
  if {$wappmode=="scgi"} {
    set type SCGI
    set server [list wappInt-new-connection
wappInt-scgi-readable $wappmode]
  } else {
    set type HTTP
    set server [list wappInt-new-connection wappInt-http-readable $wappmode]
  }
  if {$wappmode=="local"} {
    set x [socket -server $server -myaddr 127.0.0.1 $port]
  } else {
    set x [socket -server $server $port]
  }
  set coninfo [chan configure $x -sockname]
  set port [lindex $coninfo 2]

```

```

if {$wappmode=="local"} {
    wappInt-start-browser http://127.0.0.1:$port/
} else {
    puts "Listening for $type requests on TCP port $port"
}
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
# on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request

```

```

#
proc wappInt-http-readable {chan} {
  if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {[dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle
the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
} else {

```

```

# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]
dict append W CONTENT $got
dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
}
}
}
}

```

```

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]
    if {$hdr==""} {return 1}
    set req [lindex $hdr 0]
    dict set W REQUEST_METHOD [set method [lindex $req 0]]
    if {[lsearch {GET HEAD POST} $method]<0} {
        error "unsupported request method: \
\"[dict get $W REQUEST_METHOD]\""
    }
    set uri [lindex $req 1]
    set split_uri [split $uri ?]
    set uri0 [lindex $split_uri 0]
    if {[!regexp {^[-.a-z0-9_/*$]} $uri0]} {
        error "invalid request uri: \"$uri0\""
    }
    dict set W REQUEST_URI $uri0
    dict set W PATH_INFO $uri0
    set uri1 [lindex $split_uri 1]
    dict set W QUERY_STRING $uri1
    set n [llength $hdr]
    for {set i 1} {$i<$n} {incr i} {
        set x [lindex $hdr $i]
        if {[!regexp {^(.+):+(.*)$} $x all name value]} {
            error "invalid header line: \"$x\""
        }
    }
    set name [string toupper $name]
    switch -- $name {
        REFERER {set name HTTP_REFERER}
        USER-AGENT {set name HTTP_USER_AGENT}
    }
}

```

```

CONTENT-LENGTH {set name CONTENT_LENGTH}
CONTENT-TYPE {set name CONTENT_TYPE}
HOST {set name HTTP_HOST}
COOKIE {set name HTTP_COOKIE}
ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
default {set name .hdr:$name}
}
dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING
parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
global wapp
dict set wapp .qp 1
if {[dict exists $wapp QUERY_STRING]} {
foreach qterm [split [dict get $wapp QUERY_STRING] &] {
set qsplit [split $qterm =]
set nm [lindex $qsplit 0]
if {[regexp {[a-z][a-z0-9]*} $nm]} {
dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
}
}
}
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
set ctype [dict get $wapp CONTENT_TYPE]
if {$ctype=="application/x-www-form-urlencoded"} {
foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
set qsplit [split $qterm =]
set nm [lindex $qsplit 0]
if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
dict set wapp $nm [wappInt-decode-url
[lindex $qsplit 1]]
}
}
}
} elseif {[string match multipart/form-data* $ctype]} {
regexp {^(.*?)\r\n(.*)$} [dict get $wapp CONTENT] all divider body
set ndiv [string length $divider]
while {[string length $body]} {
set idx [string first $divider $body]
set unit [string range $body 0 [expr {$idx-3}]]
}
}
}

```

```

set body [string range $body [expr {$idx+$ndiv+2}] end]
if {[regexp {^Content-Disposition: form-data; (.*)\r\n\r\n(.*)$} \
    $unit unit hdr content] &&
    [regexp {name="(.*)"; filename="(.*)"\r\nContent-Type: (.*)$} \
        $hdr hr name filename mimetype]} {
    dict set wapp $name.filename \
        [string map [list \\/" \\\\ \\\] $filename]
    dict set wapp $name.mimetype $mimetype
    dict set wapp $name.content $content
}
}
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
# runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
    global wapp
    dict set wapp .reply {}
    dict set wapp .mimetype {text/html; charset=utf-8}
    dict set wapp .reply-code {200 Ok}
    dict set wapp .csp {default-src 'self'}

    # Set up additional CGI environment values
    #
    if {[dict exists $wapp HTTP_HOST]} {
        dict set wapp BASE_URL {}
    } elseif {[dict exists $wapp HTTPS]} {
        dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
    } else {
        dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
    }
    if {[dict exists $wapp REQUEST_URI]} {
        dict set wapp REQUEST_URI /
    } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
        # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
        # These need to be stripped off
        dict set wapp REQUEST_URI $newR
    }
    if {[dict exists $wapp SCRIPT_NAME]} {
        dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
    } else {

```



```

dict set wapp
SCRIPT_NAME {}
}
if {[dict exists $wapp PATH_INFO]} {
# If PATH_INFO is missing (ex: nginx) the construct it
set URI [dict get $wapp REQUEST_URI]
set skip [string length [dict get $wapp SCRIPT_NAME]]
dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/(^/)+(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
dict set wapp PATH_HEAD $head
dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
dict set wapp PATH_INFO {}
dict set wapp PATH_HEAD {}
dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
set qsplit [split [string trim $qterm] =]
set nm [lindex $qsplit 0]
if {[regexp {^[a-z][-a-z0-9]*$} $nm]} {
dict set wapp $nm [wappInt-decode-url [lindex
$qsplit 1]]
}
}
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
set referer [dict get $wapp HTTP_REFERER]
set base [dict get $wapp BASE_URL]
if {$referer==$base || [string match $base/* $referer]} {
set same_origin 1
}
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.

```

```

#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype
text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
      if {$val==""} {

```

```

    puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
  } else {
    set
val [wappInt-enc-url $val]
    puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=^\r"
  }
}
}
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
      puts $chan "Content-Encoding: gzip\r"
    }
  }
} else {
  set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

```

```

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

```

```

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER
    HTTP_USER_AGENT
    HTTPS

```

```

PATH_INFO
QUERY_STRING
REMOTE_ADDR
REQUEST_METHOD
REQUEST_URI
REMOTE_USER
SCRIPT_FILENAME
SCRIPT_NAME
SERVER_NAME
SERVER_PORT
SERVER_PROTOCOL
} {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
  fconfigure stdin -translation binary
  dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if
  {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #
    set req [read $chan 15]

```

```

set n [string length $req]
scan $req %d:%s len hdr
incr len [string length "$len:;"]
append hdr [read $chan [expr {$len-15}]]
foreach {nm val} [split $hdr \000] {
    if {$nm==";"} break
    dict set W $nm $val
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
    set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read
$chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT      Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT      Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT       Listen for SCGI requests on TCP port $PORT
#
# -cgi              Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run

```

```

# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional
options:
#
# -trace          "puts" each request URL as it is handled, for
#                 debugging
#
# -lint          Run wapp-safety-check on the application instead
#                 of running the application itself
#
# -Dvar=value     Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
    global env
    set mode auto
    set port 0
    set n [llength $arglist]
    for {set i 0} {$i<$n} {incr i} {
        set term [lindex $arglist $i]
        if {[string match --* $term]} {set term [string range $term 1 end]}
        switch -glob -- $term {
            -server {
                incr i;
                set mode "server"
                set port [lindex $arglist $i]
            }
            -local {
                incr i;
                set mode "local"
                set port [lindex $arglist $i]
            }
            -scgi {
                incr i;
                set mode "scgi"
                set port [lindex $arglist $i]
            }
            -cgi {
                set mode "cgi"
            }
            -trace {
                proc wappInt-trace {} {
                    set q [wapp-param QUERY_STRING]
                    set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
                }
            }
        }
    }
}

```

```

    if {$q!=""} {append uri ?$q}
    puts $uri
  }
}
-lint {
  set res [wapp-safety-check]
  if {$res!=""} {
    puts "Potential problems in this code:"
    puts $res
    exit 1
  } else {
    exit
  }
}
-D*=* {
  if {[regexp {^D([^\=]+)=(.*)$} $term all var val]} {
    set ::$var $val
  }
}
default {
  error "unknown option: $term"
}
}
}
if {($mode=="auto"
  && [info exists env(GATEWAY_INTERFACE)]
  && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
  || $mode=="cgi"
} {
  wappInt-handle-cgi-request
  return
}
if {$mode=="scgi"} {
  wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
  wappInt-start-listener $port server
} else {
  wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version
1.0
package provide wapp 1.0

#### End of wapp.tcl

```

```

# Generate all header content for the output document
#
proc search_header { } {
  wapp-trim {
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="sqlite.css" rel="stylesheet">
<title>Search SQLite Documentation</title>
<!-- path= -->
</head>
<body>
<div class=nosearch>
<a href="index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='about.html'>About</a>
<li class='desktoponly'><a href="docs.html">Documentation</a>
<li class='desktoponly'><a href="download.html">Download</a>
<li
class='wideonly'><a href='copyright.html'>License</a>
<li class='desktoponly'><a href="support.html">Support</a>
<li class='desktoponly'><a href="prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='about.html'>About</a>
<li><a href='docs.html'>Documentation</a>
<li><a href='download.html'>Download</a>
<li><a href='support.html'>Support</a>
<li><a href='prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="search">
<select name="s" id="searchtype">

```



```

<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block"
){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display
= "";
b.innerHTML='hide';
}
}

```

```

return false;
}
</script>
</div>
}
}

#-----
# Add an entry to the log database for the current query. Which
# returns $nRes results.
#
proc search_add_log_entry {nRes} {
  if {[wapp-param-exists donotlog]} return
  sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/search.d/searchlog.db
  db2 timeout 10000
  set ip [wapp-param REMOTE_ADDR]
  set query [wapp-param q]
  db2 eval {
    PRAGMA synchronous=OFF;
    PRAGMA journal_mode=OFF;
    BEGIN;
    CREATE TABLE IF NOT EXISTS log(
      ip,          -- IP query was made from
      query,       -- Fts5 query string
      nres,        -- Number of results
      timestamp DEFAULT CURRENT_TIMESTAMP
    );
    INSERT INTO log(ip, query, nres) VALUES($ip, $query, $nRes);
    COMMIT;
  }
  db2 close
}

#-----
# This command
# is similar to the builtin Tcl [time] command, except that
# it only ever runs the supplied script once. Also, instead of returning
# a string like "xxx microseconds per iteration", it returns "x.yy ms" or
# "x.yy s", depending on the magnitude of the time spent running the
# command. For example:
#
# % ttime {after 1500}
# 1.50 s
# % ttime {after 45}
# 45.02 ms
#
proc ttime {script} {
  set t [lindex [time [list uplevel $script]] 0]

```

```

if {$t>1000000} { return [format "%.2f s" [expr {$t/1000000.0}]] }
return [format "%.2f ms" [expr {$t/1000.0}]]
}

#-----
# Do a search of the change log
#
proc searchchanges {} {
  set q [wapp-param q]
  if {$q==""} {return {}}
  if {[regexp -all \x22 $q] % 2} { append q \x22 }
  set x ""
  foreach word [split $q " "] {
    append x "[string map [list \" \"\"] $word]"
  }
  set q [string trim $x]
  set open {<span style="background-color:#d9f2e6">}
  set close {</span>}
  set query {
    SELECT url, version, idx, highlight(change, 3, $open, $close) AS text
    FROM change($q) ORDER BY rowid ASC
  }
  wapp-trim {
    <p>Change log entries mentioning: <b>%html($q)</b>
    <table border=0>
  }
  set s2 "style=\"margin-top:0\""
  set s1 "style=\"font-size:larger; text-align:left\" class=nounderline"
  set prev ""
  db eval $query {
    if {$prev!=$version} {
      wapp-trim {
        <tr> <td %unsafe($s1) valign=top> <a href='%url($url)'%>%html($version)</a>
        <td> <ul %unsafe($s2)>
      }
      set prev $version
    }
    wapp-subst { <li value=%html($idx)> (%html($idx)) %unsafe($text)\n }
  }
  wapp-trim {
    </table>
    <center><p>You can also see the <a href=changes.html>entire
    changelog as a single page</a> if you wish.</center>
  }
}
#-----
# Do a search over all documentation other than the change log

```

```

#
proc searchresults { } {
  set q [wapp-param q]
  if {$q==""} {return
  ""}

  # Count the "" characters in $::A(q). If there is an odd number of
  # occurrences, add a " to the end of the query so that fts5 can parse
  # it without error.
  if {[regexp -all \x22 $q] % 2} { append q \x22 }

  # Set iStart to the index of the first result to display. Results are
  # indexed starting at zero from most to least relevant.
  #
  set iStart 0
  catch {set iStart [expr {[wapp-param i 0]*10}]}

  # Grab a list of rowid results.
  #
  set sql {
    SELECT rowid FROM page WHERE page MATCH $q
    ORDER BY srnk(page) DESC,
    rank * COALESCE(
      (SELECT percent FROM weight WHERE id=page.rowid), 100
    );
  }
  if {[catch { set IRowid [db eval $sql] }]} {
    set x ""
    foreach word [split $q " "] {
      append x "[string map [list "" ""\"] $word]\\"
    }
    set q [string trim $x]
    set IRowid [db eval $sql]
  }

  set IRes [list]
  foreach rowid $IRowid {
    if {$rowid > 1000} {
      set parent [expr $rowid / 1000]
      lappend subsections($parent)
      $rowid
    } else {
      lappend IRes $rowid
    }
  }
}

set nRes [llength $IRes]
set IRes [lrange $IRes $iStart [expr $iStart+9]]

```

```

# Add an entry to the log database.
#
search_add_log_entry $nRes

# If there are no results, return a message to that effect.
#
if {[length $IRes] == 0} {
  wapp-subst {<p>No Results for: <b>%html($q)</b>\n}
}

# HTML markup used to highlight keywords within FTS5 generated snippets.
#
set open {<span style="background-color:#d9f2e6">}
set close {</span>}
set ellipsis {<b>&nbsp;...&nbsp;</b>}

# Grab the required data
#
db eval [string map [list %LIST% [join $IRowid ,]] {
  SELECT
    rowid AS parentid,
    snippet(page, 0, $open, $close, $ellipsis, 6) AS s_apis,
    snippet(page, 2, $open, $close, ", 40) AS s_title1,
    snippet(page, 3, $open, $close, $ellipsis, 40) AS s_title2,
    snippet(page, 4, $open, $close, $ellipsis, 40) AS s_content,
    url, rank
  FROM page($q)
  WHERE rowid
  IN (%LIST%)
}] X {
  foreach k [array names X] { set data($X(parentid),$k) [set X($k)] }
}

set i1 [expr {$iStart+1}]
set i2 [expr {($nRes < $iStart+10) ? $nRes : $iStart+10}]
wapp-trim {
  <table border=0>
  <p>Search results %html($i1)..%html($i2) of %html($nRes) for: <b>%html($q)</b>
}

foreach rowid $IRes {

  foreach a {parentid s_apis s_title1 s_content url rank} {
    set $a $data($rowid,$a)
  }

  if {[info exists subsections($parentid)]} {

```

```

set childid [lindex $subsections($parentid) 0]
set link $data($childid,url)
set hdr $data($childid,s_title2)

if {$hdr==""} {
  set s_content ""
} else {
  set s_content [subst {
    <b><a style=color:#044a64 href=$link>$hdr</a></b>
  }]
}

append s_content " $data($childid,s_content)"
}

wapp-trim {<tr>
<td valign=top style="line-height:150%">
<div style="white-space:wrap;font-size:larger" class=nounderline>
<a href="%url($url)">%unsafe($s_title1)</a>

<div style="float:right;font-size:smaller;color:#BBB">(%url($url))</div>
</div>
<div style="margin-left: 10ex; font:larger monospace">%unsafe($s_apis)</div>
<div style="margin-left: 4ex; margin-bottom:1.5em">
%unsafe($s_content)
</div>
</td>
}
}
wapp-subst {</table>\n}

# If the query returned more than 10 results, add up to 10 links to
# each set of 10 results (first link to results 1-10, second to 11-20,
# third to 21-30, as required).
#
if {$nRes>10} {
  set s(0) {border:solid #044a64 1px;padding:1ex;margin:1ex;line-height:300%;}
  set s(1) "$s(0);background:#044a64;color:white"
  wapp-subst {<center><p>\n}
  for {set i 0} {$i < 10 && ($i*10)<$nRes} {incr i} {
    set style $s([expr {(($iStart/10)==$i)])
    wapp-trim {
      <a style="%html($style)"
        href="search?q=%qp($q)&i=%qp($i)">%html([expr $i+1])</a>
    }
  }
  wapp-subst {</center>\n}
}

```

```

}
}

# This is the main entry point into the search result page generator
#
proc wapp-default {} {
  wapp-content-security-policy {default-src 'self' 'unsafe-inline'}
  wapp-allow-xorigin-params
  if {[wapp-param-exists env]} {
    search_header
    wapp-trim {
      <h1>Environment Dump For Debugging</h1>
      <pre>%html([wapp-debug-env])</pre>
    }
    return
  }

  # When running using the built-in webserver in Wapp (in other words,
  # when not running as CGI) any filename that contains a "." loads
  # directly from the filesystem.
  if {[wapp-param WAPP_MODE]!="cgi"
    && [string match *.* [wapp-param PATH_INFO]]
  } {
    set altfile [file dir [wapp-param SCRIPT_FILENAME]][wapp-param PATH_INFO]
    set fd [open $altfile rb]
    fconfigure $fd -translation binary
    wapp-unsafe [read $fd]
    close $fd
    switch -glob -- $altfile {
      *.html {
        wapp-mimetype text/html
      }
      *.css {
        wapp-mimetype text/css
      }
      *.gif {
        wapp-mimetype
image/gif
      }
    }
    return
  }

  search_header
  sqlite3 db [file dir [wapp-param SCRIPT_FILENAME]]/search.d/search.db
  set searchType [wapp-param s d]
  if {$searchType=="c"} {
    set cmd searchchanges

```

```

} else {
  set cmd searchresults
}
db transaction {
  set t [ttime {$cmd}]
}
wapp-trim {
  <center>
  <p>Page generated by <a href='fts5.html'>FTS5</a> in about %html($t).
  </center>
  <script>
  window.addEventListener("load", function() {
    var w = document.getElementById("searchmenu");
    w.style.display = "block";
    w = document.getElementById("searchtype");
    w.value = "%string($searchType)"
    setTimeout(function(){
      var s = document.getElementById("searchbox");
      s.value = "%string([wapp-param q])"
      s.focus();
      s.select();
    }, 30);
  });
  </script>
}
wapp-start $argv

```

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```
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- \* /opt/cola/permits/1150909240\_1617718312.14/0/paranamer-2-8-sources-5-jar/com/thoughtworks/paranamer/AdaptiveParanamer.java
- \*
- /opt/cola/permits/1150909240\_1617718312.14/0/paranamer-2-8-sources-5-jar/com/thoughtworks/paranamer/CachingParanamer.java
- \* /opt/cola/permits/1150909240\_1617718312.14/0/paranamer-2-8-sources-5-jar/com/thoughtworks/paranamer/NullParanamer.java

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- \* /opt/cola/permits/1150909240\_1617718312.14/0/paranamer-2-8-sources-5-

# 1.274 servlet-api 3.0.1

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```
import: ../../../../fossene/db/schema/thing.yml
```

```
fields:
```

```
  site: string
```

```
  author: root
```

# 1.281 stack 1.8.0

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Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124

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## 1.283 parse 1.19.0

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## 1.288 nested-lookup 0.2.21

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Metadata-Version: 1.1

Name: nested-lookup

Version: 0.2.21

Summary: Python functions for working with deeply nested documents (lists and dicts)

Home-page: <https://github.com/russellballestrini/nested-lookup>

Author: Russell Ballestrini

Author-email: [russell@ballestrini.net](mailto:russell@ballestrini.net)

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Description: nested\_lookup

#####

.. image:: <https://img.shields.io/badge/pypi-0.2.21-green.svg>

:target: <https://pypi.python.org/pypi/nested-lookup>

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Make working with JSON, YAML, and XML document responses fun again!

The `nested_lookup` package provides many Python functions for working with deeply nested documents.

A document in this case is a mixture of Python dictionary and list objects typically derived from YAML or JSON.

`*nested_lookup:*`

Perform a key lookup on a deeply nested document.

Returns a `list` of matching values.

`*nested_update:*`

Given a document, find all occurrences of the given key and update the value.

By default, returns a copy of the document.

To mutate the original specify the `in_place=True` argument.

`*nested_delete:*`

Given a document, find all occurrences of the given key and delete it.

By default, returns a copy of the document.

To mutate the original specify the `in_place=True` argument.

`*nested_alter:*`

Given a document, find all occurrences of the given key and alter it with a callback function.

By default, returns a copy of the document.

To mutate the original specify the `in_place=True` argument.

`*get_all_keys:*`

Fetch all keys from a deeply nested dictionary.

Returns a `list` of keys.

`*get_occurrence_of_key/get_occurrence_of_value:*`

Returns the number of occurrences of a key/value from a nested dictionary.

For examples on how to invoke these functions, please check out the tutorial sections.

.. contents::

install

=====

install from pypi using pip::

```
pip install nested-lookup
```

or easy\_install::

easy\_install nested-lookup

or install from source using::

```
git clone https://github.com/russellballestrini/nested-lookup.git
cd nested-lookup
pip install .
```

quick tutorial

=====

This tutorial uses the Python Interactive shell, please follow along : )

Before we start, let's define an example document to work on.

```
.. code-block:: python
```

```
>>> document = [ { 'taco' : 42 } , { 'salsa' : [ { 'burrito' : { 'taco' : 69 } } ] } ]
```

First we will lookup a key from all layers of a document using ``nested\_lookup``:

```
.. code-block:: python
```

```
>>> from nested_lookup import nested_lookup
>>> print(nested_lookup('taco', document))
[42, 69]
```

As you can see we were returned a list of two integers, these integers are the values from the matched key lookups.

Next we will update a key and it's value from all layers of a document using ``nested\_update``:

```
.. code-block:: python
```

```
>>> from nested_lookup import nested_update
>>> nested_update(document, key='burrito', value='Test')
[{'taco': 42}, {'salsa': [{'burrito': 'Test'}]}
```

Here you see that the key ``burrito`` had it's value changed to the string ``Test``, like we asked.

Finally, lets test out a delete operation using ``nested\_delete``:

```
.. code-block:: python
```

```
>>> from nested_lookup import nested_delete
>>> nested_delete(document, 'taco')
[{}, {'salsa': [{'burrito': {}}]}]
```

Perfect, the returned document looks just like we expected!

longer tutorial

=====

You may control the function's behavior by passing some optional arguments.

`wild` (defaults to `False`):

if `wild` is `True`, treat the given `key` as a case insensitive substring when performing lookups.

`with_keys` (defaults to `False`):

if `with_keys` is `True`, return a dictionary of all matched keys and a list of values.

For example, given the following document:

```
.. code-block:: python
```

```
from nested_lookup import nested_lookup

my_document = {
    'name': 'Russell Ballestrini',
    'email_address': 'test1@example.com',
    'other': {
        'secondary_email': 'test2@example.com',
        'EMAIL_RECOVERY': 'test3@example.com',
        'email_address': 'test4@example.com',
    },
}
```

Next, we could act `wild` and find all the email addresses like this:

```
.. code-block:: python
```

```
results = nested_lookup(
    key = 'mail',
```

```

    document = my_document,
    wild = True
)

print(results)

.. code-block:: python

['test1@example.com', 'test4@example.com', 'test2@example.com', 'test3@example.com']

```

Additionally, if you also needed the matched key names, you could do this:

```

.. code-block:: python

results
= nested_lookup(
    key = 'mail',
    document = my_document,
    wild = True,
    with_keys = True,
)

print(results)

.. code-block:: python

{
  'email_address': ['test1@example.com', 'test4@example.com'],
  'secondary_email': ['test2@example.com'],
  'EMAIL_RECOVERY': ['test3@example.com']
}

```

To lookup, update, and delete a key->value pair in nested document

```

.. code-block:: python

from nested_lookup import nested_update, nested_delete

result = nested_delete(my_document, 'EMAIL_RECOVERY')

print(result) # result => {'other': {'secondary_email': 'test2@example.com', 'email_address':
'test4@example.com'}, 'email_address': 'test1@example.com', 'name': 'Russell Ballestrini'}

result = nested_update(my_document, key='other', value='Test')

print(result) # result => {'other': 'Test', 'email_address': 'test1@example.com', 'name': 'Russell Ballestrini'}

```

To get a list of every nested key in a document, run this:

```
.. code-block:: python
```

```
from nested_lookup import get_all_keys
```

```
keys = get_all_keys(my_document)
```

```
print(keys)
```

```
.. code-block:: python
```

```
['name', 'email_address', 'other', 'secondary_email', 'EMAIL_RECOVERY', 'email_address']
```

To get the number of occurrence of the given key/value

```
.. code-block:: python
```

```
from nested_lookup import get_occurrence_of_key, get_occurrence_of_value
```

```
no_of_key_occurrence = get_occurrence_of_key(my_document, key='email_address')
```

```
print(no_of_key_occurrence) # result => 2
```

```
no_of_value_occurrence = get_occurrence_of_value(my_document, value='test2@example.com')
```

```
print(no_of_value_occurrence) # result => 1
```

To get the number of occurrence and their respective values

```
.. code-block:: python
```

```
from nested_lookup import get_occurrences_and_values
```

```
my_documents = [  
    {  
        "processor_name": "4",  
        "processor_speed": "2.7 GHz",  
        "core_details": {  
            "total_numberof_cores": "4",  
            "l2_cache(per_core)": "256 KB",  
        }  
    }  
]
```

```
result = get_occurrences_and_values(my_documents, value='4')
```

```

print(result)

{
  "4": {
    "occurrences": 2,
    "values": [
      {
        "processor_name": "4",
        "processor_speed": "2.7 GHz",
        "core_details": {
          "total_numberof_cores": "4",
          "l2_cache(per_core)": "256 KB"
        }
      },
      {
        "total_numberof_cores": "4",
        "l2_cache(per_core)": "256 KB"
      }
    ]
  }
}

```

nested\_alter tutorial

=====

**\*Nested Alter\*:**

write a callback function which processes a scalar value.

Be aware about the possible types which can be passed to the callback functions.

In this example we can be sure that only int will be passed, in production you should check the type because it could be anything.

Before we start, let's define an example document to work on.

.. code-block:: python

```
>>> document = [ { 'taco' : 42 } , { 'salsa' : [ { 'burrito' : { 'taco' : 69 } } ] } ]
```

.. code-block:: python

```
>>> def callback(data):
>>>     return data + 10 # add 10
```

to every taco prize

The alter-version only works for scalar input (one dict), if you need to adress a list of dicts, you have to manually iterate over those and pass them to nested\_update one by one

```
.. code-block:: python
```

```
>>> out = []
>>> for elem in document:
>>>     altered_document = nested_alter(elem, "taco", callback)
>>>     out.append(altered_document)

>>> print(out)
[ { 'taco' : 52 } , { 'salsa' : [ { 'burrito' : { 'taco' : 79 } } ] } ]

>>> from nested_lookup import get_all_keys

>>> get_all_keys(document)
['taco', 'salsa', 'burrito', 'taco']

>>> from nested_lookup import get_occurrence_of_key, get_occurrence_of_value

>>> get_occurrence_of_key(document, key='taco')
2

>>> get_occurrence_of_value(document, value='42')
1
```

misc

```
=====
```

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:authors:

- \* Russell Ballestrini
- \* Douglas Miranda
- \* Ramesh RV
- \* Salfiii (Florian S.)
- \* Matheus Lins

:web:

- \* <http://russell.ballestrini.net>
- \* <http://douglasmiranda.com> (<https://gist.github.com/douglasmiranda/5127251>)
- \* <https://github.com/Salfiii>
- \* <https://github.com/matheuslins>

Keywords: nested document dictionary dict list lookup schema json xml yaml

Platform: All

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7



Classifier: Programming Language :: Python :: 3.5

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#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  |            |                     |
| PSF            | yes          |           |            |                     |

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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# 1.293 urllib3 1.25.8

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# Contributions to the urllib3 project

## Creator & Maintainer

\* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

\* victor.vde <<http://code.google.com/u/victor.vde/>>

\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <[niphlod@gmail.com](mailto:niphlod@gmail.com)>

\* Client-verified SSL certificates for HTTPSConnectionPool

- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- \* Code review, PEP8 compliance, benchmark fix
  
- \* kennethreitz <me@kennethreitz.com>
- \* Bugfixes, suggestions, Requests integration
  
- \* georgemarshal <<https://github.com/georgemarshal>>
- \* Bugfixes, Improvements and Test coverage
  
- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
  
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
  
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravello.com>

- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield  
<<https://lukasa.co.uk/about/>>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
  - \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<https://dbrgn.ch/>>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <<https://github.com/jschneier>>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <<http://tahia.tk/>>



- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <<https://grunseid.com>>
  - \* source\_address support and tests (with <https://github.com/bui>)
  
- \* Ian Cordasco <[graffatcolmingov@gmail.com](mailto:graffatcolmingov@gmail.com)>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <[erik.tollerud@gmail.com](mailto:erik.tollerud@gmail.com)>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <[kprasad.iitd@gmail.com](mailto:kprasad.iitd@gmail.com)>
  - \* Google App Engine documentation
  
- \* Aaron Meurer  
<[asmeurer@gmail.com](mailto:asmeurer@gmail.com)>
  - \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <[abacabadabacaba@gmail.com](mailto:abacabadabacaba@gmail.com)>
  - \* Bugfixes
  
- \* Benjamin Meyer <[bm\\_witness@yahoo.com](mailto:bm_witness@yahoo.com)>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <[github@sornars.com](mailto:github@sornars.com)>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <[alex.gaynor@gmail.com](mailto:alex.gaynor@gmail.com)>
  - \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <[ttomecek@redhat.com](mailto:ttomecek@redhat.com)>
  - \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <<https://github.com/tlynn>>
  - \* Respect the warning preferences at import.
  
- \* David D. Riddle <[ddriddle@illinois.edu](mailto:ddriddle@illinois.edu)>
  - \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <[magicalgirl@google.com](mailto:magicalgirl@google.com)>
  - \* App Engine environment tests.
  - \* Documentation re-write.
  
- \* John Krauss <<https://github.com/talos>>
  - \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <<https://github.com/Disassem>>

- \* Fix pool-default headers not applying for url-encoded requests like GET.
- \* James Atherfold <jlatherfold@hotmail.com>
  - \* Bugfixes relating to cleanup of connections during errors.
- \* Christian Pedersen <https://github.com/chripede>
  - \* IPv6 HTTPS proxy bugfix
- \* Jordan Moldow <https://github.com/jmoldow>
  - \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
  - \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
  - \* Creation of ``HTTPConnectionPool.ResponseCls``.
- \* Predrag Gruevski <https://github.com/obi1kenobi>
  - \* Made cert digest comparison use a constant-time algorithm.
- \* Adam Talsma <https://github.com/a-tal>
  - \* Bugfix to ca\_cert file paths.
- \* Evan Meagher <https://evanmeagher.net>
  - \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
- \* John Vandenberg <jayvdb@gmail.com>
  - \* Python 2.6 fixes; pyflakes and pep8 compliance
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
  - \* Bugfix related to reusing connections in indeterminate states.
- \* Ville Skytt <ville.skytta@iki.fi>
  - \* Logging efficiency improvements, spelling fixes, Travis config.
- \* Shige Takeda <smtakeda@gmail.com>
  - \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
- \* Jess Shapiro <jesse@jesseshapiro.net>
  - \* Various character-encoding fixes/tweaks
  - \* Disabling IPv6 DNS when IPv6 connections not supported
- \* David Foster <http://dafoster.net/>
  - \* Ensure order of request and response headers are preserved.
- \* Jeremy Cline <jeremy@jcline.org>
  - \* Added connection pool keys by scheme
- \* Aviv Palivoda <palaviv@gmail.com>
  - \* History list to Retry object.

- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
  - \* Ensure timeouts are not booleans and greater than zero.
  - \* Fixed infinite loop in ``stream`` when amt=None.
  - \* Added length\_remaining to determine remaining data to be read.
  - \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
  - \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
  - \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
  - \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
  - \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
  - \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  - \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
  - \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
  - \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
  - \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
  - \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
  - \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai  
(through Jess Shapiro) <jshapiro@akamai.com>
  - \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
  - \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
  - \* Add Python 2.6 support to ``contrib.securetransport``

- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
  
- \* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- \* Remove Authorization header  
regardless of case when redirecting to cross-site
  
- \* James Meickle <https://permadeath.com/>
- \* Improve handling of Retry-After header
  
- \* Chris Jerdonek <chris.jerdonek@gmail.com>
- \* Remove a spurious TypeError from the exception chain inside  
HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

## 1.294 python-pip 20.0.2

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.

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|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |



|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 3.2.2 | 3.2.1 | 2011 | PSF | yes |
| 3.3   | 3.2   |      |     |     |
| 2012  | PSF   | yes  |     |     |

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |
| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |
| 2.5   | 2.4   | 2006      | PSF | yes |
| 2.5.1 | 2.5   | 2007      | PSF | yes |
| 2.5.2 | 2.5.1 | 2008      | PSF | yes |
| 2.5.3 | 2.5.2 | 2008      | PSF | yes |
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| 2.6.1 | 2.6   | 2008      | PSF | yes |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
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| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      | PSF        | yes                 |
| 2.6.5          | 2.6.4        | 2010      | PSF        | yes                 |
| 3.0            | 2.6          | 2008      | PSF        | yes                 |
| 3.0.1          | 3.0          | 2009      | PSF        | yes                 |
| 3.1            | 3.0.1        | 2009      | PSF        | yes                 |
| 3.1.1          | 3.1          | 2009      | PSF        | yes                 |
| 3.1.2          | 3.1          | 2010      | PSF        | yes                 |



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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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## 1.295 contextlib2 0.6.0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
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|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
| 3.1.3 | 3.1.2 | 2010 | PSF | yes |
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2   | 3.1   | 2011 | PSF | yes |
| 3.2.1 | 3.2   | 2011 | PSF | yes |
| 3.2.2 | 3.2.1 | 2011 | PSF | yes |
| 3.3   | 3.2   |      |     |     |
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## 1.296 click 7.1.2

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# binary only, patch it back to the system, and then use a wrapper

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import io

```

import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/click/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*?)"', f.read()).group(1)

setup(
    name="click",
    version=version,
    url="https://palletsprojects.com/p/click/",
    project_urls={
        "Documentation": "https://click.palletsprojects.com/",
        "Code": "https://github.com/pallets/click",
        "Issue tracker": "https://github.com/pallets/click/issues",
    },
    license="BSD-3-Clause",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="Composable command line interface toolkit",
    long_description=readme,
    packages=find_packages("src"),
    package_dir={"": "src"},
    include_package_data=True,
    python_requires=">=2.7, !=3.0.*,
!=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
    classifiers=[
        "Development Status :: 5 - Production/Stable",
        "Intended Audience :: Developers",
        "License :: OSI Approved :: BSD License",
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        "Programming Language :: Python",
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        "Programming Language :: Python :: 3",
    ],
)

```

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.. \_contrib:

=====  
click-contrib  
=====

As the userbase of Click grows, more and more major feature requests pop up in Click's bugtracker. As reasonable as it may be for those features to be bundled with Click instead of being a standalone project, many of those requested features are either highly experimental or have unproven practical use, while potentially being a burden to maintain.

This is why click-contrib\_ exists. The GitHub organization is a collection of possibly experimental third-party packages whose featureset does not belong into Click, but also a playground for major features that may be added to Click in the future. It is also meant to coordinate and concentrate effort on writing third-party extensions for Click, and to ease the effort of searching for such extensions. In that sense it could be described as a low-maintenance alternative to extension repositories of other frameworks.

Please

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.. \_click-contrib: <https://github.com/click-contrib/>

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\* /opt/cola/permits/1160566381\_1620335255.38/0/pallets-click-7-1-2-0-g1784558-1-tar-gz/pallets-click-1784558/tests/test\_formatting.py

## 1.297 cffi 1.14.5

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## 1.298 pbr 5.5.1

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## 1.299 python-requests 2.25.1

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## 1.301 lockfile 0.12.2

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## 1.303 python-requests 2.22.0

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## 1.305 jinja2 2.11.3

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Metadata-Version: 2.1

Name: Jinja2

Version: 2.11.3

Summary: A very fast and expressive template engine.

Home-page: <https://palletsprojects.com/p/jinja/>

Author: Armin Ronacher

Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

Maintainer: Pallets

Maintainer-email: [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

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Project-URL: Documentation, <https://jinja.palletsprojects.com/>

Project-URL: Code, <https://github.com/pallets/jinja>

Project-URL: Issue tracker, <https://github.com/pallets/jinja/issues>

Description: Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can

use autoescaping to prevent XSS from untrusted

user input.

- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

## Installing

-----

Install and update using `pip`\_:

.. code-block:: text

```
$ pip install -U Jinja2
```

.. \_pip:

<https://pip.pypa.io/en/stable/quickstart/>

## In A Nutshell

-----

.. code-block:: jinja

```
{% extends "base.html" %}
{% block title %}Members{% endblock %}
{% block content %}
<ul>
{% for user in users %}
  <li><a href="{{ user.url }}">{{ user.username }}</a></li>
{% endfor %}
</ul>
{% endblock %}
```

## Links

-----

- Website: <https://palletsprojects.com/p/jinja/>
- Documentation: <https://jinja.palletsprojects.com/>
- Releases: <https://pypi.org/project/Jinja2/>
- Code: <https://github.com/pallets/jinja>
- Issue tracker: <https://github.com/pallets/jinja/issues>
- Test status: [https://dev.azure.com/pallets/jinja/\\_build](https://dev.azure.com/pallets/jinja/_build)
- Official chat: <https://discord.gg/t6rrQZH>

Platform: UNKNOWN

Classifier: Development

Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=2.7, !=3.0.\*, !=3.1.\*, !=3.2.\*, !=3.3.\*, !=3.4.\*

Description-Content-Type:

text/x-rst

Provides-Extra: i18n

Found in path(s):

\* /opt/cola/permits/1160876753\_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/PKG-INFO

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```
import io
```

```
import re
```

```
from setuptools import find_packages
```

```
from setuptools import setup
```

```
with io.open("README.rst", "rt", encoding="utf8") as f:
```

```
    readme = f.read()
```

```

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*?)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    url="https://palletsprojects.com/p/jinja/",
    project_urls={
        "Documentation": "https://jinja.palletsprojects.com/",
        "Code": "https://github.com/pallets/jinja",
        "Issue tracker": "https://github.com/pallets/jinja/issues",
    },
    license="BSD-3-Clause",
    author="Armin Ronacher",
    author_email="armin.ronacher@active-4.com",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="A very fast and expressive template engine.",
    long_description=readme,
    classifiers=[
        "Development Status
:: 5 - Production/Stable",
        "Environment :: Web Environment",
        "Intended Audience :: Developers",
        "License :: OSI Approved :: BSD License",
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        "Programming Language :: Python",
        "Programming Language :: Python :: 2",
        "Programming Language :: Python :: 2.7",
        "Programming Language :: Python :: 3",
        "Programming Language :: Python :: 3.5",
        "Programming Language :: Python :: 3.6",
        "Programming Language :: Python :: 3.7",
        "Programming Language :: Python :: 3.8",
        "Programming Language :: Python :: Implementation :: CPython",
        "Programming Language :: Python :: Implementation :: PyPy",
        "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
        "Topic :: Software Development :: Libraries :: Python Modules",
        "Topic :: Text Processing :: Markup :: HTML",
    ],
    packages=find_packages("src"),
    package_dir={"": "src"},
    include_package_data=True,
    python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
    install_requires=["MarkupSafe>=0.23"],
    extras_require={"i18n": ["Babel>=0.8"]},
    entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},

```



)

Found in path(s):

\* /opt/cola/permits/1160876753\_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/setup.py

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```
* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/LICENSE.rst
```

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```
/**
```

```
* markupsafe._speedups
```

```
* ~~~~~
```

```
*
```

```
* C implementation of escaping for better performance. Used instead of
```

```
* the native Python implementation when compiled.
```

```
*
```

```
* :copyright: 2010 Pallets
```

```
* :license: BSD-3-Clause
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/_speedups.c
```

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- \* /opt/cola/permits/1160876786\_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/\_constants.py
- \* /opt/cola/permits/1160876786\_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/\_\_init\_\_.py
- \* /opt/cola/permits/1160876786\_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/\_compat.py

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## 1.307 flask 1.1.1

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# 1.310 itsdangerous 1.1.0

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```
.. rst-class:: hide-header
```

```
itsdangerous
```

```
=====
```

```
.. image:: _static/itsdangerous-logo.png
   :align: center
   :target: https://palletsprojects.com/p/itsdangerous/
```

Sometimes you just want to send some data to untrusted environments. But how to do this safely? The trick involves signing. Given a key only you know, you can cryptographically sign your data and hand it over to someone else. When you get the data back you can easily ensure that nobody tampered with it.

Granted, the receiver can decode the contents and look into the package, but they can not modify the contents unless they also have your secret key. So if you keep the key secret and complex, you will be fine.

Internally itsdangerous uses HMAC and SHA-512 for signing by default. The initial implementation was inspired by `Django's signing module <<https://docs.djangoproject.com/en/dev/topics/signing/>>`. It also supports JSON Web Signatures (JWS).

The library is BSD licensed.

### Installing

```
-----
```

Install and update using `pip`\_:

```
.. code-block:: text
```

```
pip install -U itsdangerous
```

```
.. _pip: https://pip.pypa.io/en/stable/quickstart/
```

### Example Use Cases

```
-----
```

- You can serialize and sign a user ID in a URL and email it to them to unsubscribe from a newsletter. This way you don't need to generate one-time tokens and store them in the database. Same thing with any kind of activation link for accounts and similar things.
- Signed objects can be stored in cookies or other untrusted sources which means you don't need to have sessions stored on the server, which reduces the number of necessary database queries.
- Signed information can safely do a roundtrip between server and client in general which makes them useful for passing server-side state to a client and then back.

## Table of Contents

-----

.. toctree::

signer  
serializer  
exceptions  
timed

url\_safe  
jws  
encoding  
license  
changes

Found in path(s):

\* /opt/cola/permits/1160881332\_1620412835.08/0/pallets-itsdangerous-1-1-0-0-g6e63598-1-tar-gz/pallets-itsdangerous-6e63598/docs/index.rst

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```
import io
import re
```

```
from setuptools import find_packages
from setuptools import setup
```

```
with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()
```

```
with io.open("src/itsdangerous/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r"__version__ = \"(.*)\"", f.read()).group(1)
```

```
setup(
    name="itsdangerous",
    version=version,
```



```

url="https://palletsprojects.com/p/itsdangerous/",
project_urls={
    "Documentation": "https://itsdangerous.palletsprojects.com/",
    "Code": "https://github.com/pallets/itsdangerous",
    "Issue tracker": "https://github.com/pallets/itsdangerous/issues",
},
license="BSD",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets Team",
maintainer_email="contact@palletsprojects.com",
description="Various helpers to pass data to untrusted environments and back.",
long_description=readme,
packages=find_packages("src"),
package_dir={"": "src"},
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*",
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.4",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
],
)

```

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```
* /opt/cola/permits/1160881332_1620412835.08/0/pallets-itsdangerous-1-1-0-0-g6e63598-1-tar-gz/pallets-itsdangerous-6e63598/setup.py
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----

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## 1.313 pyyaml 5.3.1-1ubuntu0.1

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## 1.314 pydblite 3.0.4

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## 1.315 libx11 1.6.9-2ubuntu1.2

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```
# A grammar to describe tree matching patterns.
# Not shown here:
# - 'TOKEN' stands for any token (leaf node)
# - 'any' stands for any node (leaf or interior)
# With 'any' we can still specify the sub-structure.
```

```
# The start symbol is 'Matcher'.
```

```
Matcher: Alternatives ENDMARKER
```

```
Alternatives: Alternative ('| Alternative)*
```

Alternative: (Unit | NegatedUnit)+

```
Unit: [NAME '='] ( STRING [Repeater]
      | NAME [Details] [Repeater]
      | '(' Alternatives ')' [Repeater]
      | '[' Alternatives ']'
    )
```

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '\*' | '+' | '{' NUMBER [, NUMBER ]' }

Details: '<' Alternatives '>'

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\*

/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/PatternGrammar.txt

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('binary-only', None,

"cannot supply both '--source-only' and '--binary-only'")

'License: ' + self.distribution.get\_license(),

Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_rpm.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist\_rpm.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_rpm.py

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Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pygram.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_print.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_apply.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/refactor.py

```

* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/patcomp.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixer_base.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/patcomp.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_long.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/patcomp.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/tests/test_pytree.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/tests/pytree_idempotency.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_execfile.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_repr.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_exec.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixer_base.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/refactor.py
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/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_print.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_execfile.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_repr.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixer_base.py

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_has\_key.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_apply.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/refactor.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/tests/test\_pytree.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_repr.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_apply.py  
\*

/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_long.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_exec.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pytree.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/tests/test\_pytree.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_print.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_ne.py  
\*

/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/tests/pytree\_idempotency.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pygram.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pygram.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_execfile.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_ne.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_has\_key.py  
\*

/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_exec.py

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Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_standarderror.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_map.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_xrange.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_xrange.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_buffer.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_dict.py

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/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_buffer.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_dict.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_standarderror.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_standarderror.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_xrange.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_map.py

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/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_types.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_types.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_dict.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_filter.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_filter.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_buffer.py

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/opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_types.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_filter.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_map.py

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# version.

Found in path(s):

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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/cygwincompiler.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist_msi.py
*
```

```
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/cygwincompiler.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/cygwincompiler.py
```

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Found in path(s):

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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/tokenize.py
```

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executable.

Found in path(s):

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/spawn.py
```

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```
file.write('License: %s\n' % self.get_license())
```

Found in path(s):

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/dist.py
```

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/dist.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/dist.py

## 1.317 libwebp 0.6.1-2ubuntu0.20.04.1

### 1.317.1 Available under license :

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## 1.318 libnettle6 3.5.1+really3.5.1-2ubuntu0.2

### 1.318.1 Available under license :

/\* nettle-internal.c

Things that are used only by the testsuite and benchmark, and not included in the library.

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\*/

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Nettle

Upstream-Contact: Niels Miller <nisse@lysator.liu.se>

Source: <http://www.lysator.liu.se/~nisse/nettle/>

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A list of the supported algorithms, their origins and licenses (from the manual):

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#### ARCFOUR

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#### ARCTWO

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#### CAMELLIA

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#### CAST128

The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

#### DES

The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

#### MD2

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#### MD4

This is almost the same code as for MD5 below, with modifications by Marcus Comstedt. Released into the public domain.

#### MD5

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## SHA224, SHA256, SHA384, and SHA512

Written by Niels Miller, using Peter Gutmann's SHA1 code as a model. Released under the LGPL.

## TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

## RSA

Written by Niels Miller, released under the LGPL. Uses the GMP library for bignum operations.

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# 1.320 libidn 2.2.0 2

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# 1.321 activation-api 1.2.0

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## 1.325 gnutls 3.6.13-2ubuntu1.6

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#####

```
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## version 0.1  
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## Constant-time SSSE3 AES core implementation.

## version 0.1

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Paul Borman <borman@google.com>

bmatsuo

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## 1.334 kerberos 1.17-6ubuntu4.1

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cmd/krb5/iproplib/iproplib_hdr.h
cmd/krb5/kadmin/server/iproplib_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech_gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech_spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
```

lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
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lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
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lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c

lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation,  
including  
the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
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LZ4

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src/rdxxhash.[ch] src/lz4\*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

LZ4 Library

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parts of src/rdmurmur2.c: git@github.com:abandoned/murmur2.git

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# 1.339 luajit 2.1.0.beta3

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# 1.343 jcmturner-dnsutils 1.0.1

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cmd/krb5/kadmin/server/ipropld\_svc.c  
cmd/krb5/kproplog/kproplog.c  
cmd/krb5/slave/kpropd\_rpc.c  
lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c

lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
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lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h

kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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## 1.362 gogoprotobuf 1.3.2

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

Walter Schulze <awalterschulze@gmail.com>

## 1.363 jcmtturner-rpc 2.0.3

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* /opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-jar/META-INF/native-image/native-image.properties
```

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```
* /opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-
jar/io/helidon/config/yaml/internal/YamlConfigParser.java
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```
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jar/io/helidon/config/yaml/package-info.java
* /opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-
jar/io/helidon/config/yaml/YamlConfigParserBuilder.java
*
/opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-
jar/io/helidon/config/yaml/internal/package-info.java
* /opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-
```

jar/io/helidon/config/yaml/internal/YamlFileTypeDetector.java  
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Found in path(s):

\* /opt/cola/permits/1212207596\_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-jar/META-INF/maven/io.helidon.config/helidon-config-yaml/pom.xml  
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#

io.helidon.config.yaml.internal.YamlConfigParser

Found in path(s):

\* /opt/cola/permits/1212207596\_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-jar/META-INF/services/io.helidon.config.spi.ConfigParser  
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io.helidon.config.yaml.internal.YamlFileTypeDetector

Found in path(s):

```
* /opt/cola/permits/1212207596_1633726302.78/0/helidon-config-yaml-1-2-0-sources-1-jar/META-INF/services/java.nio.file.spi.FileTypeDetector
```

# 1.371 xdg-go-stringprep 1.0.2

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## 1.372 pbkdf2 1.0.0

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# 1.373 go-openapi-jsonpointer 0.19.5

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# 1.374 rcrowley-go-metrics 0.0.0-20200313005456-10cdbea86bc0

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# 1.376 go-uber-org-multierr 1.6.0

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## 1.378 structured-merge-diff 4.1.2

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## 1.379 spf13-pflag 1.0.5

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## 1.383 oklog-ulid 1.3.1

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### 20180428030007-95032a82bc51

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## 1.389 go-cleanhttp 0.5.2

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## 1.391 gofrs-uuid 3.2.0+incompatible

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## 1.392 goadesign-go 1.4.1

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## 1.393 kr-fs 0.1.0

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# 1.395 termbox-go 0.0.0-20160718140619-0723e7c3d0a3

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# 1.397 x-crypto 0.0.0-20190530122614-20be4c3c3ed5

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# 1.398 aws-sdk-go 1.34.28

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## 1.399 go.mongodb.org-mongo-driver 1.4.2

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Jan Mercl <0xjnm1@gmail.com>  
Kai Backman <kaib@golang.org>  
Marc-Antoine Ruel <maruel@chromium.org>  
Nigel Tao <nigeltao@golang.org>  
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## 1.413 go.uber.org/atomi 1.9.0

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## 1.424 tdb 1.45.5

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## 1.428 dimfeld-httpopath 0.0.0-20170720192232-ee938bf73598

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## 1.430 agentx-levenshtein 1.2.2

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# 1.431 manveru-faker 0.0.0-20171103152722-9fbc68a78c4d

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## 1.432 json-iterator-go 1.1.12

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## 1.433 modern-go-reflect2 1.0.2

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# 1.434 grpc-gateway 1.16.0

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## 1.435 python-requests 2.22.0 2ubuntu1

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## 1.437 pythonurllib 1.25.8 2ubuntu0.1

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# Contributions to the urllib3 project

## Creator & Maintainer

\* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

\* victor.vde <<http://code.google.com/u/victor.vde/>>

\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

\* Client-verified SSL certificates for HTTPSConnectionPool

\* Response gzip and deflate encoding support

\* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

\* Code review, PEP8 compliance, benchmark fix

\* kennethreitz <me@kennethreitz.com>

\* Bugfixes, suggestions, Requests integration

\* georgemarshall <<https://github.com/georgemarshall>>



- \* Bugfixes, Improvements and Test coverage
- \* Thomas Kluyver <thomas@kluyver.me.uk>
  - \* Python 3 support
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
  - \* Design review, bugfixes, test coverage.
- \* studer <theo.studer@gmail.com>
  - \* IPv6 url support and test coverage
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  - \* Support for explicitly closing pooled connections
- \* hartator <hartator@gmail.com>
  - \* Corrected multipart behavior for params
- \* Thomas Weischuh <thomas@t-8ch.de>
  - \* Support for TLS SNI
  - \* API unification of ssl\_version/cert\_reqs
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- \* Sune Kirkeby <mig@ibofobi.dk>
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- \* Marc Schlaich <marc.schlaich@gmail.com>
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- \* Boris Figovsky <boris.figovsky@ravello systems.com>
  - \* Allowed to skip SSL hostname verification
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<<https://lukasa.co.uk/about/>>
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  - \* Generate 'Host' header when using proxies.
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition

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- \* Stephen Holsapple <sholsapp@gmail.com>
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- \* Martin von Gagern <Martin.vGagern@gmx.net>
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- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
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- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>

- \* Google App Engine documentation
  
- \* Aaron Meurer  
<asmeurer@gmail.com>
  - \* Added `Url.url`, which unparses a `Url`
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
  - \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
  - \* Support for using `ConnectionPool` and `PoolManager` as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
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  - \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
  - \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
  - \* IPv6 bugfixes in testsuite
  
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  - \* App Engine environment tests.
  - \* Documentation re-write.
  
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  - \* Clues to debugging problems with ``cryptography`` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
  - \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
  - \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
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  - \* Fix low-level exceptions leaking from ```HTTPResponse.stream()```.
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- \* Predrag Gruevski <<https://github.com/obi1kenobi>>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <<https://github.com/a-tal>>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <[palaviv@gmail.com](mailto:palaviv@gmail.com)>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <[nate.prewitt@gmail.com](mailto:nate.prewitt@gmail.com)>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <[sethmichaellarson@protonmail.com](mailto:sethmichaellarson@protonmail.com)>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <[alex.dias@smarkets.com](mailto:alex.dias@smarkets.com)>
- \* Don't retry on timeout if method not in whitelist

- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai  
(through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6

- \* Tim Bell <<https://github.com/timb07>>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <<https://github.com/jbramleycl>>
- \* Add ability to handle multiple Content-Encodings
  
- \* Katsuhiko YOSHIDA <<https://github.com/kyoshidajp>>
- \* Remove Authorization header  
regardless of case when redirecting to cross-site
  
- \* James Meickle <<https://permadeath.com/>>
- \* Improve handling of Retry-After header
  
- \* Chris Jerdonek <[chris.jerdonek@gmail.com](mailto:chris.jerdonek@gmail.com)>
- \* Remove a spurious TypeError from the exception chain inside  
HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

## 1.438 libxcb 1.14 2

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## 1.439 python 3.8.2 0ubuntu2

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | 1991-1995    | CWI       | yes        |                     |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
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| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      |            |                     |
|                | PSF          | yes       |            |                     |
| 3.0            | 2.6          | 2008      | PSF        | yes                 |



|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |

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## 1.440 libyaml 0.2.2 1

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```
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#+STARTUP: showall
```

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

-----  
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include/bsd/stdlib.h

include/bsd/sys/param.h

include/bsd/unistd.h



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include/bsd/sys/queue.h  
include/bsd/sys/time.h  
include/bsd/timeconv.h  
include/bsd/vis.h  
man/bitstring.3bsd  
man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
man/funopen.3bsd  
man/getbsize.3bsd  
man/heapsort.3bsd  
man/nlist.3bsd  
man/queue.3bsd  
man/radixsort.3bsd  
man/reallocarray.3bsd  
man/reallocf.3bsd  
man/setmode.3bsd  
man/strmode.3bsd  
man/strnstr.3bsd  
man/strtoi.3bsd  
man/strtou.3bsd  
man/unvis.3bsd  
man/vis.3bsd  
man/wcsncpy.3bsd  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
src/radixsort.c  
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man/humanize\_number.3bsd  
man/stringlist.3bsd  
man/timeval.3bsd  
src/fmtcheck.c  
src/humanize\_number.c  
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man/getpeereid.3bsd  
man/pidfile.3bsd  
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src/arc4random\_linux.h  
src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/arc4random\_win.h  
src/closefrom.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
src/getentropy\_linux.c  
src/getentropy\_osx.c  
src/getentropy\_solaris.c  
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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)



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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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# 1.451 mitchellh-copystructure 1.0.0

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=====

LIBGCRYPT Werner Koch 2001-06-07

Assigns past and future changes.

Assignment for future changes terminated on 2012-12-04.

wk@gnupg.org

Designed and implemented Libgcrypt.

GNUPG Matthew Skala 1998-08-10

Disclaims changes.

mskala@ansuz.sooke.bc.ca

Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17

Assigns changes.

mroth@nessie.de

Wrote

cipher/des.c.

Changes and bug fixes all over the place.

GNUPG Niklas Hernaes 1998-09-18

Disclaims changes.

nh@df.lth.se

Weak key patches.

GNUPG Rmi Guyomarch 1999-05-25

Assigns past and future changes. (g10/compress.c, g10/encr-data.c,

g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)  
rguyom@mail.dotcom.fr

ANY g10 Code GmbH 2001-06-07  
Assignment for future changes terminated on 2012-12-04.  
Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31  
Assigns past and future changes.  
twoaday@freakmail.de

LIBGCRYPT Simon Josefsson 2002-10-25  
Assigns past and future changes to FSF (cipher/{md4,crc}.c, CTR mode,  
CTS/MAC flags, self test improvements)  
simon@josefsson.org

LIBGCRYPT Moritz Schulte 2003-04-17  
Assigns past and future changes.  
moritz@g10code.com

GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22  
nmav@gnutls.org  
Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15  
Assigns  
past and future changes. (new: src/libgrypt.pc.in,  
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,  
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,  
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,  
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09  
Assigns Past and Future Changes  
bradh@frogmouth.net  
(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.  
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07  
Assigns Past and Future Changes  
perky@freebsd.org  
(SEED cipher)

LIBGCRYPT Werner Dittmann 2009-05-20  
Assigns Past and Future Changes  
werner.dittmann@t-online.de  
(mpi/amd64, tests/mpitests.c)

GNUPG David Shaw  
Assigns past and future changes.  
dshaw@jabberwocky.com  
(cipher/camellia-glue.c and related stuff)

LIBGCRYPT Andrey Jivsov 2010-12-09  
Assigns  
Past and Future Changes  
openpgp@brainhub.org  
(cipher/ecc.c and related files)

LIBGCRYPT Ulrich Mller 2012-02-15  
Assigns Past and Future Changes  
ulm@gentoo.org  
(Changes to cipher/idea.c and related files)

LIBGCRYPT Vladimir Serbinenko 2012-04-26  
Assigns Past and Future Changes  
phcoder@gmail.com  
(cipher/serpent.c)

Authors with a DCO

=====

Andrei Scherer <andsch@inbox.com>  
2014-08-22:BF7CEF794F9.000003F0andsch@inbox.com:

Christian Aistleitner <christian@quelltextlich.at>  
2013-02-26:20130226110144.GA12678@quelltextlich.at:

Christian Grothoff <christian@grothoff.org>  
2013-03-21:514B5D8A.6040705@grothoff.org:

Dmitry Eremin-Solenikov <dbaryshkov@gmail.com>  
2013-07-13:20130713144407.GA27334@fangorn.rup.mentorg.com:

Dmitry Kasatkin <dmitry.kasatkin@intel.com>  
2012-12-14:50CAE2DB.80302@intel.com:

Jrmie Courrges-Anglas <jca@wxcvbn.org>  
2016-05-26:87bn3ssqg0.fsf@ritchie.wxcvbn.org

Jussi Kivilinna <jussi.kivilinna@mbnet.fi>  
2012-11-15:20121115172331.150537dzb5i6jmy8@www.dalek.fi:

Jussi

Kivilinna <jussi.kivilinna@iki.fi>  
2013-05-06:5186720A.4090101@iki.fi:

Markus Teich <markus dot teich at stusta dot mhn dot de>  
2014-10-08:20141008180509.GA2770@trolle:

Mathias L. Baumann <mathias.baumann at sociomantic.com>  
2017-01-30:07c06d79-0828-b564-d604-fd16c7c86ebe@sociomantic.com:

Milan Broz <gmazyland@gmail.com>  
2014-01-13:52D44CC6.4050707@gmail.com:

Peter Wu <peter@lekensteyn.nl>  
2015-07-22:20150722191325.GA8113@al:

Rafal Carr <funman@videolan.org>  
2012-04-20:4F91988B.1080502@videolan.org:

Sergey V. <sftp.mtuci@gmail.com>  
2013-11-07:2066221.5IYa7Yq760@darkstar:

Stephan Mueller <smueller@chronox.de>  
2014-08-22:2008899.25OeoeIVVA@myon.chronox.de:

Tom Mrz <tm@t8m.info>  
2012-04-16:1334571250.5056.52.camel@vespa.frost.loc:

Vitezslav Cizek <vcizek@suse.com>  
2015-11-05:20151105131424.GA32700@kolac.suse.cz

Werner Koch <wk@gnupg.org> (g10 Code GmbH)  
2012-12-05:87obi8u4h2.fsf@vigenere.g10code.de:

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The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne, sergi at calcurco dot org.

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## 1.456 libssh 0.9.3 2ubuntu2.2

### 1.456.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: libssh

Upstream-Contact: libssh@libssh.org

Andreas Schneider <asn@cryptomilk.org>

Source: <https://git.libssh.org/projects/libssh.git>

Files: \*

Copyright: \*No copyright\*

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Comment:

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Files: include/libssh/auth.h  
include/libssh/bignum.h  
include/libssh/bind.h  
include/libssh/buffer.h  
include/libssh/channels.h  
include/libssh/crc32.h  
include/libssh/crypto.h  
include/libssh/dh.h  
include/libssh/ecdh.h  
include/libssh/ed25519.h  
include/libssh/gssapi.h  
include/libssh/kex.h  
include/libssh/keys.h  
include/libssh/legacy.h  
include/libssh/libcrypto.h  
include/libssh/libcrypt.h  
include/libssh/libssh.h  
include/libssh/libsshpp.hpp  
include/libssh/messages.h  
include/libssh/misc.h  
include/libssh/packet.h

include/libssh/pcap.h  
include/libssh/pki.h  
include/libssh/pki\_priv.h  
include/libssh/poll.h  
include/libssh/priv.h  
include/libssh/scp.h  
include/libssh/server.h  
include/libssh/session.h  
include/libssh/sftp.h  
include/libssh/socket.h  
include/libssh/string.h  
include/libssh/threads.h  
include/libssh/wrapper.h  
src/auth1.c  
src/base64.c  
src/bignum.c  
src/bind.c

src/buffer.c  
src/client.c  
src/connect.c  
src/crc32.c  
src/ecdh.c  
src/error.c  
src/gcrypt\_missing.c  
src/init.c  
src/kex.c  
src/kex1.c  
src/legacy.c  
src/libcrypto.c  
src/libgcrypt.c  
src/log.c  
src/messages.c  
src/packet.c  
src/packet1.c  
src/packet\_cb.c  
src/packet\_crypt.c  
src/pcap.c  
src/pki\_container\_openssh.c  
src/pki\_ed25519.c  
src/server.c  
src/session.c  
src/sftpserver.c  
src/socket.c  
src/string.c  
src/threads.c  
src/threads/pthread.c  
src/wrapper.c  
tests/benchmarks/bench\_raw.c  
tests/benchmarks/bench\_scp.c  
tests/benchmarks/bench\_sftp.c  
tests/benchmarks/benchmarks.c  
tests/benchmarks/benchmarks.h  
tests/benchmarks/latency.c  
tests/client/torture\_algorithms.c  
tests/client/torture\_auth.c  
tests/client/torture\_connect.c  
tests/client/torture\_knownhosts.c  
tests/client/torture\_session.c  
tests/test\_pcap.c  
tests/test\_socket.c

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Files: examples/exec.c

examples/senddata.c

examples/CMakeLists.txt  
include/libssh/ssh1.h  
include/libssh/ssh2.h  
tests/authentication.c  
tests/benchmarks/bench1.sh  
tests/benchmarks/bench2.sh  
tests/chmodtest.c  
tests/client/torture\_proxycommand.c  
tests/client/torture\_sftp\_dir.c  
tests/client/torture\_sftp\_read.c  
tests/cmdline.c  
tests/connection.c  
tests/generate.py  
tests/sftp\_stress/main.c  
tests/test\_exec.c  
tests/test\_ssh\_bind\_accept\_fd.c  
tests/test\_tunnel.c  
tests/tests.h  
tests/unittests/torture\_buffer.c  
tests/unittests/torture\_callbacks.c  
tests/unittests/torture\_channel.c  
tests/unittests/torture\_init.c  
tests/unittests/torture\_isipaddr.c  
tests/unittests/torture\_keyfiles.c  
tests/unittests/torture\_list.c  
tests/unittests/torture\_misc.c  
tests/unittests/torture\_options.c  
tests/unittests/torture\_pki.c  
tests/unittests/torture\_rand.c

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Files: examples/authentication.c  
examples/connect\_ssh.c  
examples/examples\_common.h  
examples/knownhosts.c  
examples/libssh\_scp.c  
examples/libsshpp.cpp  
examples/libsshpp\_noexcept.cpp  
examples/proxy.c  
examples/sample.c  
examples/samplesftp.c  
examples/samplesshd-cb.c  
examples/samplesshd-kbdint.c  
examples/scp\_download.c  
examples/sshnetcat.c



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Files: src/external/curve25519\_ref.c

src/external/ed25519.c

src/external/fe25519.c

src/external/ge25519.c

src/external/ge25519\_base.data

src/external/sc25519.c

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Files: tests/pkd/pkd\_client.h

tests/pkd/pkd\_daemon.c

tests/pkd/pkd\_daemon.h

tests/pkd/pkd\_hello.c

tests/pkd/pkd\_keyutil.c

tests/pkd/pkd\_keyutil.h

tests/pkd/pkd\_util.c

tests/pkd/pkd\_util.h

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Files: src/channels.c

src/channels1.c

src/gzip.c

src/known\_hosts.c

src/misc.c

src/options.c

src/pki.c

src/pki\_crypto.c

src/pki\_gcrypt.c

src/sftp.c

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Files: include/libssh/agent.h

include/libssh/options.h

src/agent.c

src/callbacks.c

src/config.c

tests/client/torture\_forward.c

tests/client/torture\_request\_env.c  
tests/torture.c  
tests/torture.c  
tests/torture.h

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Files: include/libssh/curve25519.h  
src/curve25519.c

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Files: include/libssh/callbacks.h  
src/scp.c

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Files: src/match.c

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Files: include/libssh/knownhosts.h

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cmake/Modules/FindArgp.cmake  
cmake/Modules/FindCMocka.cmake  
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## 1.457 go-openapi-jsonreference 0.19.6

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```
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-  
jar/com/cronutils/parser/CronParser.java  
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-  
jar/com/cronutils/model/field/expression/Always.java  
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/Utils/Predicates.java  
*  
/opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-  
jar/com/cronutils/model/field/expression/And.java  
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-  
jar/com/cronutils/parser/FieldParser.java  
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/Function.java
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* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/converter/CronConverter.java
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/converter/BaseCronTransformer.java
* /opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/converter/CronToCalendarTransformer.java
*
/opt/cola/permits/1232453274_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/converter/CalendarToCronTransformer.java
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```
*/
```

```
/**
```

```
 * DAY_OF_YEAR is similar to DAY_OF_MONTH whose main purpose is the definition of
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```

```
*/
```

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```
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jar/com/cronutils/model/field/CronFieldName.java
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\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/QuestionMark.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/StringValidations.java  
\*  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/ExecutionTime.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/definition/FieldQuestionMarkDefinitionBuilder.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/descriptor/TimeDescriptionStrategy.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/value/SpecialChar.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/descriptor/NominalDescriptionStrategy.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/definition/CronDefinition.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/definition/FieldSpecialCharsDefinitionBuilder.java

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\*  
/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/Utils/WeekendPolicy.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/SingleExecutionTime.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/constraint/FieldConstraints.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/Utils/DateUtils.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/Every.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/descriptor/DescriptionStrategy.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/CronField.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/On.java  
\*  
/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/definition/FieldDefinition.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/parser/CronParserField.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/visitor/ValidationFieldExpressionVisitor.java  
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\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/Cron.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/descriptor/CronDescriptor.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/definition/CronConstraint.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/mapper/CronMapper.java  
\*  
/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/constraint/FieldConstraintsBuilder.java  
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\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/NoSuchValueException.java

\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/FieldValueGeneratorFactory.java

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/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/value/FieldValue.java

\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/definition/FieldDayOfWeekDefinitionBuilder.java

\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/visitor/FieldExpressionVisitorAdaptor.java

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\*

/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/OnDayOfCalendarValueGenerator.java

\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/NullFieldValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/OnDayOfWeekValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/NearestValue.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/value/SpecialCharFieldValue.java  
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\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/OnFieldValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/builder/CronBuilder.java  
\*  
/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/EveryDayOfWeekValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/TimeNode.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/AndDayOfWeekValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/FieldValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/FieldExpressionFactory.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/value/IntegerFieldValue.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/AndFieldValueGenerator.java  
\*  
/opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/definition/DayOfWeekFieldDefinition.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/EveryFieldValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/visitor/FieldExpressionVisitor.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/OnDayOfMonthValueGenerator.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/field/expression/visitor/ValueMappingFieldExpressionVisitor.java  
\* /opt/cola/permits/1232453274\_1637823020.08/0/cron-utils-9-1-6-sources-jar/com/cronutils/model/time/generator/BetweenFieldValueGenerator.java  
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jar/com/cronutils/model/definition/CronConstraintsFactory.java  
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jar/com/cronutils/descriptor/DescriptionStrategyFactory.java

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ISO C9x compliant stdint.h for Microsoft Visual Studio

Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124

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contextlib2 is a derivative of the contextlib module distributed by the PSF as part of the Python standard library. According, it is itself redistributed under the PSF license (reproduced in full below). As the contextlib module was added only in Python 2.5, the licenses for earlier Python versions are not applicable and have not been included.

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.

In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases that included the contextlib module.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
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| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
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| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
| 3.2.2   | 3.2.1        | 2011 | PSF   | yes                 |
| 3.3     | 3.2          |      |       |                     |
| 2012    | PSF          | yes  |       |                     |

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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      | PSF        | yes                 |
| 2.6.5          | 2.6.4        | 2010      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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## 1.467 kubernetes-client 0.21.4

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## 1.471 xxhash 2.1.2

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## 1.472 libseccomp 2.5.1-1ubuntu1~20.04.2

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## 1.474 snake-yaml 1.28

### 1.474.1 Available under license :

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Manifest-Version: 1.0  
Automatic-Module-Name: org.yaml.snakeyaml  
Bnd-LastModified: 1613973356620  
Build-Jdk: 11.0.10  
Built-By: alex13  
Bundle-Description: YAML 1.1 parser and emitter for Java

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: SnakeYAML  
Bundle-SymbolicName: org.yaml.snakeyaml  
Bundle-Version: 1.28.0  
Created-By: Apache Maven Bundle Plugin  
Export-Package: org.yaml.snakeyaml;version="1.28",org.yaml.snakeyaml.comments;version="1.28",org.yaml.snakeyaml.composer;version="1.28",org.yaml.snakeyaml.constructor;version="1.28",org.yaml.snakeyaml.emitter;version="1.28",org.yaml.snakeyaml.env;version="1.28",org.yaml.snakeyaml.error;version="1.28",org.yaml.snakeyaml.events;version="1.28",org.yaml.snakeyaml.extensions.compactnotation;version="1.28",org.yaml.snakeyaml.introspector;version="1.28",org.yaml.snakeyaml.nodes;version="1.28",org.yaml.snakeyaml.parser;version="1.28",org.yaml.snakeyaml.reader;version="1.28",org.yaml.snakeyaml.representer;version="1.28",org.yaml.snakeyaml.resolver;version="1.28",org.yaml.snakeyaml.scanner;version="1.28",org.yaml.snakeyaml.serializer;version="1.28",org.yaml.snakeyaml.tokens;version="1.28",org.yaml.snakeyaml.util;version="1.28"  
Import-Package: org.yaml.snakeyaml;version="[1.28,2)",org.yaml.snakeyaml.comments;version="[1.28,2)",org.yaml.snakeyaml.composer;version="[1.28,2)",org.yaml.snakeyaml.emitter;version="[1.28,2)",org.yaml.snakeyaml.error;version="[1.28,2)",org.yaml.snakeyaml.events;version="[1.28,2)",org.yaml.snakeyaml.introspector;version="[1.28,2)",org.yaml.snakeyaml.nodes;version="[1.28,2)",org.yaml.snakeyaml.parser;version="[1.28,2)",org.yaml.snakeyaml.reader;version="[1.28,2)",org.yaml.snakeyaml.resolver;version="[1.28,2)",org.yaml.snakeyaml.scanner;version="[1.28,2)",org.yaml.snakeyaml.serializer;version="[1.28,2)",org.yaml.snakeyaml.tokens;version="[1.28,2)"  
Require-Capability:  
  osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-3.5.0.201709291849

Found in path(s):

\* /opt/cola/permits/1248307574\_1640375818.14/0/snakeyaml-1-28-jar/META-INF/MANIFEST.MF

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\* /opt/cola/permits/1248307574\_1640375818.14/0/snakeyaml-1-28-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml

## 1.475 jackson-databind 2.13.1

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## 1.476 jackson 2.13.1

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# 1.477 python-requests 2.27.1

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## 1.479 logr 1.2.2

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## 1.480 backoff 4.1.2

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# 1.482 go-openapi-spec 0.20.4

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package spec

import (
    "encoding/json"
    "testing"

    "github.com/stretchr/testify/assert"
)

var license = License{
    LicenseProps: LicenseProps{Name: "the name", URL: "the url"},
    VendorExtensible: VendorExtensible{Extensions: map[string]interface{}{"x-license": "custom term"}}}

const licenseJSON = `{
    "name": "the name",
    "url": "the url",
    "x-license": "custom term"
}`

func TestIntegrationLicense(t
    *testing.T) {

    // const licenseYAML = "name: the name\nurl: the url\n"

    b, err := json.MarshalIndent(license, "", "\t")
    if assert.NoError(t, err) {
        assert.Equal(t, licenseJSON, string(b))
    }

    actual := License{}
```

```

err = json.Unmarshal([]byte(licenseJSON), &actual)
if assert.NoError(t, err) {
    assert.EqualValues(t, license, actual)
}
}
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package spec

import (
    "encoding/json"

    "github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON
hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

```

```

}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}

```

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# 1.483 go-jmespath 0.4.0

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## 1.484 dom 1.0

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```
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jar/org/apache/xerces/dom3/as/ElementEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASObject.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/DOMImplementationAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASModel.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/DocumentAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASElementDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASDataType.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASContentModel.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/DOMASWriter.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/DocumentEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom3/as/ASObjectList.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
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jar/org/apache/xerces/dom3/as/DOMASBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/DOMASException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/NodeEditAS.java  
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 */
/**
 * Checks if this content model has had its min/maxOccurs values reduced for
 * purposes of speeding up UPA. If
 * so, this content model should not be used
 * for any purpose other than checking unique particle attribution
 *
 * @return a boolean that says whether this content has been compacted for UPA
 */
```

Found in path(s):  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMValidator.java  
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\*/

/\*\*

- \* DOM Level 3 LS CR - Experimental.
- \* Create a new `LSParser`. The newly constructed parser may
- \* then be configured by means of its `DOMConfiguration`
- \* object, and used to parse documents by means of its `parse`
- \* method.
- \* @param mode The `mode` argument is either
- \* `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if
- \* `mode` is `MODE_SYNCHRONOUS` then the
- \* `LSParser` that is created will operate in synchronous
- \* mode, if it's `MODE_ASYNCHRONOUS` then the
- \* `LSParser` that is created will operate in asynchronous
- \* mode.
- \* @param schemaType An absolute URI representing the type of the schema
- \* language used during the load of a `Document` using the
- \* newly created `LSParser`. Note that no lexical checking
- \* is done on the absolute URI. In order to create a
- \* `LSParser` for any kind of schema types (i.e. the
- \* `LSParser` will be free to use any schema

found), use the value

- \* `null`.
- \* 

<b>Note:</b> For W3C XML Schema [[- \\* , applications must use the value
- \\* `"http://www.w3.org/2001/XMLSchema"`. For XML DTD \[\[- \\\* applications must use the value
- \\\* `"http://www.w3.org/TR/REC-xml"`. Other Schema languages
- \\\* are outside the scope of the W3C and therefore should recommend an
- \\\* absolute URI in order to use this method.
- \\\* @return The newly created `LSParser` object. This
- \\\* `LSParser` is either synchronous or asynchronous
- \\\* depending on the value of the `mode` argument.
- \\\* 

<b>Note:</b> By default, the newly created `LSParser`

- \\\* does not contain a `DOMErrorHandler`, i.e. the value of
- \\\* the "\\[- \\\\* `error-handler`" configuration parameter is `null`. However, implementations
- \\\\* may provide a default error handler at creation time. In that case,
- \\\\* the initial value of the `"error-handler"` configuration
- \\\\* parameter on the new created `LSParser` contains a
- \\\\* reference to the default error handler.\\]\\(http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler\\)\]\(http://www.w3.org/TR/2000/REC-xml-20001006\)](http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/)

- \* @exception DOMException
- \* NOT\_SUPPORTED\_ERR: Raised if the requested mode or schema type is
- \* not supported.

\*/

Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLErrorHandler.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ShadowedSymbolTable.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLImgElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptgroupElement.java

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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/parser/XMLInputSource.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLImgElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredCDATASectionImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLTimerElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSParticle.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLWmlElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/xs/AnySimpleDV.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/StringList.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLTimerElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/regex/CaseInsensitiveMap.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/SchemaDOMImplementation.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/DefaultXMLDocumentHandler.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLAnchorElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xml/serialize/HTMLSerializer.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLHtmlElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/stax/DefaultNamespaceContext.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/SchemaParsingConfig.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/XML11NSDtdValidator.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xpointer/XPointerMessageFormatter.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSException.java



\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLMetaElementImpl.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLQuoteElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/EncodingMap.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeTextReader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMInputImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/ObjectFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLCatalogResolver.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/TeeXMLDocumentFilterImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableSectionElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMStateSet.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/Base64BinaryDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DraconianErrorHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTitleElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/ElementDefinitionImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLElementDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeGroupDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/AbstractDOMParser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLSelectElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLabelElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/html/dom/HTMLFieldSetElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLCardElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/ShortListImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/util/Base64.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/CDATASectionImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/CMBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLMetaElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/XSSimpleType.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDelegate.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/opti/SchemaDOMParser.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xpath/regex/RegularExpression.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/opti/ElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/events/UIEventImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/Method.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/events/EntityReferenceImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/datatypes/ByteList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLBodyElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/XMLNSDTDValidator.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMBinOp.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DeferredAttrImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/DOMUtil.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLIElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/SAXParserFactoryImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xpointer/ElementSchemePointer.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/msg/XMLMessageFormatter.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/DefaultElement.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/SoftReferenceGrammarPool.java  
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 jar/org/apache/xerces/jaxp/validation/AbstractXMLSchema.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/AttrNSImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/datatype/DurationImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLTdElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/XMLEntityDescription.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/parser/XMLDTDScanner.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/SecurityManager.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSModel.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/XMLErrorCode.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/DOMResultAugmentor.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/identity/FieldActivator.java  
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 jar/org/apache/xerces/dom/ParentNode.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/util/XIntPool.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLTableCellElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/SchemaSymbols.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/ObjectFactory.java  
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 jar/org/apache/xerces/impl/io/UTF16Reader.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/dom/TextImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMStringListImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/NonValidatingConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLImageElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DecimalDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSModelImpl.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/ShortList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/ListDatatypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/StAXEventResultBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredAttrNSImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/DTDGrammar.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredEntityReferenceImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/ObjectList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/identity/XPathMatcher.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLHeadElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/PSVIErrorList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11NMTOKENDatatypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/StartDocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/XMLSerializer.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/identity/KeyRef.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSDDescription.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLAttributes.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLHeadElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/dom/DeferredEntityImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/StAXDocumentHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/io/Latin1Reader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/LCount.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/XMLDTDProcessor.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/BooleanDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLEntityResolver.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DOMMessageFormatter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/SchemaGrammar.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/grammars/XMLGrammarDescription.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/XSInputSource.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/ValidatedInfo.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/ChildNode.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/XSNamedMapImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/Constants.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/events/MouseEventImpl.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/XMLDTDValidatorFilter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/XMLDocumentScannerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/Util.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xinclude/XInclude11TextReader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/DefaultValidationErrorHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLOptgroupElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/SchemaValidatorConfiguration.java  
\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLPostfieldElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/StAXSchemaParser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredNotationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLNSDocumentScannerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ReadOnlyGrammarPool.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMErrorImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLAttributesImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAttributeTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLDocumentParser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDComplexTypeTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DatatypeMessageFormatter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLIElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLNoopElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/SecuritySupport.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DatatypeException.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/ENTITYDatatypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLInputElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLTableElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/ElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/SchemaContentHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SoftReferenceSymbolTableConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/BalancedDTDGrammar.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/ShortHandPointer.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLParserConfiguration.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/BasicParserConfiguration.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLPreElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SecurityConfiguration.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/AbstractXMLDocumentParser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/validation/ValidationState.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/HTMLdtd.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLDOMImplementation.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AugmentationsImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSImplementation.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDocumentScanner.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/SAXLocatorWrapper.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/SynchronizedSymbolTable.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSGrammarBucket.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLNoopElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerErrorHandler.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDSources.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/ProcessingInstructionImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/namespace/Context.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/XMLSchemaFactory.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTdElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/html/dom/HTMLDListElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/xs/DayTimeDurationDV.java  
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 jar/org/apache/wml/dom/WMLUElementImpl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/util/XSNamedMap4Types.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/datatypes/XSDateTime.java  
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 jar/org/apache/xerces/impl/xs/opti/DefaultText.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/models/CMLLeaf.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSTerm.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/parser/XMLComponent.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLSmallElementImpl.java  
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 jar/org/apache/xerces/jaxp/DocumentBuilderImpl.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/DatatypeValidator.java  
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 jar/org/apache/html/dom/HTMLTextAreaElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/AttributePSVI.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/regex/Token.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredNode.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xml/serialize/XML11Serializer.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/traversers/XSDAttributeGroupTraverser.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/xerces/impl/xs/util/SimpleLocator.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/MessageFormatter.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/XMLErrorReporter.java



\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/XSLoaderImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/XML11NamespaceBinder.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/SecuritySupport.java  
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 jar/org/apache/html/dom/HTMLFormElementImpl.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/XMLResourceIdentifierImpl.java  
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 jar/org/apache/wml/dom/WMLElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/XPath.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLMenuElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLCollectionImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/XMLDocumentFragmentHandler.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/XSComplexTypeDecl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/SAXInputSource.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/XPointerParserConfiguration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/datatype/SerializedDuration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/io/UTF8Reader.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/InvalidDatatypeValueException.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/DOMInputSource.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/XSNotationDecl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLAreaElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLBigElement.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/XMLChar.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLPostfieldElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/dom/DeepNodeListImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/EntityReferenceImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/ProcessingInstructionImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLPrevElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DOMXSImplementationSourceImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/models/MixedContentModel.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/Augmentations.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/BaseDVFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/XMLVersionDetector.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/grammars/XMLDTDDescription.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/dtd/IDDatatypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSComplexTypeDefinition.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/NotationImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLBElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/identity/UniqueOrKey.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/datatype/DatatypeFactoryImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLAnchorElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/DOMSerializerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLIFrameElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/LineSeparator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/XMLLocatorWrapper.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSWildcard.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/StreamValidatorHelper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/StAXLocationWrapper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLDoElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/IntegratedParserConfiguration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/XMLNotationDecl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/ValidatorHelper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/xs/BaseSchemaDVFactory.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/identity/IdentityConstraint.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/CommentImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredProcessingInstructionImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/stax/events/CommentImpl.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/xerces/util/SoftReferenceSymbolTable.java  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xml/serialize/XHTMLSerializer.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLWmlElement.java  
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 jar/org/apache/xerces/dom/ASModelImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredDocumentTypeImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/DOMValidatorHelper.java

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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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jar/org/apache/xerces/impl/xs/opti/NodeImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/parsers/XMLGrammarCachingConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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jar/org/apache/xerces/xpointer/XPointerPart.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/QName.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLemElementImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/grammars/XMLGrammarPool.java  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/FloatDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/XML11DocumentScannerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/ErrorHandlerWrapper.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSAttributeGroupDefinition.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/models/CMAny.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/events/StartElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/DOMSerializer.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSModelGroupDefinition.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/events/EndElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/QNameDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLBrElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/html/dom/HTMLScriptElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/XMLStringBuffer.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/events/MutationEventImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/ObjectFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDGroupTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/FullDVFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xinclude/ObjectFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/events/DTDImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/parsers/DOMParserImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLTrElement.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/models/CMUniOp.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DocumentFragmentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLSelectElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDSimpleTypeTraverser.java  
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jar/org/apache/xerces/impl/XML11EntityScanner.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/StringDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/IDREFDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLButtonElementImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/identity/Field.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/opti/TextImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLOneventElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/util/ByteListImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/XIncludeParserConfiguration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLStrongElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/CachingParserPool.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/ParserConfigurationSettings.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLDocument.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/EmptyXMLSchema.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSObjectList.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/DefaultNode.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLMapElementImpl.java  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/XMLDTDCContentModelHandler.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLEmElement.java  
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 jar/org/apache/xerces/dom/PSVIDocumentImpl.java  
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 jar/org/apache/xerces/impl/dtd/DTDGrammarBucket.java  
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 jar/org/apache/xerces/impl/xs/ElementPSVImpl.java  
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 jar/org/apache/xerces/impl/xpath/regex/REUtil.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/parser/XMLParseException.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/regex/Op.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/parser/XMLDTDCContentModelSource.java  
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 jar/org/apache/wml/dom/WMLTemplateElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/dom/SecuritySupport.java  
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 jar/org/apache/wml/dom/WMLInputElementImpl.java  
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 jar/org/apache/xerces/impl/dv/dtd/NMTOKENDatatypeValidator.java  
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 jar/org/apache/xml/serialize/OutputFormat.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \*  
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 jar/org/apache/xerces/util/SymbolHash.java  
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 jar/org/apache/xerces/impl/dv/xs/ListDV.java  
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 jar/org/apache/xerces/dom/DOMImplementationSourceImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLBrElement.java  
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 jar/org/apache/xerces/impl/xs/XMLSchemaLoader.java  
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 jar/org/apache/xerces/impl/XMLScanner.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/XMLGrammarPoolImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/ElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLStrongElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSNotationDeclaration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xml/serialize/EncodingInfo.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLMetaElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/CMNodeFactory.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFontElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTableElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLAppletElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/IDDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/SecuritySupport.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSObject.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/SchemaDVFactory.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLEntityDecl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ErrorHandlerProxy.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/DTDDVFactoryImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMNode.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/StringListImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTemplateElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XML11Configurable.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/InvalidDatatypeFacetException.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractParticleTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/StAXStreamResultBuilder.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/datatype/XMLGregorianCalendarImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XInt.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSConstants.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Serializer.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/SubstitutionGroupHandler.java



\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/TypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/SAXParserImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/parsers/XMLParser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XSGroupDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DoubleDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/Version.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/IntStack.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/io/ASCIIReader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSIDCDefinition.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLCardElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/AttrImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLAElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/opti/DefaultDocument.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/FilePathToURI.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/parsers/ObjectFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLPrevElementImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/util/HexBin.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/datatype/SerializedXMLGregorianCalendar.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLDTDContentModelFilter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSModelGroup.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLBaseFontElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DeferredElementDefinitionImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XSElementDeclHelper.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLComponentManager.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/PrimeNumberSequenceGenerator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLOneventElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/SchemaDVFactoryImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/ImmutableLocation.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/XMLSchema.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSLoader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/UnionDV.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/XNIException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLDocumentSource.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/grammars/XSGrammar.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLBElement.java  
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jar/org/apache/xerces/parsers/SAXParser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/datatypes/XSDecimal.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XSWildcardDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DOMConfigurationImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLTableColElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLTrElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLDOMImplementationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMUniOp.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLGrammarLoader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/validation/ConfigurableValidationState.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/IndentPrinter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/ElementState.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/ObjectFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIDOMImplementationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/DFAContentModel.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/AttributeMap.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/EndDocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLPElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/XSFloat.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/StringDatatypeValidator.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMRepeatingLeaf.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIAttrNSImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLDocumentFragmentScannerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/ValidationContext.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/Grammar.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAccessElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/Match.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSMessageFormatter.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/TextSerializer.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/NamespaceImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/xs/XSAttributeDeclaration.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/JAXPConstants.java  
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 jar/org/apache/wml/WMLAElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/EntityResolverWrapper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DOMOutputImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DOMImplementationImpl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/SecuritySupport.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/ExternalSubsetResolver.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/NodeListCache.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/PSVIElementNSImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xinclude/XIncludeHandler.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/SAXMessageFormatter.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSNamespaceItemList.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/DOMEntityResolverWrapper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/regex/RegexParser.java  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/stax/events/AttributeImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/dtd/IDREFDatatypeValidator.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLUElement.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLHeadElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/xerces/util/LocatorProxy.java  
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 jar/org/apache/xerces/impl/xs/identity/Selector.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/dtd/XML11IDDatatypeValidator.java  
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 jar/org/apache/xerces/impl/xs/XSAnnotationImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/LSInputList.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/XPathException.java  
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 jar/org/apache/xerces/stax/events/EntityDeclarationImpl.java  
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 jar/org/apache/xerces/parsers/AbstractSAXParser.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLBigElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/XMLLocator.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSTypeDefinition.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/ItemPSVI.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/URI.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLObjectElementImpl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/xs/AnyAtomicDV.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/WeakReferenceXMLSchema.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/datatypes/XSQName.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/NodeIteratorImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/DefaultErrorHandler.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/impl/xpath/regex/BMPattern.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/SimpleXMLSchema.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLLegendElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/YearMonthDurationDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDWildcardTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLHeadingElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/XSFacets.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/ElementPSVI.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLRefreshElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/XSGrammarPool.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/XMLResourceIdentifier.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLDirectoryElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/parsers/XML11Configuration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/EntityImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/io/MalformedByteSequenceException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/UnparsedEntityHandler.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLAccessElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/XMLSymbols.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xpointer/XPointerProcessor.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLSetvarElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/XMLDTDHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSMultiValueFacet.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSAnnotation.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLinkElementImpl.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/events/EventImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DTDDVFactory.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/identity/ValueStore.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorHandlerImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DOMErrorHandlerWrapper.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/XMLEventImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XS10TypeHelper.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDivElementImpl.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSNamespaceItem.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XML11Char.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameSetElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLNamespaceBinder.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarPreparser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSImplementationImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLBRElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/RangeExceptionImpl.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/PSVIProvider.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaException.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSNamedMap.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLStyleElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/impl/xs/XSAttributeUseImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/validation/ValidationManager.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/EntityResolver2Wrapper.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/XSElementDecl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/parsers/DOMParser.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/XMLAttributeDecl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLLIElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/XSParticleDecl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/models/ContentModelValidator.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/util/StAXInputSource.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dtd/XMLContentSpec.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DocumentTypeImpl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLOptionElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xinclude/XIncludeMessageFormatter.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/AttributePSVImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLSelectElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xni/XMLString.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLTableRowElementImpl.java  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLListElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/SchemaDOM.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/XMLDTDScannerImpl.java



\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLInputElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/PrecisionDecimalDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMDocumentHandler.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLPullParserConfiguration.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SecureProcessingConfiguration.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDocumentFilter.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XSObjectListImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NamedNodeMapImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSFacet.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLGoElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Printer.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11DTDDProcessor.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDDescription.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLRefreshElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParserForXMLSchema.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMNormalizer.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/IntegerDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/DocumentBuilderFactoryImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLIsIndexElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/SimpleContentModel.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredDocumentImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/xs/XSSimpleTypeDefinition.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/EmptyLocation.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/SerializerFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/HTTPInputSource.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/Encodings.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSAttributeUse.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xml/serialize/BaseMarkupSerializer.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/events/CharactersImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DeferredDOMImplementationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/stax/XMLEventFactoryImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/JAXPNamespacesContextWrapper.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/NamespacesSupport.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/XMLDocumentHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DOMLocatorImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/LSInputListImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XSDeclarationPool.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/models/CMBinOp.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/ExtendedSchemaDVFactoryImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/XML11DTDValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/EntityDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/SymbolTable.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/AnyURIDV.java  
\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityScanner.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityManager.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeNamespaceSupport.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSEmptyCM.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptGroupElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DVFactoryException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDocumentImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDateTimeException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptionElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLPElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptionElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLParamElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/TreeWalkerImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11DTDDVFactoryImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParseException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDFilter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDNotationTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLSchemaDescription.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMResultBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/html/dom/HTMLModElementImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/wml/dom/WMLDocumentImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom/DeferredElementNSImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/html/dom/HTMLTableCaptionElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/XMLEntityHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/parsers/StandardParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/models/XSAllCM.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/opti/AttrImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/wml/dom/WMLFieldsetElementImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/wml/dom/WMLDoElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/RangeToken.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/html/dom/NameNodeListImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/wml/dom/WMLDOMImplementationImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/io/UCSReader.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/RevalidationHandler.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSValue.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom/NodeImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/util/AttributesProxy.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dtd/XMLSimpleType.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java
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```

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AbstractDateDV.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDUniqueOrKeyTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DurationDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java

```
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/DayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
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jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DOMMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XPointerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/SAXMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties
```



# 1.485 jackson-annotations 2.13.1

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## 1.491 binutils 2.34-6ubuntu1.3

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```
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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of

Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon



University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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Any

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a

derivative of the original library, and the ordinary

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treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification

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```

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```
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```
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at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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# 1.518 proto-otlp 0.12.0

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## 1.519 google-go-cmp 0.5.7

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## 1.520 otel-metric 0.27.0

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lib/erl/src/Makefile.am

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-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4  
components:

```
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#
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```

-----  
For the lib/nodejs/lib/thrift/json\_parse.js:

```
/*
  json_parse.js
  2015-05-02
  Public Domain.
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
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 * relieved from all responsibilities for any use for any purpose, and (2)
 * this copyright notice must
 * be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
 */
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
// Copyright (c) 2006-2008 Alexander Chemeris
//
```

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//
///////////////////////////////////////////////////////////////////
```

-----  
Codegen template

in t\_html\_generator.h

\* Bootstrap v2.0.3

\*

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\*

\* Designed and built with all the love in the world @twitter by @mdo and @fat.

-----  
For t\_cl\_generator.cc

\* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>

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-----

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# 1.522 otel-internal-metric 0.27.0

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```
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(By Douglas Crockford <douglas@crockford.com>)
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```
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//
//////////////////////////////////////////////////////////////////
```

-----  
Codegen template

in t\_html\_generator.h

\* Bootstrap v2.0.3

\*

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## 1.523 otel-exporters-otlp-internal-retry 1.4.1

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```
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

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 */
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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```

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* Designed and built with all the love in the world @twitter by @mdo and @fat.
```

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For t\_cl\_generator.cc

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Adam Kennedy <adam@ali.as>
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Adam Spiers
```

Adrian M. Enache <enache@rdslink.ro>  
Adriano Ferreira <a.r.ferreira@gmail.com>  
Akim Demaille <akim@epita.fr>  
Alain Barbet <alian@cpan.org>  
Alan Burlison <Alan.Burlison@uk.sun.com>  
Alan Champion <achampio@lehman.com>  
Alan Ferrency <alan@pair.com>  
Alan Grover <awgrover@gmail.com>  
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Chin-A-Young <china@thewrittenword.com>  
Albert Dvornik <bert@alum.mit.edu>  
Alberto Simões <ambs@cpan.org>  
Alessandro Forghieri <alf@orion.it>  
Alex Davies <adavies@ptc.com>  
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Alexandr Savca <alexandr.savca89@gmail.com>  
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Anders Johnson <ajohnson@nvidia.com>

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Andreas Karrer <karrer@ife.ee.ethz.ch>  
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Art Green <Art\_Green@mercmarine.com>  
Art Haas <ahaas@airmail.net>  
Arthur Axel 'FREW' Schmidt <frioux@gmail.com>  
Artiom Morozov <artiom@phreaker.net>  
Artur Bergman <artur@contiller.se>  
Arvan <apritchard@zeus.com>  
Ash

Berlin <ash@cpan.org>  
Ask Bjørn Hansen <ask@develooper.com>  
Audrey Tang <cpan@audreyt.org>  
Augustina Blair <auggy@cpan.org>  
Axel Boldt  
Barrie Slaymaker <barries@slaysys.com>  
Barry Friedman  
Bart Kedryna <bkedryna@home.com>  
Bas van Sisseren <bas@quarantainenet.nl>  
Beau Cox  
Ben Carter <bcarter@gumdrop.flyinganvil.org>  
Ben Hengst <notbenh@cpan.org>  
Ben Morrow <ben@morrow.me.uk>  
Ben Okopnik <ben@linuxgazette.net>  
Ben Tilly <ben\_tilly@operamail.com>  
Benjamin Goldberg <goldbb2@earthlink.net>  
Benjamin Holzman <bah@ecnvantage.com>  
Benjamin Low <b.d.low@unsw.edu.au>  
Benjamin Smith <bsmith@cabbage.org.uk>  
Benjamin Stuhl <sho\_pi@hotmail.com>  
Benjamin Sugars <bsugars@canoe.ca>  
Bernard Quatermass <bernard@quatermass.co.uk>  
Bill Campbell <bill@celestial.com>  
Bill Glicker <billg@burrelles.com>  
Billy Constantine <wdconsta@cs.adelaide.edu.au>  
Blair Zajac <blair@orcaware.com>  
Bo Borgerson <gigabo@gmail.com>  
Bo Johansson <bo.johansso@lsn.se>  
Bo  
Lindbergh <blgl@stacken.kth.se>  
Bob Dalgleish <Robert.Dalgleish@sk.sympatico.ca>  
Bob Ernst <boernst@cpan.org>  
Bob Wilkinson <bob@fourtheeye.org>  
Boris Ratner <ratner2@gmail.com>  
Boris Zentner <bzm@2bz.de>  
Boyd Gerber <gerberb@zenez.com>  
Brad Appleton <bradapp@enteract.com>  
Brad Gilbert <b2gills@gmail.com>  
Brad Howerter <bhower@wgc.woodward.com>  
Brad Hughes <brad@tgsmc.com>  
Brad Lanam <bl@gentoo.com>  
Bradley Dean <bjdean@bjdean.id.au>  
Bram <perl-rt@wizbit.be>  
Brandon Black <blblack@gmail.com>  
Brendan Byrd <BBYRD@CPAN.org>  
Brendan O'Dea <bod@debian.org>  
Breno G. de Oliveira <garu@cpan.org>  
Brent B. Powers <powers@ml.com>

Brent Dax <brentdax@cpan.org>  
Brian Callaghan <callagh@itginc.com>  
Brian Carlson <brian.carlson@cpanel.net>  
Brian Childs <brian@rentec.com>  
Brian Clarke <clarke@appliedmeta.com>  
brian d foy <brian.d.foy@gmail.com>  
Brian Fraser <fraserbn@gmail.com>  
Brian Gottreu <gottreu@gmail.com>  
Brian Greenfield <briang@cpan.org>  
Brian  
Grossman  
Brian Harrison <brie@corp.home.net>  
Brian Jepson <bjepson@oreilly.com>  
Brian Katzung  
Brian McCauley <nobull@mail.com>  
Brian Phillips <bphillips@cpan.org>  
Brian Reichert <reichert@internet.com>  
Brian S. Cashman <bsc@umich.edu>  
Brian Strand <bstrand@switchmanagement.com>  
Brooks D Boyd  
Bruce Barnett <barnett@grymoire.crd.ge.com>  
Bruce J. Keeler <bkeelerx@iwa.dp.intel.com>  
Bruce P. Schuck <bruce@aps.org>  
Bud Huff <BAHUFF@us.oracle.com>  
Byron Brummer <byron@omix.com>  
C Aditya <caditya@novell.com>  
Calle Dybedahl <calle@lysator.liu.se>  
Campo Weijerman <rfc822@nl.ibm.com>  
Carl Eklof <CEklof@endeca.com>  
Carl Hayter <hayter@usc.edu>  
Carl M. Fongheiser <cmf@ins.infonet.net>  
Carl Witty <cwitty@newtonlabs.com>  
Cary D. Renzema <caryr@mxim.com>  
Casey R. Tweten <crt@kiski.net>  
Casey West <casey@geeknest.com>  
Castor Fu  
Chad Granum <chad.granum@dreamhost.com>  
Chaim Frenkel <chaimf@pobox.com>  
Charles Bailey <bailey@newman.upenn.edu>  
Charles  
F. Randall <crandall@free.click-n-call.com>  
Charles Lane <lane@DUPHY4.Physics.Drexel.Edu>  
Charles Randall <cfriv@yahoo.com>  
Charles Wilson <cwilson@ece.gatech.edu>  
Charlie Gonzalez <itcharlie@gmail.com>  
Chas. Owens <chas.owens@gmail.com>  
Chase Whitener <cwhitener@gmail.com>  
Chaskiel M Grundman

Chia-liang Kao <clkao@clkao.org>  
Chip Salzenberg <chip@pobox.com>  
Chip Turner <cturner@redhat.com>  
chocolateboy <chocolateboy@chocolatey.com>  
Chris Ball <chris@cpan.org>  
Chris 'BinGOs' Williams <chris@bingosnet.co.uk>  
Chris Bongaarts <cab@tc.umn.edu>  
Chris Dolan <chris@chrisdolan.net>  
Chris Faylor <cgf@bbc.com>  
Chris Heath <chris@heathens.co.nz>  
Chris Lamb <lamby@debian.org>  
Chris Lightfoot <chris@ex-parrot.com>  
Chris Nandor <pudge@pobox.com>  
Chris Pepper  
Chris R. Donnelly <chris.donnelly@vauto.com>  
Chris Travers <chris.travers@gmail.com>  
Chris Tubutis <chris@broadband.att.com>  
Chris Wick <cwick@lmc.com>  
Chris Williams <chrisw@netinfo.com.au>  
Christian  
Burger <burger@terra.mpikg-teltow.mpg.de>  
Christian Hansen <chansen@cpan.org>  
Christian Kirsch <ck@held.mind.de>  
Christian Millour <cm.perl@abtela.com>  
Christian Winter <bitpoet@linux-config.de>  
Christoph Lamprecht <ch.l.ngre@online.de>  
Christophe Grosjean <christophe.grosjean@gmail.com>  
Christopher Chavez <chrischavez@gmx.us>  
Christopher Chan-Nui <channui@austin.ibm.com>  
Christopher Davis <ckd@loiosh.kei.com>  
Christopher J. Madsen <perl@cjmweb.net>  
chromatic <chromatic@wgz.org>  
Chuck Phillips <perl@cadop.com>  
Chun Bing Ge <gecb@cn.ibm.com>  
Chunhui Teng <cteng@nortel.ca>  
Claes Jacobsson <claes@surfnet.nu>  
Clark Cooper <coopercc@netheaven.com>  
Claudio Ramirez <nxadm@cpan.org>  
Clinton A. Pierce <clintp@geeksalad.org>  
Colin Kuskie <ckuskie@cadence.com>  
Colin McMillen <mcmi0073@tc.umn.edu>  
Colin Meyer <cmeyer@helvella.org>  
Colin Newell <colin.newell@gmail.com>  
Colin Watson <colinw@zeus.com>  
Conrad Augustin  
Conrad E. Kimball <cek@tblv021.ca.boeing.com>  
Craig

A. Berry <craigberry@mac.com>  
Craig DeForest <zowie@euterpe.boulder.swri.edu>  
Craig Milo Rogers <Rogers@ISI.EDU>  
Curtis Jewell <perl@csjewell.fastmail.us>  
Curtis Poe <cp@onsitotech.com>  
Dabrien 'Dabe' Murphy <dabe@dabe.com>  
Dagfinn Ilmari Mannsåker <ilmari@ilmari.org>  
Dale Amon <amon@vnl.com>  
Damian Conway <damian@conway.org>  
Damon Atkins <Damon.Atkins@nabaus.com.au>  
Dan Book <grinnz@grinnz.com>  
Dan Boorstein <dan\_boo@bellsouth.net>  
Dan Brook <dbrook@easyspace.com>  
Dan Collins <dcollinsn@gmail.com>  
Dan Dascalescu <bigbang7@gmail.com>  
Dan Dedrick <ddedrick@lexmark.com>  
Dan Hale <danhale@us.ibm.com>  
Dan Jacobson <jidanni@jidanni.org>  
Dan Kogai <dankogai@dan.co.jp>  
Dan Schmidt <dfan@harmonixmusic.com>  
Dan Sugalski <dan@sidhe.org>  
Daniel Berger <djberg86@attbi.com>  
Daniel Chetlin <daniel@chetlin.com>  
Daniel Dragan <bulk88@hotmail.com>  
Daniel Frederick Crisman <daniel@crisman.org>  
Daniel Grisinger <dgris@dimensional.com>  
Daniel  
Kahn Gillmor <dkg@fifthhorseman.net>  
Daniel Lieberman <daniel@bitpusher.com>  
Daniel Muiño <dmuino@afip.gov.ar>  
Daniel P. Berrange <dan@berrange.com>  
Daniel Perrett <perrettdl@googlemail.com>  
Daniel S. Lewart <lewart@uiuc.edu>  
Daniel Yacob <perl@gzez.org>  
Danny R. Faught <faught@mailhost.rsn.hp.com>  
Danny Sadinoff <danny-cpan@sadinoff.com>  
Darin McBride <dmcbride@cpan.org>  
Darrell Kindred <dkindred+@cmu.edu>  
Darrell Schiebel <drs@nrao.edu>  
Darren/Torin/Who Ever... <torin@daft.com>  
Dave Bianchi  
Dave Cross <dave@mag-sol.com>  
Dave Hartnoll <Dave\_Hartnoll@3b2.com>  
Dave Liney <dave.liney@gbr.conoco.com>  
Dave Nelson <David.Nelson@bellcow.com>  
Dave Paris  
Dave Rolsky <autarch@urth.org>  
Dave Schweisguth <dcs@neutron.chem.yale.edu>



Dave Shariff Yadallee <doctor@doctor.nl2k.ab.ca>  
David Billinghamurst <David.Billinghurst@riotinto.com.au>  
David Caldwell <david@porkrind.org>  
David Campbell  
David Cannings <lists@edeca.net>  
David Cantrell <david@cantrell.org.uk>  
David  
Couture  
David D. Kilzer <ddkilzer@lubricants-oil.com>  
David Denholm <denholm@conmat.phys.soton.ac.uk>  
David Dyck <david.dyck@fluke.com>  
David F. Haertig <dfh@dwroll.lucent.com>  
David Favor <david@davidfavor.com>  
David Feldman <david.feldman@tudor.com>  
David Fifield <david@bamssoftware.com>  
David Filo  
David Formosa <dformosa@dformosa.zeta.org.au>  
David Gay <dgay@acm.org>  
David Glasser <me@davidglasser.net>  
David Golden <dagolden@cpan.org>  
David H. Adler <dha@panix.com>  
David H. Gutteridge <dhgutteridge@sympatico.ca>  
David Hammen <hammen@gothamcity.jsc.nasa.gov>  
David J. Fiander <davidjf@mks.com>  
David Kerry <davidk@tor.securecomputing.com>  
David Landgren <david@landgren.net>  
David Leadbeater <dgl@dgl.cx>  
David M. Syzdek <david@syzdek.net>  
David Manura <dm.list@math2.org>  
David McLean <davem@icc.gsfc.nasa.gov>  
David Mitchell <davem@iabyn.nospamdeletethisbit.com>  
David Muir Sharnoff <muir@idiom.com>  
David Nicol <whatever@davidnicol.com>  
David  
R. Favor <dfavor@austin.ibm.com>  
David Sparks <daves@ca.sophos.com>  
David Starks-Browning <dstarks@rc.tudelft.nl>  
David Steinbrunner <dsteinbrunner@pobox.com>  
David Sundstrom <sunds@asictest.sc.ti.com>  
David Wheeler <david@justatheory.com>  
Davin Milun <milun@cs.Buffalo.EDU>  
Dean Roehrich <roehrich@cray.com>  
Dee Newcum <perl.org@paperlined.org>  
deekoo <deekoo@tentacle.net>  
Dennis Kaarsemaker <dennis@booking.com>  
Dennis Marsa <dennism@cyrix.com>  
Devin Heitmueller <devin.heitmueller@gmail.com>  
DH <crazyinsomniac@yahoo.com>

Diab Jerius <dj@head-cfa.harvard.edu>  
dLux <dflux@spam.sch.bme.hu>  
Dmitri Tikhonov <dmitri@cpan.org>  
Dmitry Karasik <dk@tetsuo.karasik.eu.org>  
Dmitry Ulanov <zprogd@gmail.com>  
Dominic Dunlop <domo@computer.org>  
Dominic Hargreaves <dom@earth.li>  
Dominique Dumont <Dominique\_Dumont@grenoble.hp.com>  
Dominique Quatravaux  
Doug Bell <madcityzen@gmail.com>  
Doug Campbell <soup@ampersand.com>  
Doug MacEachern <dougm@covalent.net>  
Douglas  
Christopher Wilson <doug@somethingdoug.com>  
Douglas E. Wegscheid <dwegscheid@qtm.net>  
Douglas Lankshear <doug@lankshear.net>  
Douglas Wilson <dougw@cpan.org>  
Dov Grobgeld <dov@Orbotech.Co.IL>  
Dr.Ruud <rvtol+news@isolution.nl>  
Drago Goricanec <drago@raptor.otsd.ts.fujitsu.co.jp>  
Drew Stephens <drewgstevens@gmail.com>  
Duke Leto <jonathan@leto.net>  
Duncan Findlay <duncef@debian.org>  
E. Choroba <choroba@cpan.org>  
Ed Avis <eda@waniaset.com>  
Ed J <etj@cpan.org>  
Ed Mooring <mooring@Lynx.COM>  
Ed Santiago <esm@pobox.com>  
Eddy Tan <eddy.net@gmail.com>  
Edgar Bering <trizor@gmail.com>  
Edmund Bacon  
Edward Avis <ed@membled.com>  
Edward Moy <emoy@apple.com>  
Edward Peschko <edwardp@excitehome.net>  
Elaine -HFB- Ashton <elaine@chaos.wustl.edu>  
Elizabeth Mattijsen <liz@dijkmat.nl>  
Enrico Sorcinelli <bepi@perl.it>  
Eric Amick  
Eric Arnold <eric.arnold@sun.com>  
Eric Bartley <bartley@icd.cc.purdue.edu>  
Eric Brine <ikegami@adaelis.com>  
Eric E. Coe <Eric.Coe@oracle.com>  
Eric  
Fifer <egf7@columbia.edu>  
Eric Herman <eric@freesa.org>  
Eric Melville  
Eric Promislow <ericp@ActiveState.com>  
Erich Rickheit

Eryq <eryq@zeegee.com>  
Etienne Grossman <etienne@isr.isr.ist.utl.pt>  
Eugen Konkov <kes-kes@yandex.ru>  
Eugene Alterman <Eugene.Alterman@bremer-inc.com>  
Evan Miller <eam@frap.net>  
Evan Zacks <zackse@cpan.org>  
Fabien Tassin <tassin@eerie.fr>  
Father Chrysostomos <sprout@cpan.org>  
Felipe Gasper <felipe@felipegasper.com>  
Felix Gallo <fgallo@etoys.com>  
Fergal Daly <fergal@esatclear.ie>  
Fingle Nark <finglenark@gmail.com>  
Florent Guillaume  
Florian Ragwitz <rafl@debian.org>  
François Désarménien <desar@club-internet.fr>  
François Perrad <francois.perrad@gadz.org>  
Frank Crawford  
Frank Ridderbusch <Frank.Ridderbusch@pdb.siemens.de>  
Frank Tobin <ftobin@uiuc.edu>  
Frank Wiegand <frank.wiegand@gmail.com>  
Franklin Chen <chen@adi.com>  
Franz Fasching <perldev@drfasching.com>  
Frederic Briere <fbriere@fbriere.net>  
Frédéric  
Chauveau <fmc@pasteur.fr>  
Fyodor Krasnov <fyodor@aha.ru>  
G. Del Merritt <del@intranetics.com>  
Gabe Schaffer  
Gabor Szabo <szabgab@gmail.com>  
Garry T. Williams <garry@zvolve.com>  
Gary Clark <GaryC@mail.jeld-wen.com>  
Gary L. Armstrong  
Gary Ng <71564.1743@compuserve.com>  
Gavin Shelley <columbusmonkey@me.com>  
Gene Sullivan <genesullivan50@yahoo.com>  
Geoffrey F. Green <geoff-public@stuebegreen.com>  
Geoffrey T. Dairiki <dairiki@dairiki.org>  
Georg Schwarz <geos@epost.de>  
George Greer <perl@greerga.m-l.org>  
George Hartzell <georgewh@gene.com>  
George Nacula <nacula@eecs.berkeley.edu>  
Geraint A Edwards <gedge@serf.org>  
Gerard Goossen <gerard@ggoossen.net>  
Gerben Wierda <G.C.Th.Wierda@AWT.nl>  
Gerd Knops <gerti@BITart.com>  
Gerrit P. Haase <gp@familiehaase.de>  
Gideon Israel Dsouza <gideon@cpan.org>  
Giles Lean <giles@nemeton.com.au>

Gisle Aas <gisle@aes.no>  
Glenn D. Golden <gdg@zplane.com>  
Glenn Linderman <perl@nevcsl.com>  
Gordon J. Miller <gjm@cray.com>  
Gordon  
Lack <gml4410@ggr.co.uk>  
Goro Fuji <gfuji@cpan.org>  
Grace Lee <grace@hal.com>  
Graham Barr <gbarr@pobox.com>  
Graham Knop <haarg@haarg.org>  
Graham TerMarsch <graham@howlingfrog.com>  
Grant McLean <grantm@cpan.org>  
Greg Bacon <gbacon@itsc.uah.edu>  
Greg Chapman <glc@well.com>  
Greg Earle  
Greg Kuperberg  
Greg Matheson <lang@ms.chinmin.edu.tw>  
Greg Seibert <seibert@Lynx.COM>  
Greg Ward <gward@ase.com>  
Gregor Chrupala <gregor.chrupala@star-group.net>  
gregor herrmann <gregoa@debian.org>  
Gregory Martin Pfeil <pfeilgm@technomadic.org>  
Gunter Schmidt <gsc@bruker.de>  
Guido Flohr <guido@imperia.net>  
Guruprasad S <SGURUPRASAD@novell.com>  
Gurusamy Sarathy <gsar@cpan.org>  
Gustaf Neumann  
Guy Decoux <decoux@moulon.inra.fr>  
Gwyn Judd <b.judd@xtra.co.nz>  
H.J. Lu <hjl@nynexst.com>  
H.Merijn Brand <h.m.brand@xs4all.nl>  
Hal Morris <hom00@utsglobal.com>  
Hal Pomeranz <pomeranz@netcom.com>  
Hallvard B Furuseth <h.b.furuseth@usit.uio.no>  
Hannu Napari <Hannu.Napari@hut.fi>  
Hans  
de Graaff <J.J.deGraaff@twi.tudelft.nl>  
Hans Dieter Pearcey <hdp@pobox.com>  
Hans Gintel <hans@kolej.mff.cuni.cz>  
Hans Mulder <hansmu@xs4all.nl>  
Hans Ranke <Hans.Ranke@ei.tum.de>  
Harald J6rg <Harald.Joerg@arcor.de>  
Harmen <harm@dds.nl>  
Harmon S. Nine <hnine@netarx.com>  
Harri Pasanen <harri.pasanen@trema.com>  
Harry Edmon <harry@atmos.washington.edu>  
Hauke D <haukex@zero-g.net>  
Heiko Eissfeldt <heiko.eissfeldt@hexco.de>

Helmut Jarausch <jarausch@numa1.igpm.rwth-aachen.de>  
Henrik Tougaard <ht.000@foa.dk>  
Herbert Breunung <lichtkind@cpan.org>  
Hernan Perez Masci <hmasci@uolsinectis.com.ar>  
Hershel Walters <walters@smd4d.wes.army.mil>  
Hio <hio@hio.jp>  
Hiroo Hayashi <hiroo.hayashi@computer.org>  
Hojung Youn <amoc.yn@gmail.com>  
Holger Bechtold  
Hongwen Qiu <qiu hongwen@gmail.com>  
Horst von Brand <vonbrand@sleipnir.valparaiso.cl>  
Hrunting Jonhson  
Hubert Feyrer <hubert.feyrer@informatik.fh-regensburg.de>  
Hugo van der Sanden <hv@crypt.org>  
Hunter  
Kelly <retnuh@zule.pixar.com>  
Huw Rogers <count0@gremlin.straylight.co.jp>  
Iain Truskett  
Ian Goodacre <ian.goodacre@xtra.co.nz>  
Ian Maloney <ian.malonet@ubs.com>  
Ian Phillipps <Ian.Phillipps@iname.com>  
Ignasi Roca Carrió <ignasi.roca@fujitsu-siemens.com>  
Igor Sutton <izut@cpan.org>  
Igor Zaytsev <igor.zaytsev@gmail.com>  
Ilmari Karonen <iltzu@sci.fi>  
Ilya Martynov <ilya@martynov.org>  
Ilya N. Golubev <gin@mo.msk.ru>  
Ilya Sandler <Ilya.Sandler@etak.com>  
Ilya Zakharevich <ilya@math.berkeley.edu>  
Inaba Hiroto <inaba@st.rim.or.jp>  
Indy Singh <indy@nusphere.com>  
Ingo Weinhold <ingo\_weinhold@gmx.de>  
Ingy döt Net <ingy@ttul.org>  
insecure <insecure@mail.od.ua>  
Irving Reid <irving@tor.securecomputing.com>  
Ivan Kurmanov <kurmanov@openlib.org>  
Ivan Pozdeev <vano@mail.mipt.ru>  
Ivan Tubert-Brohman <itub@cpan.org>  
J. David Blackstone <jdb@dfwnet.sbms.sbc.com>  
J. Nick Koston <nick@cpanel.net>  
J. van Krieken <John.van.Krieken@ATComputing.nl>  
Jacinta  
Richardson <jarich@perltraining.com.au>  
Jack Shirazi <JackS@GemStone.com>  
Jacques Germishuys <jacquesg@striata.com>  
Jacqui Caren <Jacqui.Caren@ig.co.uk>  
Jake Hamby <jehamby@lightside.com>  
Jakub Wilk <jwilk@jwilk.net>

James <james@rf.net>  
James A. Duncan <jduncan@fotango.com>  
James Clarke <jrtc27@jrtc27.com>  
James E Keenan <jkeen@cpa.org>  
James FitzGibbon <james@ican.net>  
James Jurach <muaddib@erf.net>  
James Mastros <james@mastros.biz>  
James McCoy <vega.james@gmail.com>  
James Raspass <jraspass@gmail.com>  
Jamshid Afshar  
Jan D. <jan.djarv@mbox200.swipnet.se>  
Jan Dubois <jan@jandubois.com>  
Jan Pazdziora <adelton@fi.muni.cz>  
Jan Starzynski <jan@planet.de>  
Jan-Erik Karlsson <trg@privat.utfors.se>  
Jan-Pieter Cornet <johnpc@xs4all.nl>  
Jared Rhine <jared@organic.com>  
Jari Aalto <jari.aalto@poboxes.com>  
Jarkko Hietaniemi <jhi@iki.fi>  
Jasmine Ahuja <jasmine.ahuja11@gmail.com>  
Jasmine Ngan <jasmine.ngan@outlook.com>  
Jason A. Smith <smithj4@rpi.edu>  
Jason  
E. Stewart <jason@openinformatics.com>  
Jason Shirk  
Jason Stewart <jasons@cs.unm.edu>  
Jason Varsoke <jjv@caesun10.msd.ray.com>  
Jay Hannah <jhannah@mutationgrid.com>  
Jay Rogers <jay@rgrs.com>  
JD Laub <jdl@access-health.com>  
Jeff Bouis  
Jeff McDougal <jmcdo@cris.com>  
Jeff Okamoto <okamoto@corp.hp.com>  
Jeff Pinyan <japhy@pobox.com>  
Jeff Siegal <jbs@eddie.mit.edu>  
Jeff Urlwin <jurlwin@access.digex.net>  
Jeffrey Friedl <jfriedl@regex.info>  
Jeffrey S. Haemer <jsh@woodcock.boulder.qms.com>  
Jens Hamisch <jens@Strawberry.COM>  
Jens Stavnstrup <js@ddre.dk>  
Jens T. Berger Thielemann <jensthi@ifi.uio.no>  
Jens Thomsen <jens@fiend.cis.com>  
Jens-Uwe Mager <jum@helios.de>  
Jeremy D. Zawodny <jeremy@zawodny.com>  
Jeremy H. Brown <jhbrown@ai.mit.edu>  
Jeremy Madea <jmadea@inktomi.com>  
Jerome Abela <abela@hsc.fr>  
Jerrad Pierce <belg4mit@MIT.EDU>

Jerry D. Hedden <jdhedden@cpan.org>  
Jess Robinson <castaway@desert-island.me.uk>  
Jesse Glick <jesse@sig.bsh.com>  
Jesse  
Luehrs <doy@tozt.net>  
Jesse Vincent <jesse@fsck.com>  
Jesús Quiroga <jquiroga@pobox.com>  
Jilles Tjoelker <jilles@stack.nl>  
Jim Anderson <jander@ml.com>  
Jim Avera <avera@hal.com>  
Jim Balter  
Jim Cromie <jcromie@cpan.org>  
Jim Meyering <meyering@asic.sc.ti.com>  
Jim Miner <jfm@winternet.com>  
Jim Richardson  
Jim Schneider <james.schneider@db.com>  
Jirka Hruška <jirka@fud.cz>  
Joachim Huober  
Joaquin Ferrero <explorer@joaquinferrero.com>  
Jochen Wiedmann <joe@ispsoft.de>  
Jody Belka <dev-perl@pimb.org>  
Joe Buehler <jbuehler@hekimian.com>  
Joe McMahon <mcmahon@ibiblio.org>  
Joe Orton <jorton@redhat.com>  
Joe Schaefer <joe+perl@sunstarsys.com>  
Joe Smith <jsmith@inwap.com>  
Joel Berger <joel.a.berger@gmail.com>  
Joel Rosi-Schwartz <j.schwartz@agonet.it>  
Joerg Porath <Joerg.Porath@informatik.tu-chemnitz.de>  
Joergen Haegg  
Johan Holtman  
Johan Vromans <jvromans@squirrel.nl>  
Johann Klasek <jk@auto.tuwien.ac.at>  
Johann 'Myrkraverk' Oskarsson <johann@myrkraverk.com>  
Johannes  
Plunien <plu@pqpq.de>  
John Bley <jbb6@acpub.duke.edu>  
John Borwick <jhborwic@unity.ncsu.edu>  
John Cerney <j-cerney1@ti.com>  
John D Groenvelde <groenvel@cse.psu.edu>  
John E. Malmberg <wb8tyw@qsl.net>  
John Gardiner Myers <jgmyers@proofpoint.com>  
John Goodyear <johngood@us.ibm.com>  
John Hasstedt <John.Hasstedt@sunysb.edu>  
John Hawkinson <jhawk@mit.edu>  
John Heidemann <johnh@isi.edu>  
John Holdsworth <coldwave@bigfoot.com>  
John Hughes <john@AtlanTech.COM>

John Kristian <jmk2001@engineer.com>  
John L. Allen <allen@grumman.com>  
John Lightsey <jd@cpanel.net>  
John Macdonald <jmm@revenge.elegant.com>  
John Malmberg <wb8tyw@gmail.com>  
John Nolan <jpnolan@Op.Net>  
John P. Linderman <jpl.jpl@gmail.com>  
John Peacock <jpeacock@messagesystems.com>  
John Pfuntner <pfuntner@vnet.ibm.com>  
John Poltorak <jp@eyup.org>  
John Q. Linux <jql@accessone.com>  
John Redford <jmr@whirlwind.fmr.com>  
John Rowe  
John Salinas <jsalinas@cray.com>  
John SJ Anderson <genehack@genehack.org>  
John  
Stoffel <jfs@fluent.com>  
John Stumbles <jstumbles@bluearc.com>  
John Tobey <jtobey@john-edwin-tobey.org>  
John Wright <john@johnwright.org>  
Johnny Lam <jlam@jgrind.org>  
Jon Eveland <jweveland@yahoo.com>  
Jon Gunnip <jongunnip@hotmail.com>  
Jon Orwant <orwant@oreilly.com>  
Jonathan Biggar <jon@sems.com>  
Jonathan D Johnston <jdjohnston2@juno.com>  
Jonathan Fine <jfine@borders.com>  
Jonathan Hudson <jonathan.hudson@jrudson.demon.co.uk>  
Jonathan I. Kamens <jik@kamens.brookline.ma.us>  
Jonathan Roy <roy@idle.com>  
Jonathan Stowe <jns@integration-house.com>  
Joost van Baal <J.E.vanBaal@uvt.nl>  
Jörg Walter <jwalt@cpan.org>  
Jos I. Boumans <kane@dwim.org>  
Jose Auguste-Etienne <Jose.auguste-etienne@cgss-guyane.fr>  
José Pedro Oliveira <jpo@di.uminho.pt>  
Joseph N. Hall <joseph@cscaper.com>  
Joseph S. Myers <jsm28@hermes.cam.ac.uk>  
Joshua ben Jore <jjore@cpan.org>  
Joshua Juran <jjuran@gmail.com>  
Joshua Pritikin <joshua@paloalto.com>  
Joshua  
Rodd <joshua@rodd.us>  
JT McDuffie <jt@kpc.com>  
Juan Gallego <Little.Boss@physics.mcgill.ca>  
Juerd Waalboer <#####@juerd.nl>  
Juha Laiho <juha.laiho@Elma.Net>  
Julian Yip <julian@imoney.com>



juna <ggl.20.jj...@spamgourmet.com>  
Jungshik Shin <jshin@mailaps.org>  
Justin Banks <justinb@cray.com>  
Ka-Ping Yee <kpyee@aw.sgi.com>  
kafka <kafka@madrognon.net>  
Kang-min Liu <gugod@gugod.org>  
Kaoru Maeda <maeda@src.rioh.co.jp>  
Karen Etheridge <ether@cpan.org>  
Karl Glazebrook <kgb@aaosz.aao.GOV.AU>  
Karl Heuer <kwzh@gnu.org>  
Karl Simon Berg <karl@it.kth.se>  
Karl Williamson <khw@cpan.org>  
Karsten Sperling <spiff@phreax.net>  
Karthik Rajagopalan <rajagopa@pauline.schrodinger.com>  
Kaveh Ghazi <ghazi@caip.rutgers.edu>  
KAWAI Takanori <GCD00051@nifty.ne.jp>  
Kay Röpke <kroepke@dolphin-services.de>  
Keedi Kim <keedi@cpan.org>  
Keith Neufeld <neufeld@fast.pvi.org>  
Keith Thompson <Keith.S.Thompson@gmail.com>  
Ken Brown <kbrown@cornell.edu>  
Ken Cotterill <kencotterill@netspace.net.au>  
Ken  
Estes <estes@ms.com>  
Ken Fox <kfox@ford.com>  
Ken Hirsch <kenhirsch@ftml.net>  
Ken MacLeod <ken@bitsko.slc.ut.us>  
Ken Neighbors  
Ken Shan <ken@digitas.harvard.edu>  
Ken Williams <ken@mathforum.org>  
Kenichi Ishigaki <ishigaki@cpan.org>  
Kenneth Albanowski <kjahds@kjahds.com>  
Kenneth Duda <kjd@cisco.com>  
Kent Fredric <kentfredric@gmail.com>  
Keong Lim <Keong.Lim@sr.com.au>  
Kevin Brintnall <kbrint@rufus.net>  
Kevin Chase <kevincha99@hotmail.com>  
kevin dawson <bowtie@cpan.org>  
Kevin Falcone <falcone@bestpractical.com>  
Kevin J. Woolley <kjw@pathillogical.com>  
Kevin O'Gorman <kevin.kosman@nrc.com>  
Kevin Ruscoe <Kevin.Ruscoe@ubsw.com>  
Kevin Ryde <user42@zip.com.au>  
Kevin White <klwhite@magnus.acs.ohio-state.edu>  
Kim Frutiger  
Kingpin <mthurn@copper.dulles.tasc.com>  
Kirrily Robert <skud@infotrope.net>  
Kiyotaka Sakai <ksakai@netwk.ntt-at.co.jp>

kmx <kmx@volny.cz>  
Kragen Sitaker <kragen@pobox.com>  
Krishna Sethuraman <krishna@sgi.com>  
Kriton  
Kyrimis <kyrimis@princeton.edu>  
Kurt D. Starsinic <kstar@wolfetech.com>  
Kyriakos Georgiou  
Lajos Veres <vlajos@gmail.com>  
Larry Parmelee <parmelee@CS.Cornell.EDU>  
Larry Schuler  
Larry Schwimmer <rosebud@cyclone.Stanford.EDU>  
Larry Shatzer <fugazi@zyx.net>  
Larry W. Virden <lvirden@cas.org>  
Larry Wall <larry@wall.org>  
Lars D <daxim@cpan.org>  
Lars Hecking <lhecking@nmrc.ucc.ie>  
Larwan Berke <apocal@cpan.org>  
Laszlo Molnar <laszlo.molnar@eth.ericsson.se>  
Laurent Dami <dami@cpan.org>  
Leif Huhn <leif@hale.dkstat.com>  
Len Johnson <lenjay@ibm.net>  
Leo Lapworth <leo@cuckoo.org>  
Leon Brocard <acme@astray.com>  
Leon Timmermans <fawaka@gmail.com>  
Les Peters <lpeters@aol.net>  
Lesley Binks <lesley.binks@gmail.com>  
Lincoln D. Stein <lstein@cshl.org>  
Lionel Cons <lionel.cons@cern.ch>  
Louis Strous <louis.strous@gmail.com>  
Lubomir Rintel <lkundrak@v3.sk>  
Luc St-Louis <luc.st-louis@ca.transport.bombardier.com>  
Luca Fini  
Lucas  
Holt <luke@foolishgames.com>  
Ludovic E. R. Tolhurst-Cleaver <camel@ltdcdev.com>  
Lukas Mai <l.mai@web.de>  
Luke Closs <lukec@cpan.org>  
Luke Ross <lukeross@gmail.com>  
Lupe Christoph <lupe@lupe-christoph.de>  
Luther Huffman <lutherh@stratcom.com>  
Maik Hentsche <maik@mm-double.de>  
Major Sébastien <sebastien.major@crdp.ac-caen.fr>  
Makoto MATSUSHITA <matusita@ics.es.osaka-u.ac.jp>  
Malcolm Beattie <mbeattie@sable.ox.ac.uk>  
Manuel Valente <mvalente@idealx.com>  
Marc Green <marcgreen@cpan.org>  
Marc Lehmann <pcg@goof.com>  
Marc Paquette <Marc.Paquette@Softimage.COM>

Marc Simpson <marc@0branch.com>  
Marc-Philip Werner <marc-philip.werner@sap.com>  
Marcel Grünauer <marcel@codewerk.com>  
Marco Fontani <MFONTANI@cpan.org>  
Marco Peereboom <marco@conformal.com>  
Marcus Holland-Moritz <mhx-perl@gmx.net>  
Marek Rouchal <marek.rouchal@infineon.com>  
Mark A Biggar <mab@wdl.loral.com>  
Mark A. Hershberger <mah@everybody.org>  
Mark A. Stratman <stratman@gmail.com>  
Mark  
Aufflick <mark@aufflick.com>  
Mark Bixby <mark@bixby.org>  
Mark Dickinson <dickins3@fas.harvard.edu>  
Mark Dootson <mdootson@cpan.org>  
Mark Fowler <mark@twoshortplanks.com>  
Mark Hanson  
Mark J. Reed <mreed@strange.turner.com>  
Mark Jason Dominus <mjd@plover.com>  
Mark K Trettin <mkt@lucent.com>  
Mark Kaehny <kaehny@execpc.com>  
Mark Kettenis <kettenis@wins.uva.nl>  
Mark Klein <mklein@dis.com>  
Mark Knutsen <knutsen@pilot.njin.net>  
Mark Kvale <kvale@phy.ucsf.edu>  
Mark Leighton Fisher <markleightonfisher@gmail.com>  
Mark Mielke <mark@mark.mielke.cc>  
Mark Murray <mark@grondar.za>  
Mark Overmeer <mark@overmeer.net>  
Mark P. Lutz <mark.p.lutz@boeing.com>  
Mark Pease <peasem@primenet.com>  
Mark Pizzolato <mark@infocomm.com>  
Mark R. Levinson <mrl@isc.upenn.edu>  
Mark Stosberg <mark@summersault.com>  
Marko Asplund <aspa@merlot.kronodoc.fi>  
Markus Jansen <Markus.Jansen@ericsson.com>  
Marnix van Ammers <marnix@gmail.com>  
Martien Verbruggen <mgjv@comdyn.com.au>  
Martijn  
Koster <mak@excitecorp.com>  
Martijn Lievaart <m@rtij.nl>  
Martin Hasch <mhasch@cpan.org>  
Martin Husemann <martin@duskware.de>  
Martin J. Bligh <mbligh@us.ibm.com>  
Martin Jost <Martin.Jost@icn.siemens.de>  
Martin Lichtin <lichtin@bivio.com>  
Martin McGrath <mcgrath.martin@gmail.com>  
Martin Plechsmid <plechsmi@karlin.mff.cuni.cz>

Martin Pool <mbp@samba.org>  
Martti Rahkila <martti.rahkila@hut.fi>  
Marty Lucich <marty@netcom.com>  
Marty Pauley <marty+p5p@kasei.com>  
Martyn Pearce <martyn@inpharmatica.co.uk>  
Marvin Humphrey <marvin@rectangular.com>  
Masahiro KAJIURA <masahiro.kajiura@toshiba.co.jp>  
Mashrab Kuvatov <kmashrab@uni-bremen.de>  
Matthias Bethke <matthias@towiski.de>  
Mathias Koerber <mathias@dnssec1.singnet.com.sg>  
Mathieu Arnold <m@absolight.fr>  
Mats Peterson <mats@sm6sxl.net>  
Matsumoto Yasuhiro <mattn.jp@gmail.com>  
Matt Johnson <matt.w.johnson@gmail.com>  
Matt Kimball  
Matt Kraai <kraai@ftbfs.org>  
Matt S Trout <mst@shadowcat.co.uk>  
Matt Sergeant <matt@sergeant.org>  
Matt  
Taggart <taggart@debian.org>  
Matthew Black <black@csulb.edu>  
Matthew Green <mrg@splode.eterna.com.au>  
Matthew Horsfall <wolfsage@gmail.com>  
Matthew Sachs <matthewg@zevils.com>  
Matthew T Harden <mthard@mthard1.monsanto.com>  
Matthias Ulrich Neeracher <neeracher@mac.com>  
Matthias Urlichs <smurf@noris.net>  
Matthijs van Duin <xmath@cpan.org>  
Mattia Barbon <mbarbon@dsi.unive.it>  
Maurizio Loreti <maurizio.loreti@pd.infn.it>  
Max Baker <max@warped.org>  
Max Maischein <corion@corion.net>  
Maxwell Carey <maxwellhaydn@gmail.com>  
Merijn Broeren <merijnb@iloquent.nl>  
Michael A Chase <mchase@ix.netcom.com>  
Michael Breen <perl@mbreen.com>  
Michael Bunk <bunk@iat.uni-leipzig.de>  
Michael Carman <mjcarman@home.com>  
Michael Cook <mcook@cognex.com>  
Michael Cummings <mcummings@gentoo.org>  
Michael De La Rue <mikedlr@tardis.ed.ac.uk>  
Michael Engel <engel@nms1.cc.huji.ac.il>  
Michael Fig <michael@liveblockauctions.com>  
Michael G Schwern <schwern@pobox.com>  
Michael  
H. Moran <mhm@austin.ibm.com>  
Michael King <mike808@users.sourceforge.net>  
Michael Lemke <lemkemch@t-online.de>

Michael Mahan <mahanm@nextwork.rose-hulman.edu>  
Michael Parker <michael.parker@st.com>  
Michael Schroeder <Michael.Schroeder@informatik.uni-erlangen.de>  
Michael Somos <somos@grail.cba.csuohio.edu>  
Michael Stevens <mstevens@etla.org>  
Michael van Elst <mlelstv@serpens.de>  
Michael Witten <mfwitten@gmail.com>  
Michele Sardo  
Mik Firestone <fireston@lexmark.com>  
Mike Doherty <mike@mikedoherty.ca>  
Mike Fletcher <fletch@phydeaux.org>  
Mike Giroux <rmgiroux@acm.org>  
Mike Guy <mjtg@cam.ac.uk>  
Mike Heins <mike@bill.iac.net>  
Mike Hopkirk <hops@sco.com>  
Mike Kelly <pioto@pioto.org>  
Mike Mestnik <MMestnik@rustconsulting.com>  
Mike Pomraning <mjp@pilcrow.madison.wi.us>  
Mike Rogers  
Mike Schilli <m@perlmeister.com>  
Mike Sheldrake <mike@sheldrake.net>  
Mike Stok <mike@stok.co.uk>  
Mike W Ellwood <mwe@rl.ac.uk>  
Mikhail Zabaluev <mhz@alt-linux.org>  
Milosz  
Tanski <mtanski@gridapp.com>  
Milton L. Hankins <mlh@swl.msd.ray.com>  
Misty De Meo <mistydemeo@github.com>  
Mohammed El-Afifi <mohammed\_elafifi@yahoo.com>  
Moritz Lenz <moritz@casella.verplant.org>  
Moshe Kaminsky <kaminsky@math.huji.ac.il>  
Mottaqui Karim <taqqi.karim@gmail.com>  
Mr. Nobody <mrnobo1024@yahoo.com>  
Murray Nesbitt <murray@nesbitt.ca>  
Nathan Glenn <garfieldnate@gmail.com>  
Nathan Kurz <nate@valleytel.net>  
Nathan Torkington <gnat@frie.com>  
Nathan Trapuzzano <nbtrap@nbtrap.com>  
Neale Ferguson <neale@VMA.TABNSW.COM.AU>  
Neil Bowers <neil@bowers.com>  
Neil Watkiss <neil.watkiss@sophos.com>  
Neil Williams <codehelp@debian.org>  
Nicholas Clark <nick@ccl4.org>  
Nicholas Oxhøj  
Nicholas Perez <nperez@cpan.org>  
Nick Cleaton <nick@cleaton.net>  
Nick Duffek  
Nick Gianniotis

Nick Ing-Simmons  
Nick Johnston <nickjohnstonsky@gmail.com>  
Nick Logan <ugexe@cpan.org>  
Nick Williams <Nick.Williams@morganstanley.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas  
R. <atomic@cpan.org>  
Niels Thykier <niels@thykier.net>  
Nigel Sandever <njsandever@hotmail.com>  
Niko Tyni <ntyni@debian.org>  
Nikola Knezevic <indy@tesla.rcub.bg.ac.yu>  
Nikola Milutinovic  
Nikolai Eipel <eipel@web.de>  
Noah <sitz@onastick.net>  
Nobuhiro Iwamatsu  
Noirin Shirley <colmsbook@nerdchic.net>  
Norbert Pueschel <pueschel@imsdd.meb.uni-bonn.de>  
Norio Suzuki <kipp@shonanblue.ne.jp>  
Norman Koch <kochnorman@rocketmail.com>  
Norton T. Allen <allen@huarp.harvard.edu>  
Nuno Carvalho <mestre.smash@gmail.com>  
Offer Kaye <offer.kaye@gmail.com>  
Olaf Flebbe <o.flebbe@science-computing.de>  
Olaf Titz <olaf@bigred.inka.de>  
Oleg Nesterov <oleg@redhat.com>  
Olivier Blin <blino@mandriva.com>  
Olivier Mengué <dolmen@cpan.org>  
Olivier Thauvin <olivier.thauvin@aerov.jussieu.fr>  
Olli Savia  
Ollivier Robert <roberto@keltia.freenix.fr>  
Osvaldo Villalon <ovillalon@dextratech.com>  
Owain G. Ainsworth <oga@nicotinebsd.org>  
Owen Taylor <owt1@cornell.edu>  
Pali <pali@cpan.org>  
Papp  
Zoltan <padre@elte.hu>  
parv <parv@pair.com>  
Pascal Rigaux <pixel@mandriva.com>  
Patrick Donelan <pat@patspam.com>  
Patrick Dugnonle <patrick.dugnonle@bnpparibas.com>  
Patrick Hayes <Patrick.Hayes.CAP\_SESA@renault.fr>  
Patrick O'Brien <pdo@cs.umd.edu>  
Patrik Hägglund <patrik.h.hagglund@ericsson.com>  
Pau Amma <pauamma@gundo.com>  
Paul A Sand <pas@unh.edu>  
Paul Boven <p.boven@sara.nl>  
Paul David Fardy <pdf@morgan.ucs.mun.ca>  
Paul Eggert <eggert@twinsun.com>

Paul Evans <leonerd@leonerd.org.uk>  
Paul Fenwick <pjf@perltraining.com.au>  
Paul Gaborit <paul.gaborit@enstimac.fr>  
Paul Green <Paul.Green@stratus.com>  
Paul Hoffman <phoffman@proper.com>  
Paul Holser <Paul.Holser.pholser@nortelnetworks.com>  
Paul Johnson <paul@pjcj.net>  
Paul Lindner <lindner@inuus.com>  
Paul Marquess <paul.marquess@btinternet.com>  
Paul Moore <Paul.Moore@uk.origin-it.com>  
Paul Rogers <Paul.Rogers@Central.Sun.COM>  
Paul Saab <ps@yahoo-inc.com>  
Paul Schinder <schinder@pobox.com>  
Paul  
Szabo <psz@maths.usyd.edu.au>  
Pavel Kakovský <kan@dcit.cz>  
Pavel Zakouril <Pavel.Zakouril@mff.cuni.cz>  
Pedro Felipe Horrillo Guerra <pancho@pancho.name>  
Per Einar Ellefsen <per.einar@skynet.be>  
Perlover <perlover@perlover.com>  
Pete Peterson <peterpson@genrad.com>  
Peter Avalos <peter@theshell.com>  
Peter BARABAS  
Peter Chines <pchines@nhgri.nih.gov>  
Peter Dintelmann <Peter.Dintelmann@Dresdner-Bank.com>  
Peter E. Yee <yee@trident.arc.nasa.gov>  
Peter Gessner <peter.gessner@post.rwth-aachen.de>  
Peter Gordon <peter@valor.com>  
Peter Haworth <pmh@edison.ioppublishing.com>  
Peter J. Farley III <pjfarley@banet.net>  
Peter J. Holzer <hjp@hjp.at>  
Peter Jaspers-Fayer  
Peter John Acklam <pjacklam@online.no>  
Peter Martini <PeterCMartini@GMail.com>  
Peter O'Gorman <peter@pogma.com>  
Peter Prymmer <PPrymmer@factset.com>  
Peter Rabbitson <ribasushi@cpan.org>  
Peter Scott <Peter@PSDT.com>  
Peter Valdemar Mørch <pm@capmon.dk>  
Peter van Heusden <pvh@junior.uwc.ac.za>  
Peter  
Wolfe <wolfe@teloseng.com>  
Petr Písa <ppisar@redhat.com>  
Petter Reinholdtsen <pere@hungry.com>  
Phil Lobbes <phil@perkpartners.com>  
Phil Monsen <philip.monsen@pobox.com>  
Phil Pearl (Lobbes) <plobbes@gmail.com>  
Philip Boulain <philip.boulain@smoothwall.net>

Philip Guenther <guenther@openbsd.org>  
Philip Hazel <ph10@cus.cam.ac.uk>  
Philip M. Gollucci <pgollucci@p6m7g8.com>  
Philip Newton <pne@cpan.org>  
Philippe Bruhat (Book) <book@cpan.org>  
Philippe M. Chiasson <gozer@ActiveState.com>  
Pierre Bogossian <bogossian@mail.com>  
Piers Cawley <pdcauley@bofh.org.uk>  
Pino Toscano <pino@debian.org>  
Piotr Fusik <pfusik@op.pl>  
Piotr Klaban <makler@oryl.man.torun.pl>  
Piotr Roszatycki <piotr.roszatycki@gmail.com>  
Pip Cet <pipcet@gmail.com>  
Pradeep Hodigere <phodigere@yahoo.com>  
Prymmer/Kahn <pvhp@best.com>  
Quentin Fennessy <quentin@arrakeen.amd.com>  
Radu Greab <radu@netsoft.ro>  
Rafael Garcia-Suarez <rgs@consttype.org>  
Rainer Keuchel <keuchel@allgeier.com>  
Rainer  
Orth <ro@TechFak.Uni-Bielefeld.DE>  
Rainer Tammer <tammer@tammer.net>  
Rajesh Mandalemula <rajesh.mandalemula@deshaw.com>  
Rajesh Vaidheeswarran <rv@gnu.org>  
Ralf S. Engelschall <rse@engelschall.com>  
Randal L. Schwartz <merlyn@stonehenge.com>  
Randall Gellens <randy@qualcomm.com>  
Randolf Werner <randolf.werner@sap.com>  
Randy J. Ray <rjray@redhat.com>  
Randy Stauner <rwstauner@cpan.org>  
Randy W. Sims  
Raphael Manfredi <Raphael.Manfredi@pobox.com>  
Raul Dias <raul@dias.com.br>  
Raymund Will <ray@caldera.de>  
Redvers Davies <red@criticalintegration.com>  
Reini Urban <rurban@cpan.org>  
Renee Baecker <module@renee-baecker.de>  
Reuben Thomas <rrt@sc3d.org>  
Rex Dieter <rdieter@math.unl.edu>  
Rhesa Rozendaal <perl@rhesa.com>  
Ricardo Signes <rjbs@cpan.org>  
Rich Morin <rdm@cfcl.com>  
Rich Rauenzahn <rrouenza@hp.com>  
Rich Salz <rsalz@bbn.com>  
Richard A. Wells <Rwells@uhs.harvard.edu>  
Richard Clamp <richardc@unixbeard.net>  
Richard Foley <richard.foley@rfi.net>  
Richard



Hatch <rhatch@austin.ibm.com>  
Richard Hitt <rbh00@utsglobal.com>  
Richard Kandarian <richard.kandarian@lanl.gov>  
Richard L. England <richard\_england@mentorg.com>  
Richard L. Maus, Jr. <rmaus@monmouth.com>  
Richard Leach <rich+perl@hyphen-dash-hyphen.info>  
Richard Levitte <levitte@openssl.org>  
Richard Möhn <richard.moehn@fu-berlin.de>  
Richard Ohnemus <richard\_ohnemus@dallas.csd.sterling.com>  
Richard Soderberg <p5-authors@crystalflame.net>  
Richard Yeh <rcyeh@cco.caltech.edu>  
Rick Delaney <rick@consumercontact.com>  
Rick Pluta  
Rick Smith <ricks@sd.znet.com>  
Rickard Westman  
Rob Brown <bbb@cpan.org>  
Rob Henderson <robh@cs.indiana.edu>  
Rob Hoelz <rob@hoelz.ro>  
Rob Napier <rnapier@employees.org>  
Robert May <robertmay@cpan.org>  
Robert Millan <rmh@debian.org>  
Robert Partington <rjp@riffraff.plig.net>  
Robert Sanders <Robert.Sanders@linux.org>  
Robert Sebastian Gerus <arachnist@gmail.com>  
Robert Spier <rspier@pobox.com>  
Roberto  
C. Sanchez <roberto@connexer.com>  
Robin Barker <RMBarker@cpan.org>  
Robin Houston <robin@cpan.org>  
Rocco Caputo <troc@netrus.net>  
Roderick Schertler <roderick@argon.org>  
Rodger Anderson <rodger@boi.hp.com>  
Rodolfo Carvalho <rhcarvalho@gmail.com>  
Ronald F. Guilmette <rfg@monkeys.com>  
Ronald J. Kimball <rjk@linguist.dartmouth.edu>  
Ronald Schmidt <RonaldWS@aol.com>  
Rostislav Skudnov <skrostislav@gmail.com>  
Ruben Schattevoy <schattev@imb-jena.de>  
Rudolph Todd Maceyko <rm55+@pitt.edu>  
Rujith S. de Silva <desilva@netbox.com>  
Ruslan Zakirov <ruz@bestpractical.com>  
Russ Allbery <rra@stanford.edu>  
Russel O'Connor <roconnor@world.std.com>  
Russell Fulton <russell@ccu1.auckland.ac.nz>  
Russell Mosemann <mose@ccsn.edu>  
Ryan Herbert <rherbert@sycamorehq.com>  
Ryan Voots <simcop2387@simcop2387.info>  
Salvador Fandiño <sfandino@yahoo.com>

Salvador Ortiz Garcia <sog@msg.com.mx>  
Sam Kimbrel <kimbrel@me.com>  
Sam Tregar <sam@tregar.com>  
Sam Vilain <sam@vilain.net>  
Samuel  
Thibault <sthibault@debian.org>  
Samuli Kärkkäinen <skarkkai@woods.iki.fi>  
Sawyer X <xsawyerx@cpan.org>  
Schuyler Erle <schuyler@oreilly.com>  
Scott A Crosby <scrosby@cs.rice.edu>  
Scott Bronson <bronson@rinspin.com>  
Scott Gifford <sgifford@tir.com>  
Scott Henry <scotth@sgi.com>  
Scott L. Miller <Scott.L.Miller@Compaq.com>  
Scott Lanning <lannings@who.int>  
Scott Wiersdorf <scott@perlcode.org>  
Sean Boudreau <seanb@qnx.com>  
Sean Dague <sean@dague.net>  
Sean Davis <dive@ender.com>  
Sean M. Burke <sburke@cpan.org>  
Sean Robinson <robinson\_s@sc.maricopa.edu>  
Sean Sheedy <seans@ncube.com>  
Sebastian Schmidt <yath@yath.de>  
Sebastian Steinlechner <steinlechner@gmx.net>  
Sebastian Wittmeier <Sebastian.Wittmeier@ginko.de>  
Sébastien Aperghis-Tramoni <saper@cpan.org>  
Sebastien Barre <Sebastien.Barre@utc.fr>  
Sergey Alekseev <varnie29a@mail.ru>  
Sergey Aleynikov <sergey.aleynikov@gmail.com>  
Sérgio Durigan Júnior <sergiodj@linux.vnet.ibm.com>  
Shawn <svicalifornia@gmail.com>  
Shawn  
M Moore <sartak@gmail.com>  
Sherm Pendley <sherm@dot-app.org>  
Shigeya Suzuki <shigeya@wide.ad.jp>  
Shimpei Yamashita <shimpei@socrates.patnet.caltech.edu>  
Shinya Hayakawa <hayakawa@livedoor.jp>  
Shirakata Kentaro <argrath@ub32.org>  
Shishir Gundavaram <shishir@ruby.ora.com>  
Shlomi Fish <shlomif@cpan.org>  
Shoichi Kaji <skaji@cpan.org>  
Simon Cozens <simon@netthink.co.uk>  
Simon Glover <scog@roe.ac.uk>  
Simon Leinen  
Simon Parsons <S.Parsons@ftel.co.uk>  
Simon Schubert <corecode@fs.ei.tum.de>  
Sinan Unur <sinan@unur.com>  
Sisyphus <sisyphus@cpan.org>

Slaven Rezic <slaven@rezic.de>  
Smylers <smylers@stripey.com>  
Solar Designer <solar@openwall.com>  
Spider Boardman <spider@orb.nashua.nh.us>  
Spiros Denaxas <s.denaxas@gmail.com>  
Sreeji K Das <sreeji\_k@yahoo.com>  
Stanislaw Pusep <stas@sysd.org>  
Stas Bekman <stas@stason.org>  
Stefan Seifert <nine@detonation.org>  
Steffen Müller <smueller@cpan.org>  
Steffen Schwigon <ss5@renormalist.net>  
Steffen  
Ullrich <coyote.frank@gmx.net>  
Stepan Kasal <skasal@redhat.com>  
Stéphane Payrard <stef@mongueurs.net>  
Stephanie Beals <bealzy@us.ibm.com>  
Stephen Bennett <sbp@exherbo.com>  
Stephen Clouse <stephenc@theiqgroup.com>  
Stephen McCamant <smcc@mit.edu>  
Stephen O. Lidie <lusol@turkey.cc.Lehigh.EDU>  
Stephen Oberholtzer <oliverklozoff@gmail.com>  
Stephen P. Potter <spp@ds.net>  
Stephen Zander <gibreel@pobox.com>  
Stevan Little <stevan@cpan.org>  
Steve A Fink <sfink@cs.berkeley.edu>  
Steve Grazzini <grazz@pobox.com>  
Steve Hay <steve.m.hay@googlemail.com>  
Steve Kelem <steve.kelem@xilinx.com>  
Steve McDougall <swmcd@world.std.com>  
Steve Nielsen <spn@enteract.com>  
Steve Pearlmutter  
Steve Peters <steve@fisharerojo.org>  
Steve Purkis <Steve.Purkis@multimap.com>  
Steve Vinoski  
Steven Hirsch <hirschs@btv.ibm.com>  
Steven Humphrey <catchperl@33k.co.uk>  
Steven Knight <knight@theopera.baldmt.citilink.com>  
Steven Morlock <newspost@morlock.net>  
Steven N. Hirsch <hirschs@stargate.btv.ibm.com>  
Steven  
Parkes <parkes@sierravista.com>  
Steven Schubiger <schubiger@cpan.org>  
Stian Seeberg <sseeberg@nimsoft.no>  
Sullivan Beck <sbeck@cpan.org>  
Sven Strickroth <sven.strickroth@tu-clausthal.de>  
Sven Verdoolaege <skimo@breughel.ufsia.ac.be>  
syber <syber@crazypanda.ru>  
SynaptiCAD, Inc. <sales@syncad.com>

Tadeusz Sonierz <tadeusz.sosnierz@onet.pl>  
Takis Psarogiannakopoulos <takis@xfree86.org>  
Taro KAWAGISHI  
Tassilo von Parseval <tassilo.parseval@post.rwth-aachen.de>  
Tatsuhiko Miyagawa <miyagawa@bulknews.net>  
Ted Ashton <ashted@southern.edu>  
Ted Law <tedlaw@cibcwg.com>  
Tels <nospam-abuse@bloodgate.com>  
Teun Burgers <burgers@ecn.nl>  
Thad Floryan <thad@thadlabs.com>  
Theo Buehler <theo@math.ethz.ch>  
Thomas Bowditch <bowditch@inmet.com>  
Thomas Conté <tom@fr.uu.net>  
Thomas Dorner <Thomas.Dorner@start.de>  
Thomas Kofler  
Thomas König  
Thomas Pfau <pfau@nbpfaus.net>  
Thomas Sibley <tsibley@cpan.org>  
Thomas Wegner <wegner\_thomas@yahoo.com>  
Thorsten  
Glaser <tg@mirbsd.org>  
Tim Adye <T.J.Ady@rl.ac.uk>  
Tim Ayers <tayers@bridge.com>  
Tim Bunce <Tim.Bunce@pobox.com>  
Tim Conrow <tim@spindrift.srl.caltech.edu>  
Tim Freeman <tfreeman@infoseek.com>  
Tim Jenness <tjenness@cpan.org>  
Tim Mooney <mooney@dogbert.cc.ndsu.NoDak.edu>  
Tim Sweetman <tim@aldigital.co.uk>  
Tim Witham <twitham@pcocd2.intel.com>  
Timothe Litt <litt@acm.org>  
Timur I. Bakeyev <bsdi@listserv.bat.ru>  
Tina Müller <cpan2@tinita.de>  
Tkil <tkil@reptile.scrye.com>  
Tobias Leich <email@frogs.de>  
Toby Inkster <mail@tobyinkster.co.uk>  
Todd C. Miller <Todd.Miller@courtesan.com>  
Todd Rinaldo <toddr@cpan.org>  
Todd T. Fries <todd@fries.int.mrleng.com>  
Todd Vierling <tv@duh.org>  
Tokuhiro Matsuno <tokuhirom@gmail.com>  
Tom Bates <tom\_bates@att.net>  
Tom Brown <thecap@peach.ece.utexas.edu>  
Tom Christiansen <tchrist@perl.com>  
Tom Dinger  
Tom Horsley <Tom.Horsley@mail.ccur.com>  
Tom Hughes <tom@compton.nu>  
Tom Hukins <tom@eborcom.com>

Tom  
Phoenix <rootbeer@teleport.com>  
Tom Spindler <dogcow@isi.net>  
Tom Wyant <wyant@cpan.org>  
Tomasz Konojacki <me@xenu.pl>  
Tomoyuki Sadahiro <BQW10602@nifty.com>  
Ton Hospel <cpan@ton.iguana.be>  
Tony Bowden <tony@kasei.com>  
Tony Camas  
Tony Cook <tony@develop-help.com>  
Tony Sanders <sanders@bsdi.com>  
Tor Lillqvist <tml@hemuli.tte.vtt.fi>  
Torsten Foertsch <torsten.foertsch@gmx.net>  
Torsten Schönfeld <kaffeetisch@gmx.de>  
Trevor Blackwell <tlb@viaweb.com>  
Tsutomu IKEGAMI <t-ikegami@aist.go.jp>  
Tuomas J. Lukka <tjl@lukka.student.harvard.edu>  
Tye McQueen <tye@metronet.com>  
Ulrich Habel <rhaen@NetBSD.org>  
Ulrich Kunitz <kunitz@mai-koeln.com>  
Ulrich Pfeifer <pfeifer@wait.de>  
Unicode Consortium <unicode.org>  
Vadim Konovalov <vkonovalov@lucent.com>  
Valeriy E. Ushakov <uwe@ptc.spbu.ru>  
Vernon Lyon <vlyon@cpan.org>  
Victor Adam <victor@drawall.cc>  
Victor Efimov <victor@vsespb.ru>  
Viktor Turskyi <koorchik@gmail.com>  
Ville Skyttä <scop@cs132170.pp.htv.fi>  
Vincent  
Pit <perl@profvince.com>  
Vishal Bhatia <vishal@deja.com>  
Vitali Peil <vitali.peil@uni-bielefeld.de>  
Vlad Harchev <hvv@hippo.ru>  
Vladimir Alexiev <vladimir@cs.ualberta.ca>  
Vladimir Marek <vlmarek@volny.cz>  
Vladimir Timofeev <vovkasm@gmail.com>  
Volker Schatz <perldoc@volkerschatz.com>  
W. Geoffrey Rommel <grommel@sears.com>  
W. Phillip Moore <wpm@ms.com>  
Wallace Reis <wreis@cpan.org>  
Walt Mankowski <waltman@pobox.com>  
Walter Briscoe <w.briscoe@ponl.com>  
Warren Hyde <whyde@pezz.sps.mot.com>  
Warren Jones <wjones@tc.fluke.com>  
Wayne Berke <berke@panix.com>  
Wayne Scott <wscott@ichips.intel.com>  
Wayne Thompson <Wayne.Thompson@Ebay.sun.com>

Wilfredo Sánchez <wsanchez@mit.edu>  
William J. Middleton <William.Middleton@oslo.mobil.telenor.no>  
William Mann <wmann@avici.com>  
William Middleton <wmiddlet@adobe.com>  
William R Ward <hermit@BayView.COM>  
William Setzer <William\_Setzer@ncsu.edu>  
William Williams <biwillia@cisco.com>  
William Yardley <perlbug@veggiechinese.net>  
Winfried  
König <win@in.rhein-main.de>  
Wolfgang Laun <Wolfgang.Laun@alcatel.at>  
Wolfram Humann <w.c.humann@arcor.de>  
Xavier Noria <fxn@hashref.com>  
YAMASHINA Hio <hio@ymir.co.jp>  
Yaroslav Kuzmin <ykuzmin@rocketsoftware.com>  
Yary Hluchan  
Yasushi Nakajima <sey@jkc.co.jp>  
Yitzchak Scott-Thoennes <sthoenna@efn.org>  
Yutaka OIWA <oiwa@is.s.u-tokyo.ac.jp>  
Yutaka OKAIE  
Yutao Feng  
Yuval Kogman <nothingmuch@woobling.org>  
Yves Orton <demerphq@gmail.com>  
Zachary Miller <zcmiller@simon.er.usgs.gov>  
Zachary Storer <zacts.3.14159@gmail.com>  
Zak B. Elep <zakame@zakame.net>  
Zbynek Vyskovsky <kvr@centrum.cz>  
Zefram <zefram@fysh.org>  
Zsbán Ambrus <ambrus@math.bme.hu>  
Ævar Arnfjörð Bjarmason <avar@cpan.org>

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License.

Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

That's all there is to it!

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The End

# 1.525 icu 66.1 2ubuntu2.1

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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation
rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
```

```

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*\1.o $@ : /g" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*\1.o $@ : /g" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
This package was debianized by Jay Berkenbilt <qjb@debian.org> on
August 5, 2005.
The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on
Tue, 17 Mar 2015.

The original source was downloaded from
http://site.icu-project.org/download

The main web site for ICU is
http://www.icu-project.org/

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2004, 2009, 2010 David Zeuthen <david@fubar.dk>  
2005, 2006 SUSE Linux Products GmbH  
2003 IBM Corp.  
2007 Hannes Reinecke <hare@suse.de>  
2009 Canonical Ltd.  
2009 Scott James Remnant <scott@netsplit.com>  
2009 Martin Pitt <martin.pitt@ubuntu.com>  
2009 Piter Punk <piterpunk@slackware.com>  
2009, 2010 Lennart Poettering  
2009 Filippo Argiolas <filippo.argiolas@gmail.com>  
2010 Maxim Levitsky  
2011 ProFUSION embedded systems  
2011 Karel Zak <kzak@redhat.com>  
2014 Zbigniew Jdrzejewski-Szmek <zbyszek@in.waw.pl>  
2014 David Herrmann <dh.herrmann@gmail.com>

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

Source: <https://github.com/lz4/lz4>

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## 1.531 keyutils 1.6 6ubuntu1

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6,

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Marc Boucher <[marc+nf@mbsi.ca](mailto:marc+nf@mbsi.ca)>

James Morris <[jmorris@intercode.com.au](mailto:jmorris@intercode.com.au)>

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Upstream-Contact: Sebastian Pipping <sebastian@pipping.org>

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/\* Miniature re-implementation of the "check" library.

This is intended to support just enough of check to run the Expat tests. This interface is based entirely on the portion of the check library being used.

```
  _ _ _
  _ \| \ / _ _ _ \| |
 / _ \| \ / _ \| |
 | _ \| \ | | | | |
 \ _ \| \ / _ \| | |
    | | XML parser
```

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the work with the complete corresponding

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b) Use a suitable shared library mechanism for linking with the

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That's all there is to it!

## 1.547 python-setuptools 44.0.0

### 1.547.1 Available under license :

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# 1.548 pcre 8.39-12build1

## 1.548.1 Available under license :

This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

### PCRE LICENCE

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Release 7 of PCRE is distributed under the terms of the "BSD" licence, as specified below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

### THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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### THE C++ WRAPPER FUNCTIONS

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End

# 1.549 python3.8 3.8.10 0ubuntu1~20.04.4

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Python License

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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Mersenne Twister

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The ``_random'` module includes code based on a download from  
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following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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Sockets

-----

The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, [`http://www.wide.ad.jp/about/index.html'](http://www.wide.ad.jp/about/index.html).

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Floating point exception control  
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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
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| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
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Monkey HTTP Server

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/\* crc32c.c -- compute CRC-32C using the Intel crc32 instruction

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at revision 3a0bb77429bd3a61596f5e8a3172445844342120

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src/rdxxhash.[ch] src/lz4\*.[ch]: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

LZ4

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regexp.c and regexp.h from <https://github.com/ccxvii/minilibs> sha 875c33568b5a4aa4fb3dd0c52ea98f7f0e5ca684

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parts of src/rdmurmur2.c: [git@github.com:abandoned/murmur2.git](https://github.com:abandoned/murmur2.git)

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/\* crc32c.c -- compute CRC-32C using the Intel crc32 instruction

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The original author of shunit2 is Kate Ward. The following people have contributed in some way or another to shunit2.

- [Alex Harvey](<https://github.com/alexharv074>)
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## 1.552 monkey-http-daemon 1.9.1

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The original author of shunit2 is Kate Ward. The following people have contributed in some way or another to shunit2.

- [Alex Harvey](<https://github.com/alexharv074>)
- Bryan Larsen
- [David Acacio](<https://github.com/dacacioa>)
- Kevin Van Horn
- [Maciej Bliziski](<https://github.com/automatthias>)
- Mario Sparada
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parts of src/rdmurmur2.c: git@github.com:abandoned/murmur2.git

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## 1.553 grpc-go 1.45.0

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- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Point.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CompositeByteBuf.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeometryDecoderHelper.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/package-info.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Geometry.java
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- /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/IndexHelper.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeoJsonCodecProvider.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/IndexModel.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AsyncSingleConnectionReadBinding.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/PointCodec.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java
- \*
- /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandListenerMulticaster.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Polygon.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/CoordinateReferenceSystemType.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/selector/WritableServerSelector.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/GeometryEncoderHelper.java  
\*  
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jar/com/mongodb/connection/StreamFactoryFactory.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/binding/SingleConnectionReadBinding.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/bulk/IndexRequest.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/QueryHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/Position.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ConnectionString.java

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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketClosedException.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ScramSha1Authenticator.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/ServerSelector.java

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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/UpdateManyModel.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionPoolSettings.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/DuplicateKeyException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InternalStreamConnectionInitializer.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketReadTimeoutException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/validator/UpdateFieldNameValidator.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CursorHelper.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ReadBinding.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/BulkWriteError.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterConnectionMode.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/DeleteManyModel.java  
\*  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AsyncCompletionHandler.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

jar/com/mongodb/DBRefCodecProvider.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/internal/connection/IndexMap.java  
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jar/com/mongodb/connection/SocketSettings.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/AggregateOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/WriteCommandResultHelper.java  
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\*  
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jar/com/mongodb/MongoCommandException.java  
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jar/com/mongodb/operation/DocumentHelper.java  
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jar/com/mongodb/connection/NativeAuthenticator.java  
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jar/com/mongodb/connection/Authenticator.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/AuthenticationMechanism.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/ConnectionPool.java  
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jar/com/mongodb/management/NullMBeanServer.java  
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jar/com/mongodb/event/ConnectionPoolListenerAdapter.java  
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jar/com/mongodb/client/model/UpdateOptions.java  
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jar/com/mongodb/connection/SocketStream.java  
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jar/com/mongodb/MongoTimeoutException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/DefaultConnectionFactory.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/ConnectionId.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/MapReduceAction.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/MapReduceAsyncBatchCursor.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerConnectionState.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AsyncConnectionSource.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ReadPreference.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ReplyHeader.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/BulkWriteResult.java  
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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/WriteConcernException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactory.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/QueryResult.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FindAndReplaceOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/package-info.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AsyncOperationExecutor.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BatchCursor.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/WriteConcernError.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CommandResultBaseCallback.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoQueryException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FindAndModifyHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/CompositeServerSelector.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketWriteException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BaseWriteOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BulkWriteBatchCombiner.java  
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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/DeleteOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java  
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jar/com/mongodb/connection/ClusterableServerFactory.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/UsageTrackingInternalConnection.java  
\*  
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jar/com/mongodb/operation/MapReduceHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/TaggableReadPreference.java  
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jar/com/mongodb/connection/ServerMonitorFactory.java  
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jar/com/mongodb/operation/AsyncReadOperation.java  
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jar/com/mongodb/connection/FutureAsyncCompletionHandler.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/MongoInternalException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/internal/authentication/NativeAuthenticationHelper.java  
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\*  
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jar/com/mongodb/binding/AsyncReadBinding.java  
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jar/com/mongodb/MongoSocketOpenException.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/MapReduceWithInlineResultsOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/AggregateExplainOperation.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoServerException.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWaitQueueFullException.java

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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionDescription.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/result/UpdateResult.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/management/MBeanServer.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/InsertRequest.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoIncompatibleDriverException.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/package-info.java

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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SslSettings.java

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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/UpdateOneModel.java

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- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/WriteConcern.java

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- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/FullDocument.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ChangeStreamOperation.java

\*

/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ReadConcernHelper.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BulkWriteBatch.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/event/ServerListenerMulticaster.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/event/EventListenerHelper.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/event/ServerMonitorListenerMulticaster.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BsonWriterHelper.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MixedBulkWriteOperation.java

\*

/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterClockAdvancingSessionContext.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/dns/DnsResolver.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CommandProtocolImpl.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/OperationTypeCodec.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AbstractByteBufBsonDocument.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/event/ClusterListenerMulticaster.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java

\*

/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AsyncChangeStreamBatchCursor.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeometryCodec.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerMonitorListenerAdapter.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoChangeStreamException.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerListenerAdapter.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ChangeStreamBatchCursor.java

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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/OperationType.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SplittablePayloadBsonWriter.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/UpdateDescription.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ElementExtendingBsonWriter.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

jar/com/mongodb/operation/BaseFindAndModifyOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/SplittablePayload.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/connection/LevelCountingBsonWriter.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/internal/event/CommandListenerMulticaster.java  
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jar/com/mongodb/DocumentToDBRefTransformer.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/OperationExecutor.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/assertions/package-info.java

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/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/result/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/package-info.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ReturnDocument.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BsonArrayWrapper.java

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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/TagSet.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/Tag.java

\*

/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/CursorType.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoNotPrimaryException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultAuthenticator.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWriteException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWriteConcernException.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AbstractReferenceCounted.java  
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  - \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/MessageHeader.java
  - \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CompressedHeader.java
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- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionCheckedInEvent.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolWaitQueueEnteredEvent.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/Time.java
- \*
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionClosedEvent.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionCheckedOutEvent.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CreateViewOperation.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/SniSslHelper.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionRemovedEvent.java

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* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/internal/connection/Java8SniSslHelper.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/operation/WriteConcernHelper.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ConnectionAddedEvent.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/MongoConfigurationException.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/CommandEventMulticaster.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ConnectionPoolClosedEvent.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ConnectionOpenedEvent.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/ClientMetadataHelper.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerMonitorEventMulticaster.java
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jar/com/mongodb/event/ServerMonitorListener.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerClosedEvent.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerListener.java
*
 /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerDescriptionChangedEvent.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerHeartbeatStartedEvent.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
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- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CompressedMessage.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/OpCode.java
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- \*/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoCompressor.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ZlibCompressor.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/LegacyProtocol.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CommandProtocol.java
- \* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

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jar/com/mongodb/connection/Compressor.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/ClusterClock.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/SnappyCompressor.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/LegacyMessage.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/internal/connection/NoOpSessionContext.java
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```
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jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/CollationCaseFirst.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/MongoDriverInformation.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/CollationAlternate.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/CollationMaxVariable.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/CollationStrength.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/Collation.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/DeleteOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
```

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*
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```
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/gridfs/codecs/package-info.java
```

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```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/UnwindOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/ValidationOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/MongoGridFSException.java
```

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*
```

```
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/IndexOptionDefaults.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/internal/HexUtils.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/InsertOneOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/gridfs/model/package-info.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/Indexes.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
```

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*
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```
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/ValidationLevel.java
```



\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/model/GridFSFile.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ValidationAction.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/TextSearchOptions.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ReadConcernLevel.java  
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jar/com/mongodb/client/model/CountOptions.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/ExponentiallyWeightedMovingAverage.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/DeleteOneModel.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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*/
/**
* Returns an array containing all of the elements in this deque, in
* proper sequence (from first to last element).
*
* <p>The returned array will be "safe" in that no references to it are
* maintained by this deque. (In other words, this method must allocate
* a new array). The caller is thus free to modify the returned array.
*
* <p>This method acts as bridge between array-based and collection-based
* APIs.
*
* @return an array containing all of the elements in this deque
*/
```

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```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java  
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jar/com/mongodb/operation/QueryBatchCursor.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/AsyncQueryBatchCursor.java  
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jar/com/mongodb/operation/RenameCollectionOperation.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/MapReduceToCollectionOperation.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
```

jar/com/mongodb/operation/DropUserOperation.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/AggregateToCollectionOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/DropIndexOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/DropDatabaseOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/DropCollectionOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/CreateIndexesOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/CreateCollectionOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/UserOperationHelper.java  
\*

/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/GraphLookupOptions.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/OperationHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/operation/CreateUserOperation.java  
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jar/com/mongodb/operation/UpdateUserOperation.java

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jar/com/mongodb/event/CommandFailedEvent.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/LineStringCodec.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/BsonField.java  
*  
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/event/CommandEvent.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/PushOptions.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/MultiPolygon.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/event/CommandStartedEvent.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/GeometryCollectionCodec.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/MultiPointCodec.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/BuildersHelper.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/MultiLineString.java  
*  
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/Accumulators.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/Aggregates.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/PolygonCoordinates.java  
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/MultiPolygonCodec.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/Updates.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/GeometryCollection.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/event/CommandSucceededEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/event/CommandListener.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/SimpleExpression.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/geojson/codecs/NamedCoordinateReferenceSystemCodec.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ClientSessionOptions.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/session/ServerSessionPool.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/session/SessionContext.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/session/ClientSession.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/session/ClientSessionImpl.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/session/package-info.java  
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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/annotations/Immutable.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/annotations/ThreadSafe.java

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\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterOpeningEvent.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionMessagesSentEvent.java

\*



/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SocketStreamHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionMessageReceivedEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DescriptionHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterClosedEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterEventMulticaster.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerDescription.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultClusterableServerFactory.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SaslAuthenticator.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoCredential.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterDescriptionChangedEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BaseCluster.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolOpenedEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterListener.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SingleServerCluster.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/MultiServerCluster.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/GSSAPIAuthenticator.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServerMonitor.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterDescription.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/NettyStream.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServer.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ChangeEvent.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServerMonitorFactory.java  
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jar/com/mongodb/client/model/BucketOptions.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/operation/AsyncSingleBatchQueryCursor.java
```

```
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/event/ServerHeartbeatSucceededEvent.java
```

```
*
 /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/Field.java
```

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* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
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jar/com/mongodb/client/model/BucketAutoOptions.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
jar/com/mongodb/client/model/Facet.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-  
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jar/com/mongodb/connection/DefaultClusterFactory.java

\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/FindOneAndReplaceOptions.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ByteBufferBsonOutput.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InsertMessage.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ErrorCode.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServerConnection.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ListCollectionsOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/UpdateMessage.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/QueryMessage.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/KillCursorProtocol.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/GetMoreProtocol.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ListIndexesOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/RequestMessage.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DeleteMessage.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FindOperation.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultConnectionPool.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DeleteProtocol.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/WriteProtocol.java  
\*  
/opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/UpdateProtocol.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InsertProtocol.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/FindOneAndDeleteOptions.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/QueryProtocol.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ProtocolHelper.java  
\* /opt/cola/permits/1317344807\_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-

```
jar/com/mongodb/operation/UserExistsOperation.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/netty/NettyByteBuf.java
*
/opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/GetMoreMessage.java
* /opt/cola/permits/1317344807_1651091357.1/0/mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/connection/KillCursorsMessage.java
```

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Name: pkg\_resources

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\* /opt/cola/permits/1320410882\_1651537966.27/0/pkg-resources-0-0-0-dist-info-  
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## 1.570 pycparser 2.20

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pycparser -- A C parser in Python

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

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## 1.578 glob 0.2.3

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```
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```
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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-----  
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in t\_html\_generator.h

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\*

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```
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/NotThreadSafe.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/Immutable.java  
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## 1.595 afero 1.8.2

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## 1.597 mitchellh-mapstructure 1.5.0

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## 1.599 keyutils 1.6-6ubuntu1.1

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<signature of Ty Coon>, 1 April 1989
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components:

```
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```
/*
  json_parse.js
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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 */
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
```

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lib/erl/src/Makefile.am

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-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
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#
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```

-----  
For the lib/nodejs/lib/thrift/json\_parse.js:

```
/*
  json_parse.js
  2015-05-02
  Public Domain.
  NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.
*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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 * this copyright notice must
   be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
*/
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
//////////////////////////////////////////////////////////////////
```

-----  
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in t\_html\_generator.h

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*
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*
```

\* Designed and built with all the love in the world @twitter by @mdo and @fat.

-----  
For t\_cl\_generator.cc

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# 1.602 go.opentelemetry.io-otel 1.4.0

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```
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```

```
*/
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*/
```

```
-----
For lib/py/compat/win32/stdint.h
```

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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/\* socketpair.c

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// ISO C9x compliant stdint.h for Microsoft Visual Studio

// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124

//

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lib/erl/src/Makefile.am

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-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4

components:

```
# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
#
# Copying and distribution of this file, with or without
# modification, are permitted in any medium without royalty provided
# the copyright notice and this notice are preserved.
```

-----  
For the lib/nodejs/lib/thrift/json\_parse.js:

```
/*
  json_parse.js
  2015-05-02
  Public Domain.
  NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.

*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
 * This code is Free Software. It may be copied freely, in original or
 * modified form, subject only to the restrictions that (1) the author is
 * relieved from all responsibilities for any use for any purpose, and (2)
 * this copyright notice must
 * be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
 */
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
// Copyright (c) 2006-2008 Alexander Chemeris
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// ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
//
//
///////////////////////////////////////////////////////////////////
```

```
-----
Codegen template
in t_html_generator.h
```

```
* Bootstrap v2.0.3
*
* Copyright 2012 Twitter, Inc
* Licensed under the Apache License v2.0
* http://www.apache.org/licenses/LICENSE-2.0
*
* Designed and built with all the love in the world @twitter by @mdo and @fat.
```

```
-----
For t_cl_generator.cc
```

```
* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
* Copyright (c) 2006- Facebook
```

## 1.605 x-tools 0.1.11

## 1.605.1 Available under license :

```
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# visible at http://tip.golang.org/CONTRIBUTORS.
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package hooks

import (
    "bytes"
    "io/ioutil"
    "os/exec"
    "runtime"
    "testing"

    "golang.org/x/tools/internal/testenv"
)

func TestLicenses(t *testing.T) {
    // License text differs for older Go versions because staticcheck isn't
    // supported for those versions.
    testenv.NeedsGo1Point(t, 17)

    if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
        t.Skip("generating licenses only works on Unixes")
    }
    tmp, err := ioutil.TempFile("", "")
    if err != nil {
        t.Fatal(err)
    }
    tmp.Close()

    if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
        t.Fatalf("generating licenses failed: %q, %v", out, err)
    }

    got, err := ioutil.ReadFile(tmp.Name())
    if err != nil {
        t.Fatal(err)
    }
    want, err := ioutil.ReadFile("licenses.go")
    if err != nil {
        t.Fatal(err)
    }
    if !bytes.Equal(got, want) {
        t.Error("combined
```

license text needs updating. Run: `go generate ./internal/hooks` from the gopls module.")

}

}

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//go:build go1.18

// +build go1.18

// Package copyright checks that files have the correct copyright notices.

package copyright

import (

"go/ast"

"go/parser"

"go/token"

"io/fs"

"io/ioutil"

"path/filepath"

```
"regexp"  
"strings"  
)
```

```
func checkCopyright(dir string) ([]string, error) {  
    var files []string  
    err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {  
        if err != nil {  
            return err  
        }  
        if d.IsDir() {  
            // Skip directories like ".git".  
            if strings.HasPrefix(d.Name(), ".") {  
                return filepath.SkipDir  
            }  
            // Skip any directory that starts with an underscore, as the go  
            // command would.  
            if strings.HasPrefix(d.Name(), "_") {  
                return filepath.SkipDir  
            }  
        }  
        return nil  
    })  
    needsCopyright, err := checkFile(dir, path)  
    if err != nil {  
        return err  
    }  
    if needsCopyright {  
        files  
    }  
    = append(files, path)  
    return nil  
}
```

```
var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.  
Use of this source code is governed by a BSD-style  
license that can be found in the LICENSE file.`)
```

```
func checkFile(toolsDir, filename string) (bool, error) {  
    // Only check Go files.  
    if !strings.HasSuffix(filename, ".go") {  
        return false, nil  
    }  
    // Don't check testdata files.  
    normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))  
    if strings.Contains(normalized, "/testdata/") {  
        return false, nil  
    }  
}
```

```

}
// goyacc is the only file with a different copyright header.
if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
    return false, nil
}
content, err := ioutil.ReadFile(filename)
if err != nil {
    return false, err
}
fset := token.NewFileSet()
parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
if err != nil {
    return false, err
}
// Don't require headers
on generated files.
if isGenerated(fset, parsed) {
    return false, nil
}
shouldAddCopyright := true
for _, c := range parsed.Comments {
    // The copyright should appear before the package declaration.
    if c.Pos() > parsed.Package {
        break
    }
    if copyrightRe.MatchString(c.Text()) {
        shouldAddCopyright = false
        break
    }
}
return shouldAddCopyright, nil
}

// Copied from golang.org/x/tools/internal/lsp/source/util.go.
// Matches cgo generated comment as well as the proposed standard:
//
// https://golang.org/s/generatedcode
var generatedRx = regexp.MustCompile(`^// .*DO NOT EDIT\?.?`)

func isGenerated(fset *token.FileSet, file *ast.File) bool {
    for _, commentGroup := range file.Comments {
        for _, comment := range commentGroup.List {
            if matched := generatedRx.MatchString(comment.Text); !matched {
                continue
            }
            // Check if comment is at the beginning of the line in source.
            if pos := fset.Position(comment.Slash); pos.Column == 1 {
                return true
            }
        }
    }
}

```

```
}  
}  
}  
return  
false  
}
```

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```
//go:generate ./gen-licenses.sh licenses.go  
package hooks
```

```
const licensesText = `  
-- github.com/BurntSushi/toml COPYING --
```

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```
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```

```
//go:build go1.18\n// +build go1.18
```

```
package copyright
```

```
import (\n    "os"\n    "path/filepath"\n    "strings"\n    "testing"\n)
```

```
func TestToolsCopyright(t *testing.T) {\n    cwd, err := os.Getwd()\n    if err != nil {\n        t.Fatal(err)\n    }\n    tools := filepath.Dir(cwd)\n    if !strings.HasSuffix(filepath.Base(tools), "tools") {\n        t.Fatalf("current working directory is %s, expected tools", tools)\n    }\n    files, err := checkCopyright(tools)\n    if err != nil {\n        t.Fatal(err)\n    }\n}
```

```
if len(files) > 0 {
    t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
}
}
```

## 1.606 python-certifi 2022.6.15

### 1.606.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.607 python-certifi 2022.06.15

### 1.607.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.608 tzdata 2022a 0ubuntu0.20.04

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It was downloaded from <https://www.iana.org/time-zones>

Upstream Author: The Internet Assigned Numbers Authority (IANA)  
Commentary should be addressed to [tz@iana.org](mailto:tz@iana.org)

Copyright: This database is in the public domain.

Files: debian/icu/\*.txt

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# This is just the tzdata "Data Files" which uses "Third-Party

# Software Licenses 5. Time Zone Database"

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#

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# 1.609 libsepol 3.0 1ubuntu0.1

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# 1.612 xz 5.2.4 1ubuntu1.1

## 1.612.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <[lasse.collin@tukaani.org](mailto:lasse.collin@tukaani.org)>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

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From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

.  
[...]

.  
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changelog.gz (commit 975d8fd) explains:

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,  
visibility.m4 serial 1 (gettext-0.15),  
Autoconf 2.52g

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configure.ac:

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comments from Autoconf 2.52g:

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[...]

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dos/config.h was generated with autoheader, which tells Autoconf to  
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.
```

Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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=====

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- xz, xzdec, and lzmadec command line tools are in the public domain unless GNU getopt\_long had to be compiled and linked in from the lib directory. The getopt\_long code is under GNU LGPLv2.1+.
- The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.

- All the documentation in the doc directory and most of the XZ Utils specific documentation files in other directories are in the public domain.
- Translated messages are in the public domain.
- The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up in the binaries being built.
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# 1.613 curl 7.68.0 1ubuntu2.11

## 1.613.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: curl

Source: <http://curl.haxx.se>

Files: \*

Copyright: 1996-2015, Daniel Stenberg <daniel@haxx.se>

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Files: lib/vtls/sectransp.\*

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Files: lib/curl\_rtmp.\*

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lib/inet\_ntop.c

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Files: src/macos/src/macos\_main.cpp

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License Mixing

=====

libcurl can be built to use a fair amount of various third party libraries,  
libraries that are written and provided by other parties that are distributed  
using their own licenses. Even libcurl itself contains code that may cause

problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

### ## libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

### ## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

### ## GnuTLS

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### ## BoringSSL

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### ## libressl

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### ## BearSSL

(May be used for SSL/TLS support) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

### ## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

### ## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

### ## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

### ## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

## libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

# 1.614 libxml2 2.9.10+dfsg 5ubuntu0.20.04.3

## 1.614.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Upstream-Name: libxml2

Source: <ftp://xmlsoft.org/libxml2/>

Files-Excluded:

result

test

Comment:

Bug about the removal of the above directories: <https://bugs.debian.org/331534>

Files: \*

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Files: list.c

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## 1.615 bash 5.0 6ubuntu1.2

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```

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```

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```

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## 1.617 python-certifi 2020.12.05

### 1.617.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
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```

Found in path(s):

```
* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-
archive-L3IwXukb/certdata2pem.py
```

No license file was found, but licenses were detected in source scan.

```
#
# This Source Code Form is subject to the terms of the Mozilla Public
# License, v. 2.0. If a copy of the MPL was not distributed with this
# file, You can obtain one at http://mozilla.org/MPL/2.0/.
```

```

#
# certdata.txt
#
# This file contains the object definitions for the certs and other
# information "built into" NSS.
#
# Object definitions:
#
# Certificates
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_CERTIFICATE
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT          DER+base64      (varies)
# CKA_ID               byte array      (varies)
#
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER   DER+base64      (varies)
# CKA_VALUE            DER+base64      (varies)
# CKA_NSS_EMAIL       ASCII7          (unused here)
# CKA_NSS_SERVER_DISTRUST_AFTER DER+base64      (varies)
# CKA_NSS_EMAIL_DISTRUST_AFTER DER+base64      (varies)
#
# Trust
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_TRUST
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER   DER+base64      (varies)
# CKA_CERT_HASH       binary+base64    (varies)
# CKA_EXPIRES         CK_DATE
#
# (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST      (varies)
# CKA_TRUST_NON_REPUDIATION  CK_TRUST      (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_AGREEMENT    CK_TRUST      (varies)
# CKA_TRUST_KEY_CERT_SIGN    CK_TRUST      (varies)
# CKA_TRUST_CRL_SIGN         CK_TRUST      (varies)

```

```

# CKA_TRUST_SERVER_AUTH    CK_TRUST    (varies)
# CKA_TRUST_CLIENT_AUTH    CK_TRUST    (varies)
# CKA_TRUST_CODE_SIGNING   CK_TRUST    (varies)
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST    (varies)
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST    (varies)
# CKA_TRUST_IPSEC_TUNNEL   CK_TRUST    (varies)
# CKA_TRUST_IPSEC_USER     CK_TRUST    (varies)
# CKA_TRUST_TIME_STAMPING  CK_TRUST    (varies)
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL    (varies)
# (other
  trust attributes can be defined)
#

#
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#
BEGINDATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"

#
# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE
CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101

```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003  
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031  
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147  
\156\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\025\113\132\303\224

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\165\060\202\002\135\240\003\002\001\002\002\013\004  
\000\000\000\000\001\025\113\132\303\224\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\127\061\013\060\011\006  
\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004  
\012\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166  
\055\163\141\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\033\060\031\006\003\125\004\003\023\022  
\107\154\157\142\141\154\123\151\147\156\040\122\157\157\164\040  
\103\101\060\036\027\015\071\070\060\071\060\061\061\062\060\060  
\060\060\132\027\015\062\070\060\061\062\070\061\062\060\060\060  
\060\132\060\127\061\013\060\011\006\003\125\004\006\023\002\102  
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142  
\141\154\123\151\147\156\040\156\166\055\163\141\061\020\060\016  
\006\003\125\004\013\023\007\122\157\157\164\040\103\101\061\033  
\060\031\006\003\125\004\003\023\022\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\332\016\346\231  
\215\316\243\343\117\212\176\373\361\213\203\045\153\352\110\037  
\361\052\260\271\225\021\004\275\360\143\321\342\147\146\317\034  
\335\317\033\110\053\356\215\211\216\232\257\051\200\145\253\351  
\307\055\022\313\253\034\114\160\007\241\075\012\060\315\025\215  
\117\370\335\324\214\120\025\034\357\120\356\304\056\367\374\351  
\122\362\221\175\340\155\325\065\060\216\136\103\163\362\101\351  
\325\152\343\262\211\072\126\071\070\157\006\074\210\151\133\052  
\115\305\247\124\270\154\211\314\233\371\074\312\345\375\211\365  
\022\074\222\170\226\326\334\164\156\223\104\141\321\215\307\106  
\262\165\016\206\350\031\212\325\155\154\325\170\026\225\242\351  
\310\012\070\353\362\044\023\117\163\124\223\023\205\072\033\274  
\036\064\265\213\005\214\271\167\213\261\333\037\040\221\253\011  
\123\156\220\316\173\067\164\271\160\107\221\042\121\143\026\171  
\256\261\256\101\046\010\310\031\053\321\106\252\110\326\144\052  
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174  
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000

```
\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\140\173\146\032\105\015\227\312\211\120\057\175\004\315\064
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\326\163\347\174\117\166\320
\215\277\354\272\242\276\064\305\050\062\265\174\374\154\234\054
\053\275\011\236\123\277\153\136\252\021\110\266\345\010\243\263
\312\075\141\115\323\106\011\263\076\303\240\343\143\125\033\362
\272\357\255\071\341\103\271\070\243\346\057\212\046\073\357\240
\120\126\371\306\012\375\070\315\304\013\160\121\224\227\230\004
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015
\377\125\060\354\206\217\377\015\357\054\271\143\106\366\252\374
\337\274\151\375\056\022\110\144\232\340\225\360\246\357\051\217
\001\261\025\265\014\035\245\376\151\054\151\044\170\036\263\247
\034\161\142\356\312\310\227\254\027\135\212\302\370\107\206\156
\052\304\126\061\225\320\147\211\205\053\371\154\246\135\106\235
\014\252\202\344\231\121\335\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\314\007\256\143\122\277\123\123\364
\053\351\307\375\266\367\202\137\205\322\101\030\333\201\263\004
\034\305\037\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA"

# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE

# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94

# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Tue Sep 01 12:00:00 1998

# Not Valid After : Fri Jan 28 12:00:00

2028

# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A

# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R2"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Serial Number:04:00:00:00:00:01:0f:86:26:e6:0d
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
# Fingerprint (MD5): 94:14:77:7E:3E:5E:FD:8F:30:BD:41:B0:CF:E7:D0:30
# Fingerprint (SHA1): 75:E0:AB:B6:13:85:12:27:1C:04:F8:5F:DD:DE:38:E4:B7:24:2E:FE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125

```

\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\017\206\046\346\015

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\272\060\202\002\242\240\003\002\001\002\002\013\004  
\000\000\000\000\001\017\206\046\346\015\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\114\061\040\060\036\006  
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156  
\040\122\157\157\164\040\103\101\040\055\040\122\062\061\023\060  
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151  
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\066\061\062\061  
\065\060\070\060\060\060\060\132\027\015\062\061\061\062\061\065  
\060\070\060\060\060\060\132\060\114\061\040\060\036\006\003\125  
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\062\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\246\317\044\016\276\056\157\050\231\105  
\102\304\253\076\041\124\233\013\323\177\204\160\372\022\263\313  
\277\207\137\306\177\206\323\262\060\134\326\375\255\361\173\334  
\345\370\140\226\011\222\020\365\320\123\336\373\173\176\163\210  
\254\122\210\173\112\246\312\111\246\136\250\247\214\132\021\274  
\172\202\353\276\214\351\263\254\226\045\007\227\112\231\052\007  
\057\264\036\167\277\212\017\265\002\174\033\226\270\305\271\072  
\054\274\326\022\271\353\131\175\342\320\006\206\137\136\111\152  
\265\071\136\210\064\354\274\170\014\010\230\204\154\250\315\113  
\264\240\175\014\171\115\360\270\055\313\041\312\325\154\133\175  
\341\240\051\204\241\371\323\224\111\313\044\142\221\040\274\335  
\013\325\331\314\371\352\047\012\053\163\221\306\235\033\254\310  
\313\350\340\240\364\057\220\213\115\373\260\066\033\366\031\172  
\205\340\155\362\141\023\210\134\237\340\223\012\121\227\212\132  
\316\257\253\325\367\252\011\252\140\275\334\331\137\337\162\251  
\140\023\136\000\001\311\112\372\077\244\352\007\003\041\002\216  
\202\312\003\302\233\217\002\003\001\000\001\243\201\234\060\201  
\231\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\035\006\003\125\035\016\004\026\004\024\233\342\007  
\127\147\034\036\300\152\006\336\131\264\232\055\337\334\031\206  
\056\060\066\006\003\125\035\037\004\057\060\055\060\053\240\051  
\240\047\206\045\150\164\164\160\072\057\057\143\162\154\056\147  
\154\157\142\141\154\163\151\147\156\056\156\145\164\057\162\157  
\157\164\055\162\062\056\143\162\154\060\037\006\003\125\035\043  
\004\030\060\026\200\024\233\342\007\127\147\034\036\300\152\006



```
\336\131\264\232\055\337\334\031\206\056\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\231\201
\123\207\034\150\227\206\221\354\340\112\270\104\013\253\201\254
\047\117\326\301\270\034\103\170\263\014\232\374\352\054\074\156
\141\033\115\113\051\365\237\005\035\046\301\270\351\203\000\142
\105\266\251\010\223\271\251\063\113\030\232\302\370\207\210\116
\333\335\161\064\032\301\124\332\106\077\340\323\052\253\155\124
\042\365\072\142\315\040\157\272\051\211\327\335\221\356\323\134
\242\076\241\133\101\365\337\345\144\103\055\351\325\071\253\322
\242\337\267\213\320\300\200\031\034\105\300\055\214\350\370\055
\244\164\126\111\305\005\265\117\025\336\156\104\170\071\207\250
\176\273\363\171\030\221\273\364\157\235\301\360\214\065\214\135
\001\373\303\155\271\357\104\155\171\106\061\176\012\376\251\202
\301\377\357\253\156\040\304\120\311\137\235\115\233\027\214\014
\345\001\311\240\101\152\163\123\372\245\120\264\156\045\017\373
\114\030\364\375\122\331\216\151\261\350\021\017\336\210\330\373
\035\111\367\252\336\225\317\040\170\302\140\022\333\045\100\214
\152\374\176\102\070\100\144\022\367\236\201\341\223\056
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA - R2"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2

# Serial Number:04:00:00:00:00:01:0f:86:26:e6:0d

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign

Root CA - R2

# Not Valid Before: Fri Dec 15 08:00:00 2006

# Not Valid After : Wed Dec 15 08:00:00 2021

# Fingerprint (MD5): 94:14:77:7E:3E:5E:FD:8F:30:BD:41:B0:CF:E7:D0:30

# Fingerprint (SHA1): 75:E0:AB:B6:13:85:12:27:1C:04:F8:5F:DD:DE:38:E4:B7:24:2E:FE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\165\340\253\266\023\205\022\047\034\004\370\137\335\336\070\344
\267\044\056\376
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\224\024\167\176\076\136\375\217\060\275\101\260\317\347\320\060
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
```

```
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\013\004\000\000\000\000\001\017\206\046\346\015
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"

#

# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4

# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73

#

Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110  
\316\261\244

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\032\060\202\003\002\002\021\000\213\133\165\126\204  
\124\205\013\000\317\257\070\110\316\261\244\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003  
\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145  
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164  
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050  
\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156  
\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123  
\151\147\156\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060  
\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066  
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012  
\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056  
\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123  
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162  
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040  
\061\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060

\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156  
\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\335\204\324\271\264\371\247\330\363\004\170  
\234\336\075\334\154\023\026\331\172\335\044\121\146\300\307\046  
\131\015\254\006\010\302\224\321\063\037\360\203\065\037\156\033  
\310\336\252\156\025\116\124\047\357\304\155\032\354\013\343\016  
\360\104\245\127\307\100\130\036\243\107\037\161\354\140\366\155  
\224\310\030\071\355\376\102\030\126\337\344\114\111\020\170\116  
\001\166\065\143\022\066\335\146\274\001\004\066\243\125\150\325  
\242\066\011\254\253\041\046\124\006\255\077\312\024\340\254\312  
\255\006\035\225\342\370\235\361\340\140\377\302\177\165\053\114  
\314\332\376\207\231\041\352\272\376\076\124\327\322\131\170\333  
\074\156\317\240\023\000\032\270\047\241\344\276\147\226\312\240  
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170  
\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366  
\350\246\352\307\067\022\134\243\051\036\002\331\333\037\073\264  
\327\017\126\107\201\025\004\112\257\203\047\321\305\130\210\301  
\335\366\252\247\243\030\332\150\252\155\021\121\341\277\145\153  
\237\226\166\321\075\002\003\001\000\001\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\253\146  
\215\327\263\272\307\232\266\346\125\320\005\361\237\061\215\132  
\252\331\252\106\046\017\161\355\245\255\123\126\142\001\107\052  
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262  
\266\322\210\134\263\237\315\313\324\247\331\140\225\204\072\370  
\301\067\035\141\312\347\260\305\345\221\332\124\246\254\061\201  
\256\227\336\315\010\254\270\300\227\200\177\156\162\244\347\151  
\023\225\145\037\304\223\074\375\171\217\004\324\076\117\352\367  
\236\316\315\147\174\117\145\002\377\221\205\124\163\307\377\066  
\367\206\055\354\320\136\117\377\021\237\162\006\326\270\032\361  
\114\015\046\145\342\104\200\036\307\237\343\335\350\012\332\354  
\245\040\200\151\150\241\117\176\341\153\317\007\101\372\203\216  
\274\070\335\260\056\021\261\153\262\102\314\232\274\371\110\042  
\171\112\031\017\262\034\076\040\164\331\152\303\276\362\050\170  
\023\126\171\117\155\120\352\033\260\265\127\261\067\146\130\043  
\363\334\017\337\012\207\304\357\206\005\325\070\024\140\231\243  
\113\336\006\226\161\054\362\333\266\037\244\357\077\356

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 1 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For

```
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject:
  CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized
  use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321
\351\216\106\245
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110
\316\261\244
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
```

```
# Certificate "Verisign Class 2 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6
# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE
CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
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END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120  
\133\172

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\031\060\202\003\001\002\020\141\160\313\111\214\137  
\230\105\051\347\260\246\331\120\133\172\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125  
\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111\156  
\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145\162  
\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164\167  
\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050\143  
\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156\054  
\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150  
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151  
\147\156\040\103\154\141\163\163\040\062\040\120\165\142\154\151  
\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060\061  
\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066\062  
\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012\023  
\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056\061  
\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123\151  
\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040\061  
\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111\156  
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\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060\103  
\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156\040  
\103\154\141\163\163\040\062\040\120\165\142\154\151\143\040\120  
\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\257\012\015\302\325\054\333\147\271\055\345\224  
\047\335\245\276\340\260\115\217\263\141\126\074\326\174\303\364  
\315\076\206\313\242\210\342\341\330\244\151\305\265\342\277\301  
\246\107\120\136\106\071\213\325\226\272\265\157\024\277\020\316  
\047\023\236\005\107\233\061\172\023\330\037\331\323\002\067\213  
\255\054\107\360\216\201\006\247\015\060\014\353\367\074\017\040  
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\301\221\173\013\325\023\000\233\274\357\303\110\076\106\140\040  
\205\052\325\220\266\315\213\240\314\062\335\267\375\100\125\262

\120\034\126\256\314\215\167\115\307\040\115\247\061\166\357\150  
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\043\075\037\231\376\114\350\026\143\216\306\010\216\366\061\366  
\322\372\345\166\335\265\034\222\243\111\315\315\001\315\150\315  
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\206\367\015\001\001\005\005\000\003\202\001\001\000\064\046\025  
\074\300\215\115\103\111\035\275\351\041\222\327\146\234\267\336  
\305\270\320\344\135\137\166\042\300\046\371\204\072\072\371\214  
\265\373\354\140\361\350\316\004\260\310\335\247\003\217\060\363  
\230\337\244\346\244\061\337\323\034\013\106\334\162\040\077\256  
\356\005\074\244\063\077\013\071\254\160\170\163\113\231\053\337  
\060\302\124\260\250\073\125\241\376\026\050\315\102\275\164\156  
\200\333\047\104\247\316\104\135\324\033\220\230\015\036\102\224  
\261\000\054\004\320\164\243\002\005\042\143\143\315\203\265\373  
\301\155\142\153\151\165\375\135\160\101\271\365\277\174\337\276  
\301\062\163\042\041\213\130\201\173\025\221\172\272\343\144\110  
\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153  
\106\043\071\124\365\216\142\011\004\035\224\220\246\233\346\045  
\342\102\105\252\270\220\255\276\010\217\251\013\102\030\224\317  
\162\071\341\261\103\340\050\317\267\347\132\154\023\153\111\263  
\377\343\030\174\211\213\063\135\254\063\327\247\371\332\072\125  
\311\130\020\371\252\357\132\266\317\113\113\337\052

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 2 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a

# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6

#

Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL



\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257  
\237\353\143\021

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\370\276\304\143\042\311\250\106\164\213\270\035\036\112\053\366

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120  
\133\172

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Verisign Class 3 Public Primary Certification Authority - G3"

#

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial

Number:00:9b:7e:06:49:a3:3e:62:b9:d5:ee:90:48:71:29:ef:57

# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): CD:68:B6:A7:C7:C4:CE:75:E0:1D:4F:57:44:61:92:09

# Fingerprint (SHA1): 13:2D:0D:45:53:4B:69:97:CD:B2:D5:C3:39:E2:55:76:60:9B:5C:C6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 3 Public Primary Certification Authority - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\021\000\233\176\006\111\243\076\142\271\325\356\220\110\161  
\051\357\127

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\032\060\202\003\002\002\021\000\233\176\006\111\243  
\076\142\271\325\356\220\110\161\051\357\127\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003  
\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145  
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164  
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050

\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156  
\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123  
\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060  
\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066  
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012  
\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056  
\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123  
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162  
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040  
\061\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060  
\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156  
\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\313\272\234\122\374\170\037\032\036\157\033  
\067\163\275\370\311\153\224\022\060\117\360\066\107\365\320\221  
\012\365\027\310\245\141\301\026\100\115\373\212\141\220\345\166  
\040\301\021\006\175\253\054\156\246\365\021\101\216\372\055\255  
\052\141\131\244\147\046\114\320\350\274\122\133\160\040\004\130  
\321\172\311\244\151\274\203\027\144\255\005\213\274\320\130\316  
\215\214\365\353\360\102\111\013\235\227\047\147\062\156\341\256  
\223\025\034\160\274\040\115\057\030\336\222\210\350\154\205\127  
\021\032\351\176\343\046\021\124\242\105\226\125\203\312\060\211  
\350\334\330\243\355\052\200\077\177\171\145\127\076\025\040\146  
\010\057\225\223\277\252\107\057\250\106\227\360\022\342\376\302  
\012\053\121\346\166\346\267\106\267\342\015\246\314\250\303\114  
\131\125\211\346\350\123\134\034\352\235\360\142\026\013\247\311  
\137\014\360\336\302\166\316\257\367\152\362\372\101\246\242\063  
\024\311\345\172\143\323\236\142\067\325\205\145\236\016\346\123  
\044\164\033\136\035\022\123\133\307\054\347\203\111\073\025\256  
\212\150\271\127\227\002\003\001\000\001\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\021\024  
\226\301\253\222\010\367\077\057\311\262\376\344\132\237\144\336  
\333\041\117\206\231\064\166\066\127\335\320\025\057\305\255\177  
\025\037\067\142\163\076\324\347\137\316\027\003\333\065\372\053  
\333\256\140\011\137\036\137\217\156\273\013\075\352\132\023\036  
\014\140\157\265\300\265\043\042\056\007\013\313\251\164\313\107  
\273\035\301\327\245\153\314\057\322\102\375\111\335\247\211\317

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\123\272\332\000\132\050\277\202\337\370\272\023\035\120\206\202
\375\216\060\217\051\106\260\036\075\065\332\070\142\026\030\112
\255\346\266\121\154\336\257\142\353\001\320\036\044\376\172\217
\022\032\022\150\270\373\146\231\024\024\105\134\256\347\256\151
\027\201\053\132\067\311\136\052\364\306\342\241\134\124\233\246
\124\000\317\360\361\301\307\230\060\032\073\066\026\333\243\156
\352\375\255\262\302\332\357\002\107\023\212\300\361\263\061\255
\117\034\341\117\234\257\017\014\235\367\170\015\330\364\065\126
\200\332\267\155\027\217\235\036\201\144\341\376\305\105\272\255
\153\271\012\172\116\117\113\204\356\113\361\175\335\021
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL

CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 3 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:00:9b:7e:06:49:a3:3e:62:b9:d5:ee:90:48:71:29:ef:57

# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): CD:68:B6:A7:C7:C4:CE:75:E0:1D:4F:57:44:61:92:09

# Fingerprint (SHA1): 13:2D:0D:45:53:4B:69:97:CD:B2:D5:C3:39:E2:55:76:60:9B:5C:C6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 3 Public Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\023\055\015\105\123\113\151\227\315\262\325\303\071\342\125\166
\140\233\134\306
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\315\150\266\247\307\304\316\165\340\035\117\127\104\141\222\011
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
```

```
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\021\000\233\176\006\111\243\076\142\271\325\356\220\110\161
\051\357\127
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 1/3)"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:4c:00:36:1b:e5:08:2b:a9:aa:ce:74:0a:05:3e:fb:34

# Subject: CN=Egypt Trust Class 3 Managed PKI Enterprise Administrator CA,OU=Terms of use at <https://www.egypttrust.com/repository/rpa> (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG

# Not Valid Before: Sun May 18 00:00:00 2008

# Not

Valid After : Thu May 17 23:59:59 2018

# Fingerprint (MD5): A7:91:05:96:B1:56:01:26:4E:BF:80:80:08:86:1B:4D

# Fingerprint (SHA1): 6A:2C:5C:B0:94:D5:E0:B7:57:FB:0F:58:42:AA:C8:13:A5:80:2F:E1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 1/3)"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
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END

```
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\114\000\066\033\345\010\053\251\252\316\164\012\005\076
\373\064
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 2/3)"
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:3e:0c:9e:87:69:aa:95:5c:ea:23:d8:45:9e:d4:5b:51
# Subject: CN=Egypt Trust Class 3 Managed PKI Operational Administrator CA,OU=Terms of use at
https://www.egypttrust.com/repository/rpa
(c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG
# Not Valid Before: Sun May 18 00:00:00 2008
# Not Valid After : Thu May 17 23:59:59 2018
# Fingerprint (MD5): D0:C3:71:17:3E:39:80:C6:50:4F:04:22:DF:40:E1:34
# Fingerprint (SHA1): 9C:65:5E:D5:FA:E3:B8:96:4D:89:72:F6:3A:63:53:59:3F:5E:B4:4E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 2/3)"
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

```
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\076\014\236\207\151\252\225\134\352\043\330\105\236\324
\133\121
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:12:bd:26:a2:ae:33:c0:7f:24:7b:6a:58:69:f2:0a:76

#

Subject: CN=Egypt Trust Class 3 Managed PKI SCO Administrator CA,OU=Terms of use at <https://www.egypttrust.com/repository/rpa> (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG

# Not Valid Before: Sun May 18 00:00:00 2008

# Not Valid After : Thu May 17 23:59:59 2018

# Fingerprint (MD5): C2:13:5E:B2:67:8A:5C:F7:91:EF:8F:29:0F:9B:77:6E

# Fingerprint (SHA1): 83:23:F1:4F:BC:9F:9B:80:B7:9D:ED:14:CD:01:57:CD:FB:08:95:D2

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\022\275\046\242\256\063\300\177\044\173\152\130\151\362  
\012\166

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust.net Premium 2048 Secure Server CA"

#

```
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048
  incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029
# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER
```



MULTILINE\_OCTAL

\002\004\070\143\336\370

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\004\070  
\143\336\370\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\264\061\024\060\022\006\003\125\004\012\023\013  
\105\156\164\162\165\163\164\056\156\145\164\061\100\060\076\006  
\003\125\004\013\024\067\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\103\120\123\137\062\060\064\070\040\151  
\156\143\157\162\160\056\040\142\171\040\162\145\146\056\040\050  
\154\151\155\151\164\163\040\154\151\141\142\056\051\061\045\060  
\043\006\003\125\004\013\023\034\050\143\051\040\061\071\071\071  
\040\105\156\164\162\165\163\164\056\156\145\164\040\114\151\155  
\151\164\145\144\061\063\060\061\006\003\125\004\003\023\052\105  
\156\164\162\165\163\164\056\156\145\164\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\050\062\060\064\070\051\060\036\027\015\071\071\061  
\062\062\064\061\067\065\060\065\061\132\027\015\062\071\060\067  
\062\064\061\064\061\065\061\062\132\060\201\264\061\024\060\022  
\006\003\125\004\012\023\013\105\156\164\162\165\163\164\056\156  
\145\164\061\100\060\076\006\003\125\004\013\024\067\167\167\167  
\056\145\156\164\162\165\163\164\056\156\145\164\057\103\120\123  
\137\062\060\064\070\040\151\156\143\157\162\160\056\040\142\171  
\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151  
\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050  
\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056  
\156\145\164\040\114\151\155\151\164\145\144\061\063\060\061\006  
\003\125\004\003\023\052\105\156\164\162\165\163\164\056\156\145  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\050\062\060\064\070\051  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\255\115\113\251\022\206\262\352\243\040\007\025\026\144\052  
\053\113\321\277\013\112\115\216\355\200\166\245\147\267\170\100  
\300\163\102\310\150\300\333\123\053\335\136\270\166\230\065\223  
\213\032\235\174\023\072\016\037\133\267\036\317\345\044\024\036  
\261\201\251\215\175\270\314\153\113\003\361\002\014\334\253\245  
\100\044\000\177\164\224\241\235\010\051\263\210\013\365\207\167  
\235\125\315\344\303\176\327\152\144\253\205\024\206\225\133\227  
\062\120\157\075\310\272\146\014\343\374\275\270\111\301\166\211  
\111\031\375\300\250\275\211\243\147\057\306\237\274\161\031\140  
\270\055\351\054\311\220\166\146\173\224\342\257\170\326\145\123  
\135\074\326\234\262\317\051\003\371\057\244\120\262\324\110\316  
\005\062\125\212\375\262\144\114\016\344\230\007\165\333\177\337  
\271\010\125\140\205\060\051\371\173\110\244\151\206\343\065\077  
\036\206\135\172\172\025\275\357\000\216\025\042\124\027\000\220  
\046\223\274\016\111\150\221\277\370\107\323\235\225\102\301\016

```
\115\337\157\046\317\303\030\041\142\146\103\160\326\325\300\007
\341\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\125\344\201\321\021\200\276\330\211\271
\010\243\061\371\241\044\011\026\271\160\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\073\233
\217\126\233\060\347\123\231\174\172\171\247\115\227\327\031\225
\220\373\006\037\312\063\174\106\143\217\226\146\044\372\100\033
\041\047\312\346\162\163\362\117\376\061\231\375\310\014\114\150
\123\306\200\202\023\230\372\266\255\332\135\075\361\316\156\366
\025\021\224\202\014\356\077\225\257\021\253\017\327\057\336\037
\003\217\127\054\036\311\273\232\032\104\225\353\030\117\246\037
\315\175\127\020\057\233\004\011\132\204\265\156\330\035\072\341
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145
\074\355\337\075\276\246\345\225\032\303\265\031\303\275\136\133
\273\377\043\357\150\031\313\022\223\047\134\003\055\157\060\320
\036\266\032\254\336\132\367\321\252\250\047\246\376\171\201\304
\171\231\063\127\272\022\260\251\340\102\154\223\312\126\336\376
\155\204\013\010\213\176\215\352\327\230\041\306\363\347\074\171
\057\136\234\321\114\025\215\341\354\042\067\314\232\103\013\227
\334\200\220\215\263\147\233\157\110\010\025\126\317\277\361\053
\174\136\232\166\351\131\220\305\174\203\065\021\145\121
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust.net Premium 2048 Secure Server CA"

# Issuer: CN=Entrust.net Certification Authority

(2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

# Serial Number: 946069240 (0x3863def8)

# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

# Not Valid Before: Fri Dec 24 17:50:51 1999

# Not Valid After : Tue Jul 24 14:15:12 2029

# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90

# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\120\060\006\011\035\227\324\365\256\071\367\313\347\222\175\175
```

```
\145\055\064\061
```

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\051\061\274\062\176\232\346\350\265\367\121\264\064\161\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\004\070\143\336\370
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "Baltimore CyberTrust Root"
#
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4
# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171

```

```
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\004\002
\000\000\271\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\111
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\061\042\060\040\006\003
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\103
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\027
\015\062\065\060\065\061\062\062\063\065\071\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\021\006\003\125\004\013\023\012\103\171\142\145
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023
\031\102\141\154\164\151\155\157\162\145\040\103\171\142\145\162
\124\162\165\163\164\040\122\157\157\164\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\243\004\273\042\253
\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353
\041\235\300\101\053\001\122\173\210\167\323\034\217\307\272\271
\210\265\152\011\347\163\350\021\100\247\321\314\312\142\215\055
\345\217\013\246\120\322\250\120\303\050\352\365\253\045\207\212
\232\226\034\251\147\270\077\014\325\367\371\122\023\057\302\033
\325\160\160\360\217\300\022\312\006\313\232\341\331\312\063\172
\167\326\370\354\271\361\150\104\102\110\023\322\300\302\244\256
\136\140\376\266\246\005\374\264\335\007\131\002\324\131\030\230
\143\365\245\143\340\220\014\175\135\262\006\172\363\205\352\353
\324\003\256\136\204\076\137\377\025\355\151\274\371\071\066\162
```

\165\317\167\122\115\363\311\220\054\271\075\345\311\043\123\077  
\037\044\230\041\134\007\231\051\275\306\072\354\347\156\206\072  
\153\227\164\143\063\275\150\030\061\360\170\215\166\277\374\236  
\216\135\052\206\247\115\220\334\047\032\071\002\003\001\000\001  
\243\105\060\103\060\035\006\003\125\035\016\004\026\004\024\345  
\235\131\060\202\107\130\314\254\372\010\124\066\206\173\072\265  
\004\115\360\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\003\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\205\014\135\216\344  
\157\121\150\102\005\240\335\273\117\047\045\204\003\275\367\144  
\375\055\327\060\343\244\020\027\353\332\051\051\266\171\077\166  
\366\031\023\043\270\020\012\371\130\244\324\141\160\275\004\141  
\152\022\212\027\325\012\275\305\274\060\174\326\351\014\045\215  
\206\100\117\354\314\243\176\070\306\067\021\117\355\335\150\061  
\216\114\322\263\001\164\356\276\165\136\007\110\032\177\160\377  
\026\134\204\300\171\205\270\005\375\177\276\145\021\243\017\300  
\002\264\370\122\067\071\004\325\251\061\172\030\277\240\052\364  
\022\231\367\243\105\202\343\074\136\365\235\236\265\310\236\174  
\056\310\244\236\116\010\024\113\155\375\160\155\153\032\143\275  
\144\346\037\267\316\360\362\237\056\273\033\267\362\120\210\163  
\222\302\342\343\026\215\232\062\002\253\216\030\335\351\020\021  
\356\176\065\253\220\257\076\060\224\172\320\063\075\247\145\017  
\365\374\216\236\142\317\107\104\054\001\135\273\035\265\062\322  
\107\322\070\056\320\376\201\334\062\152\036\265\356\074\325\374  
\347\201\035\031\303\044\102\352\143\071\251

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Baltimore CyberTrust Root"

# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Serial Number: 33554617 (0x20000b9)

# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Not Valid Before: Fri May 12 18:46:00 2000

# Not Valid After : Mon May 12 23:59:00 2025

# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4

# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

UTF8 "Baltimore CyberTrust Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050

```

\122\312\344\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification
  Authority"
#
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
  incorporated by reference,O="Entrust, Inc.",C=US
# Serial Number: 1164660820 (0x456b5054)
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
  incorporated by reference,O="Entrust, Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After : Fri Nov 27 20:53:42 2026
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4
# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143

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\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040  
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105  
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156  
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160  
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145  
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143  
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040  
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105  
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\004\105\153\120\124

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\221\060\202\003\171\240\003\002\001\002\002\004\105  
\153\120\124\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\260\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164  
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003  
\125\004\013\023\060\167\167\167\056\145\156\164\162\165\163\164  
\056\156\145\164\057\103\120\123\040\151\163\040\151\156\143\157  
\162\160\157\162\141\164\145\144\040\142\171\040\162\145\146\145  
\162\145\156\143\145\061\037\060\035\006\003\125\004\013\023\026  
\050\143\051\040\062\060\060\066\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\061\055\060\053\006\003\125\004\003\023  
\044\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\060\036\027\015\060\066\061\061\062\067\062  
\060\062\063\064\062\132\027\015\062\066\061\061\062\067\062\060  
\065\063\064\062\132\060\201\260\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015  
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\071\060  
\067\006\003\125\004\013\023\060\167\167\167\056\145\156\164\162  
\165\163\164\056\156\145\164\057\103\120\123\040\151\163\040\151  
\156\143\157\162\160\157\162\141\164\145\144\040\142\171\040\162

\145\146\145\162\145\156\143\145\061\037\060\035\006\003\125\004  
\013\023\026\050\143\051\040\062\060\060\066\040\105\156\164\162  
\165\163\164\054\040\111\156\143\056\061\055\060\053\006\003\125  
\004\003\023\044\105\156\164\162\165\163\164\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\266\225\266\103\102\372\306  
\155\052\157\110\337\224\114\071\127\005\356\303\171\021\101\150  
\066\355\354\376\232\001\217\241\070\050\374\367\020\106\146\056  
\115\036\032\261\032\116\306\321\300\225\210\260\311\377\061\213  
\063\003\333\267\203\173\076\040\204\136\355\262\126\050\247\370  
\340\271\100\161\067\305\313\107\016\227\052\150\300\042\225\142  
\025\333\107\331\365\320\053\377\202\113\311\255\076\336\114\333  
\220\200\120\077\011\212\204\000\354\060\012\075\030\315\373\375  
\052\131\232\043\225\027\054\105\236\037\156\103\171\155\014\134  
\230\376\110\247\305\043\107\134\136\375\156\347\036\264\366\150  
\105\321\206\203\133\242\212\215\261\343\051\200\376\045\161\210  
\255\276\274\217\254\122\226\113\252\121\215\344\023\061\031\350  
\116\115\237\333\254\263\152\325\274\071\124\161\312\172\172\177  
\220\335\175\035\200\331\201\273\131\046\302\021\376\346\223\342  
\367\200\344\145\373\064\067\016\051\200\160\115\257\070\206\056  
\236\177\127\257\236\027\256\353\034\313\050\041\137\266\034\330  
\347\242\004\042\371\323\332\330\313\002\003\001\000\001\243\201  
\260\060\201\255\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\053\006\003\125\035\020\004\044\060\042  
\200\017\062\060\060\066\061\061\062\067\062\060\062\063\064\062  
\132\201\017\062\060\062\066\061\061\062\067\062\060\065\063\064  
\062\132\060\037\006\003\125\035\043\004\030\060\026\200\024\150  
\220\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373  
\204\275\155\060\035\006\003\125\035\016\004\026\004\024\150\220  
\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373\204  
\275\155\060\035\006\011\052\206\110\206\366\175\007\101\000\004  
\020\060\016\033\010\126\067\056\061\072\064\056\060\003\002\004  
\220\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\223\324\060\260\327\003\040\052\320\371\143  
\350\221\014\005\040\251\137\031\312\173\162\116\324\261\333\320  
\226\373\124\132\031\054\014\010\367\262\274\205\250\235\177\155  
\073\122\263\052\333\347\324\204\214\143\366\017\313\046\001\221  
\120\154\364\137\024\342\223\164\300\023\236\060\072\120\343\264  
\140\305\034\360\042\104\215\161\107\254\310\032\311\351\233\232  
\000\140\023\377\160\176\137\021\115\111\033\263\025\122\173\311  
\124\332\277\235\225\257\153\232\330\236\351\361\344\103\215\342  
\021\104\072\277\257\275\203\102\163\122\213\252\273\247\051\317  
\365\144\034\012\115\321\274\252\254\237\052\320\377\177\177\332  
\175\352\261\355\060\045\301\204\332\064\322\133\170\203\126\354  
\234\066\303\046\342\021\366\147\111\035\222\253\214\373\353\377



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\172\356\205\112\247\120\200\360\247\134\112\224\056\137\005\231
\074\122\101\340\315\264\143\317\001\103\272\234\203\334\217\140
\073\363\132\264\264\173\256\332\013\220\070\165\357\201\035\146
\322\367\127\160\066\263\277\374\050\257\161\045\205\133\023\376
\036\177\132\264\074
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Entrust Root Certification Authority"

# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US

# Serial Number: 1164660820 (0x456b5054)

# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US

# Not Valid Before: Mon Nov 27 20:23:42 2006

# Not Valid After : Fri Nov 27 20:53:42 2026

# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4

# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324
\147\111\122\371
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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\326\245\303\355\135\335\076\000\301\075\207\222\037\035\077\344
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END

CKA\_ISSUER MULTILINE\_OCTAL

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\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
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END

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CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\004\105\153\120\124
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GeoTrust Global CA"
#
# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After : Sat May 21 04:00:00 2022
# Fingerprint (MD5): F7:75:AB:29:FB:51:4E:B7:77:5E:FF:05:3C:99:8E:F5
# Fingerprint (SHA1): DE:28:F4:A4:FF:E5:B9:2F:A3:C5:03:D1:A3:49:A7:F9:96:2A:82:12
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE
CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\124\060\202\002\074\240\003\002\001\002\002\003\002
\064\126\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123

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\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162  
\165\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004  
\003\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142  
\141\154\040\103\101\060\036\027\015\060\062\060\065\062\061\060  
\064\060\060\060\060\132\027\015\062\062\060\065\062\061\060\064  
\060\060\060\060\132\060\102\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015\107  
\145\157\124\162\165\163\164\040\111\156\143\056\061\033\060\031  
\006\003\125\004\003\023\022\107\145\157\124\162\165\163\164\040  
\107\154\157\142\141\154\040\103\101\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\332\314\030\143\060\375  
\364\027\043\032\126\176\133\337\074\154\070\344\161\267\170\221  
\324\274\241\330\114\370\250\103\266\003\351\115\041\007\010\210  
\332\130\057\146\071\051\275\005\170\213\235\070\350\005\267\152  
\176\161\244\346\304\140\246\260\357\200\344\211\050\017\236\045  
\326\355\203\363\255\246\221\307\230\311\102\030\065\024\235\255  
\230\106\222\056\117\312\361\207\103\301\026\225\127\055\120\357  
\211\055\200\172\127\255\362\356\137\153\322\000\215\271\024\370  
\024\025\065\331\300\106\243\173\162\310\221\277\311\125\053\315  
\320\227\076\234\046\144\314\337\316\203\031\161\312\116\346\324  
\325\173\251\031\315\125\336\310\354\322\136\070\123\345\134\117  
\214\055\376\120\043\066\374\146\346\313\216\244\071\031\000\267  
\225\002\071\221\013\016\376\070\056\321\035\005\232\366\115\076  
\157\017\007\035\257\054\036\217\140\071\342\372\066\123\023\071  
\324\136\046\053\333\075\250\024\275\062\353\030\003\050\122\004  
\161\345\253\063\075\341\070\273\007\066\204\142\234\171\352\026  
\060\364\137\300\053\350\161\153\344\371\002\003\001\000\001\243  
\123\060\121\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\300  
\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145\270  
\312\314\116\060\037\006\003\125\035\043\004\030\060\026\200\024  
\300\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145  
\270\312\314\116\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\001\001\000\065\343\051\152\345\057\135\124  
\216\051\120\224\237\231\032\024\344\217\170\052\142\224\242\047  
\147\236\320\317\032\136\107\351\301\262\244\317\335\101\032\005  
\116\233\113\356\112\157\125\122\263\044\241\067\012\353\144\166  
\052\056\054\363\375\073\165\220\277\372\161\330\307\075\067\322  
\265\005\225\142\271\246\336\211\075\066\173\070\167\110\227\254  
\246\040\217\056\246\311\014\302\262\231\105\000\307\316\021\121  
\042\042\340\245\352\266\025\110\011\144\352\136\117\164\367\005  
\076\307\212\122\014\333\025\264\275\155\233\345\306\261\124\150  
\251\343\151\220\266\232\245\017\270\271\077\040\175\256\112\265  
\270\234\344\035\266\253\346\224\245\301\307\203\255\333\365\047  
\207\016\004\154\325\377\335\240\135\355\207\122\267\053\025\002  
\256\071\246\152\164\351\332\304\347\274\115\064\036\251\134\115  
\063\137\222\011\057\210\146\135\167\227\307\035\166\023\251\325

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\345\361\026\011\021\065\325\254\333\044\161\160\054\230\126\013
\331\027\264\321\343\121\053\136\165\350\325\320\334\117\064\355
\302\005\146\200\241\313\346\063
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Global CA"

# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US

# Serial Number: 144470 (0x23456)

# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US

# Not Valid Before: Tue May 21 04:00:00 2002

# Not Valid After : Sat May 21 04:00:00 2022

# Fingerprint (MD5): F7:75:AB:29:FB:51:4E:B7:77:5E:FF:05:3C:99:8E:F5

# Fingerprint (SHA1): DE:28:F4:A4:FF:E5:B9:2F:A3:C5:03:D1:A3:49:A7:F9:96:2A:82:12

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Global CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\336\050\364\244\377\345\271\057\243\305\003\321\243\111\247\371
\226\052\202\022
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\367\165\253\051\373\121\116\267\167\136\377\005\074\231\216\365
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\003\002\064\126
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Universal CA"

#

```
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject:
  CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 92:65:58:8B:A2:1A:31:72:73:68:5C:B4:A5:7A:07:48
# Fingerprint (SHA1): E6:21:F3:35:43:79:05:9A:4B:68:30:9D:8A:2F:74:22:15:87:EC:79
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\150\060\202\003\120\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003\023
\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162
\163\141\154\040\103\101\060\036\027\015\060\064\060\063\060\064
\060\065\060\060\060\060\132\027\015\062\071\060\063\060\064\060
\065\060\060\060\060\132\060\105\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015
\107\145\157\124\162\165\163\164\040\111\156\143\056\061\036\060
\034\006\003\125\004\003\023\025\107\145\157\124\162\165\163\164
\040\125\156\151\166\145\162\163\141\154\040\103\101\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
```

\003\202\002\017\000\060\202\002\012\002\202\002\001\000\246\025  
\125\240\243\306\340\037\214\235\041\120\327\301\276\053\133\265  
\244\236\241\331\162\130\275\000\033\114\277\141\311\024\035\105  
\202\253\306\035\200\326\075\353\020\234\072\257\155\044\370\274  
\161\001\236\006\365\174\137\036\301\016\125\312\203\232\131\060  
\256\031\313\060\110\225\355\042\067\215\364\112\232\162\146\076  
\255\225\300\340\026\000\340\020\037\053\061\016\327\224\124\323  
\102\063\240\064\035\036\105\166\335\117\312\030\067\354\205\025  
\172\031\010\374\325\307\234\360\362\251\056\020\251\222\346\075  
\130\075\251\026\150\074\057\165\041\030\177\050\167\245\341\141  
\027\267\246\351\370\036\231\333\163\156\364\012\242\041\154\356  
\332\252\205\222\146\257\366\172\153\202\332\272\042\010\065\017  
\317\102\361\065\372\152\356\176\053\045\314\072\021\344\155\257  
\163\262\166\035\255\320\262\170\147\032\244\071\034\121\013\147  
\126\203\375\070\135\015\316\335\360\273\053\226\037\336\173\062  
\122\375\035\273\265\006\241\262\041\136\245\326\225\150\177\360  
\231\236\334\105\010\076\347\322\011\015\065\224\335\200\116\123  
\227\327\265\011\104\040\144\026\027\003\002\114\123\015\150\336  
\325\252\162\115\223\155\202\016\333\234\275\317\264\363\134\135  
\124\172\151\011\226\326\333\021\301\215\165\250\264\317\071\310  
\316\074\274\044\174\346\142\312\341\275\175\247\275\127\145\013  
\344\376\045\355\266\151\020\334\050\032\106\275\001\035\320\227  
\265\341\230\073\300\067\144\326\075\224\356\013\341\365\050\256  
\013\126\277\161\213\043\051\101\216\206\305\113\122\173\330\161  
\253\037\212\025\246\073\203\132\327\130\001\121\306\114\101\331  
\177\330\101\147\162\242\050\337\140\203\251\236\310\173\374\123  
\163\162\131\365\223\172\027\166\016\316\367\345\134\331\013\125  
\064\242\252\133\265\152\124\347\023\312\127\354\227\155\364\136  
\006\057\105\213\130\324\043\026\222\344\026\156\050\143\131\060  
\337\120\001\234\143\211\032\237\333\027\224\202\160\067\303\044  
\236\232\107\326\132\312\116\250\151\211\162\037\221\154\333\176  
\236\033\255\307\037\163\335\054\117\031\145\375\177\223\100\020  
\056\322\360\355\074\236\056\050\076\151\046\063\305\173\002\003  
\001\000\001\243\143\060\141\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\332\273\056\252\260\014\270\210\046\121\164\134\155  
\003\323\300\330\217\172\326\060\037\006\003\125\035\043\004\030  
\060\026\200\024\332\273\056\252\260\014\270\210\046\121\164\134  
\155\003\323\300\330\217\172\326\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\002\001\000\061\170\346\307  
\265\337\270\224\100\311\161\304\250\065\354\106\035\302\205\363  
\050\130\206\260\013\374\216\262\071\217\104\125\253\144\204\134  
\151\251\320\232\070\074\372\345\037\065\345\104\343\200\171\224  
\150\244\273\304\237\075\341\064\315\060\106\213\124\053\225\245  
\357\367\077\231\204\375\065\346\317\061\306\334\152\277\247\327  
\043\010\341\230\136\303\132\010\166\251\246\257\167\057\267\140  
\275\104\106\152\357\227\377\163\225\301\216\350\223\373\375\061

```
\267\354\127\021\021\105\233\060\361\032\210\071\301\117\074\247
\000\325\307\374\253\155\200\042\160\245\014\340\135\004\051\002
\373\313\240\221\321\174\326\303\176\120\325\235\130\276\101\070
\353\271\165\074\025\331\233\311\112\203\131\300\332\123\375\063
\273\066\030\233\205\017\025\335\356\055\254\166\223\271\331\001
\215\110\020\250\373\365\070\206\361\333\012\306\275\204\243\043
\101\336\326\167\157\205\324\205\034\120\340\256\121\212\272\215
\076\166\342\271\312\047\362\137\237\357\156\131\015\006\330\053
\027\244\322\174\153\273\137\024\032\110\217\032\114\347\263\107
\034\216\114\105\053\040\356\110\337\347\335\011\216\030\250\332
\100\215\222\046\021\123\141\163\135\353\275\347\304\115\051\067
\141\353\254\071\055\147\056\026\326\365\000\203\205\241\314\177
\166\304\175\344\267\113\146\357\003\105\140\151\266\014\122\226
\222\204\136\246\243\265\244\076\053\331\314\330\033\107\252\362
\104\332\117\371\003\350\360\024\313\077\363\203\336\320\301\124
\343\267\350\012\067\115\213\040\131\003\060\031\241\054\310\275
\021\037\337\256\311\112\305\363\047\146\146\206\254\150\221\377
\331\346\123\034\017\213\134\151\145\012\046\310\036\064\303\135
\121\173\327\251\234\006\241\066\335\325\211\224\274\331\344\055
\014\136\011\154\010\227\174\243\075\174\223\377\077\241\024\247
\317\265\135\353\333\333\034\304\166\337\210\271\275\105\005\225
\033\256\374\106\152\114\257\110\343\316\256\017\322\176\353\346
\154\234\117\201\152\172\144\254\273\076\325\347\313\166\056\305
\247\110\301\134\220\017\313\310\077\372\346\062\341\215\033\157
\244\346\216\330\371\051\110\212\316\163\376\054
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Universal CA"

# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US

# Serial Number: 1 (0x1)

# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US

# Not Valid Before: Thu Mar 04 05:00:00 2004

# Not Valid After : Sun Mar 04 05:00:00 2029

# Fingerprint (MD5): 92:65:58:8B:A2:1A:31:72:73:68:5C:B4:A5:7A:07:48

# Fingerprint (SHA1): E6:21:F3:35:43:79:05:9A:4B:68:30:9D:8A:2F:74:22:15:87:EC:79

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Universal CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\346\041\363\065\103\171\005\232\113\150\060\235\212\057\164\042
```

```
\025\207\354\171
```

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\145\130\213\242\032\061\162\163\150\134\264\245\172\007\110
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GeoTrust Universal CA 2"
#
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 34:FC:B8:D0:36:DB:9E:14:B3:C2:F2:DB:8F:E4:94:C7
# Fingerprint (SHA1): 37:9A:19:7B:41:85:45:35:0C:A6:03:69:F3:3C:2E:AF:47:4F:20:79
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL
UTF8 "GeoTrust Universal CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165

```



```
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\154\060\202\003\124\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003\023
\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162
\163\141\154\040\103\101\040\062\060\036\027\015\060\064\060\063
\060\064\060\065\060\060\060\060\132\027\015\062\071\060\063\060
\064\060\065\060\060\060\060\132\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012
\023\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061
\040\060\036\006\003\125\004\003\023\027\107\145\157\124\162\165
\163\164\040\125\156\151\166\145\162\163\141\154\040\103\101\040
\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\263\124\122\301\311\076\362\331\334\261\123\032\131\051
\347\261\303\105\050\345\327\321\355\305\305\113\241\252\164\173
\127\257\112\046\374\330\365\136\247\156\031\333\164\014\117\065
\133\062\013\001\343\333\353\172\167\065\352\252\132\340\326\350
\241\127\224\360\220\243\164\126\224\104\060\003\036\134\116\053
\205\046\164\202\172\014\166\240\157\115\316\101\055\240\025\006
\024\137\267\102\315\173\217\130\141\064\334\052\010\371\056\303
\001\246\042\104\034\114\007\202\346\133\316\320\112\174\004\323
\031\163\047\360\252\230\177\056\257\116\353\207\036\044\167\152
\135\266\350\133\105\272\334\303\241\005\157\126\216\217\020\046
\245\111\303\056\327\101\207\042\340\117\206\312\140\265\352\241
\143\300\001\227\020\171\275\000\074\022\155\053\025\261\254\113
\261\356\030\271\116\226\334\334\166\377\073\276\317\137\003\300
\374\073\350\276\106\033\377\332\100\302\122\367\376\343\072\367
\152\167\065\320\332\215\353\136\030\152\061\307\036\272\074\033
\050\326\153\124\306\252\133\327\242\054\033\031\314\242\002\366
\233\131\275\067\153\206\265\155\202\272\330\352\311\126\274\251
\066\130\375\076\031\363\355\014\046\251\223\070\370\117\301\135
\042\006\320\227\352\341\255\306\125\340\201\053\050\203\072\372
\364\173\041\121\000\276\122\070\316\315\146\171\250\364\201\126
\342\320\203\011\107\121\133\120\152\317\333\110\032\135\076\367
\313\366\145\367\154\361\225\370\002\073\062\126\202\071\172\133
\275\057\211\033\277\241\264\350\377\177\215\214\337\003\361\140
\116\130\021\114\353\243\077\020\053\203\232\001\163\331\224\155
\204\000\047\146\254\360\160\100\011\102\222\255\117\223\015\141
```

\011\121\044\330\222\325\013\224\141\262\207\262\355\377\232\065  
\377\205\124\312\355\104\103\254\033\074\026\153\110\112\012\034  
\100\210\037\222\302\013\000\005\377\362\310\002\112\244\252\251  
\314\231\226\234\057\130\340\175\341\276\273\007\334\137\004\162  
\134\061\064\303\354\137\055\340\075\144\220\042\346\321\354\270  
\056\335\131\256\331\241\067\277\124\065\334\163\062\117\214\004  
\036\063\262\311\106\361\330\134\310\125\120\311\150\275\250\272  
\066\011\002\003\001\000\001\243\143\060\141\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\166\363\125\341\372\244\066\373\360  
\237\134\142\161\355\074\364\107\070\020\053\060\037\006\003\125  
\035\043\004\030\060\026\200\024\166\363\125\341\372\244\066\373  
\360\237\134\142\161\355\074\364\107\070\020\053\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001\000  
\146\301\306\043\363\331\340\056\156\137\350\317\256\260\260\045  
\115\053\370\073\130\233\100\044\067\132\313\253\026\111\377\263  
\165\171\063\241\057\155\160\027\064\221\376\147\176\217\354\233  
\345\136\202\251\125\037\057\334\324\121\007\022\376\254\026\076  
\054\065\306\143\374\334\020\353\015\243\252\320\174\314\321\320  
\057\121\056\304\024\132\336\350\031\341\076\306\314\244\051\347  
\056\204\252\006\060\170\166\124\163\050\230\131\070\340\000\015  
\142\323\102\175\041\237\256\075\072\214\325\372\167\015\030\053  
\026\016\137\066\341\374\052\265\060\044\317\340\143\014\173\130  
\032\376\231\272\102\022\261\221\364\174\150\342\310\350\257\054  
\352\311\176\256\273\052\075\015\025\334\064\225\266\030\164\250  
\152\017\307\264\364\023\304\344\133\355\012\322\244\227\114\052  
\355\057\154\022\211\075\361\047\160\252\152\003\122\041\237\100  
\250\147\120\362\363\132\037\337\337\043\366\334\170\116\346\230  
\117\125\072\123\343\357\362\364\237\307\174\330\130\257\051\042  
\227\270\340\275\221\056\260\166\354\127\021\317\357\051\104\363  
\351\205\172\140\143\344\135\063\211\027\331\061\252\332\326\363  
\030\065\162\317\207\053\057\143\043\204\135\204\214\077\127\240  
\210\374\231\221\050\046\151\231\324\217\227\104\276\216\325\110  
\261\244\050\051\361\025\264\341\345\236\335\370\217\246\157\046  
\327\011\074\072\034\021\016\246\154\067\367\255\104\207\054\050  
\307\330\164\202\263\320\157\112\127\273\065\051\047\240\213\350  
\041\247\207\144\066\135\314\330\026\254\307\262\047\100\222\125  
\070\050\215\121\156\335\024\147\123\154\161\134\046\204\115\165  
\132\266\176\140\126\251\115\255\373\233\036\227\363\015\331\322  
\227\124\167\332\075\022\267\340\036\357\010\006\254\371\205\207  
\351\242\334\257\176\030\022\203\375\126\027\101\056\325\051\202  
\175\231\364\061\366\161\251\317\054\001\047\245\005\271\252\262  
\110\116\052\357\237\223\122\121\225\074\122\163\216\126\114\027  
\100\300\011\050\344\213\152\110\123\333\354\315\125\125\361\306  
\370\351\242\054\114\246\321\046\137\176\257\132\114\332\037\246  
\362\034\054\176\256\002\026\322\126\320\057\127\123\107\350\222  
END

```

CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "GeoTrust Universal CA 2"
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 34:FC:B8:D0:36:DB:9E:14:B3:C2:F2:DB:8F:E4:94:C7
# Fingerprint
(SHA1): 37:9A:19:7B:41:85:45:35:0C:A6:03:69:F3:3C:2E:AF:47:4F:20:79
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\067\232\031\173\101\205\105\065\014\246\003\151\363\074\056\257
\107\117\040\171
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\064\374\270\320\066\333\236\024\263\302\362\333\217\344\224\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST
CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Root CA"
#
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

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# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After : Fri Jun 11 10:46:39 2027
# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9
# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_ID UTF8
"0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\014\060\202\001\364\240\003\002\001\002\002\003\001
\000\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103
\101\060\036\027\015\060\062\060\066\061\061\061\060\064\066\063
\071\132\027\015\062\067\060\066\061\061\061\060\064\066\063\071
\132\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\316\261\301\056\323\117\174\315\045\316\030\076\117\304
\214\157\200\152\163\310\133\121\370\233\322\334\273\000\134\261
\240\374\165\003\356\201\360\210\356\043\122\351\346\025\063\215
\254\055\011\305\166\371\053\071\200\211\344\227\113\220\245\250
\170\370\163\103\173\244\141\260\330\130\314\341\154\146\176\234
\363\011\136\125\143\204\325\250\357\363\261\056\060\150\263\304
```

\074\330\254\156\215\231\132\220\116\064\334\066\232\217\201\210  
\120\267\155\226\102\011\363\327\225\203\015\101\113\260\152\153  
\370\374\017\176\142\237\147\304\355\046\137\020\046\017\010\117  
\360\244\127\050\316\217\270\355\105\366\156\356\045\135\252\156  
\071\276\344\223\057\331\107\240\162\353\372\246\133\257\312\123  
\077\342\016\306\226\126\021\156\367\351\146\251\046\330\177\225  
\123\355\012\205\210\272\117\051\245\102\214\136\266\374\205\040  
\000\252\150\013\241\032\205\001\234\304\106\143\202\210\266\042  
\261\356\376\252\106\131\176\317\065\054\325\266\332\135\367\110  
\063\024\124\266\353\331\157\316\315\210\326\253\033\332\226\073  
\035\131\002\003\001\000\001\243\023\060\021\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\270\215\316\357\347\024\272\317\356\260\104\222\154\264\071\076  
\242\204\156\255\270\041\167\322\324\167\202\207\346\040\101\201  
\356\342\370\021\267\143\321\027\067\276\031\166\044\034\004\032  
\114\353\075\252\147\157\055\324\315\376\145\061\160\305\033\246  
\002\012\272\140\173\155\130\302\232\111\376\143\062\013\153\343  
\072\300\254\253\073\260\350\323\011\121\214\020\203\306\064\340  
\305\053\340\032\266\140\024\047\154\062\167\214\274\262\162\230  
\317\315\314\077\271\310\044\102\024\326\127\374\346\046\103\251  
\035\345\200\220\316\003\124\050\076\367\077\323\370\115\355\152  
\012\072\223\023\233\073\024\043\023\143\234\077\321\207\047\171  
\345\114\121\343\001\255\205\135\032\073\261\325\163\020\244\323  
\362\274\156\144\365\132\126\220\250\307\016\114\164\017\056\161  
\073\367\310\107\364\151\157\025\362\021\136\203\036\234\174\122  
\256\375\002\332\022\250\131\147\030\333\274\160\335\233\261\151  
\355\200\316\211\100\110\152\016\065\312\051\146\025\041\224\054  
\350\140\052\233\205\112\100\363\153\212\044\354\006\026\054\163

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Certum Root CA"

# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Serial Number: 65568 (0x10020)

# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Not Valid Before: Tue Jun 11 10:46:39 2002

# Not Valid After : Fri Jun 11 10:46:39 2027

# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9

#

Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "Certum Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
\121\261\201\030
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\054\217\237\146\035\030\220\261\107\046\235\216\206\202\214\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Comodo AAA Services root"
#
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163

```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061  
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145  
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016  
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032  
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040  
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003  
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151  
\143\141\164\145\040\123\145\162\166\151\143\145\163

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\062\060\202\003\032\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033  
\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162  
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006  
\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060  
\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103  
\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125  
\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151\143  
\141\164\145\040\123\145\162\166\151\143\145\163\060\036\027\015  
\060\064\060\061\060\061\060\060\060\060\060\060\132\027\015\062  
\070\061\062\063\061\062\063\065\071\065\071\132\060\173\061\013  
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006  
\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114  
\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\014  
\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145  
\040\123\145\162\166\151\143\145\163\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\276\100\235\364\156\341  
\352\166\207\034\115\105\104\216\276\106\310\203\006\235\301\052  
\376\030\037\216\344\002\372\363\253\135\120\212\026\061\013\232  
\006\320\305\160\042\315\111\055\124\143\314\266\156\150\106\013  
\123\352\313\114\044\300\274\162\116\352\361\025\256\364\124\232  
\022\012\303\172\262\063\140\342\332\211\125\363\042\130\363\336  
\334\317\357\203\206\242\214\224\117\237\150\362\230\220\106\204  
\047\307\166\277\343\314\065\054\213\136\007\144\145\202\300\110  
\260\250\221\371\141\237\166\040\120\250\221\307\146\265\353\170  
\142\003\126\360\212\032\023\352\061\243\036\240\231\375\070\366

\366\047\062\130\157\007\365\153\270\373\024\053\257\267\252\314  
\326\143\137\163\214\332\005\231\250\070\250\313\027\170\066\121  
\254\351\236\364\170\072\215\317\017\331\102\342\230\014\253\057  
\237\016\001\336\357\237\231\111\361\055\337\254\164\115\033\230  
\265\107\305\345\051\321\371\220\030\307\142\234\276\203\307\046  
\173\076\212\045\307\300\335\235\346\065\150\020\040\235\217\330  
\336\322\303\204\234\015\136\350\057\311\002\003\001\000\001\243  
\201\300\060\201\275\060\035\006\003\125\035\016\004\026\004\024  
\240\021\012\043\076\226\361\007\354\342\257\051\357\202\245\177  
\320\060\244\264\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\173\006\003\125\035\037\004\164\060\162  
\060\070\240\066\240\064\206\062\150\164\164\160\072\057\057\143  
\162\154\056\143\157\155\157\144\157\143\141\056\143\157\155\057  
\101\101\101\103\145\162\164\151\146\151\143\141\164\145\123\145  
\162\166\151\143\145\163\056\143\162\154\060\066\240\064\240\062  
\206\060\150\164\164\160\072\057\057\143\162\154\056\143\157\155  
\157\144\157\056\156\145\164\057\101\101\101\103\145\162\164\151  
\146\151\143\141\164\145\123\145\162\166\151\143\145\163\056\143  
\162\154\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\001\001\000\010\126\374\002\360\233\350\377\244\372  
\326\173\306\104\200\316\117\304\305\366\000\130\314\246\266\274  
\024\111\150\004\166\350\346\356\135\354\002\017\140\326\215\120  
\030\117\046\116\001\343\346\260\245\356\277\274\164\124\101\277  
\375\374\022\270\307\117\132\364\211\140\005\177\140\267\005\112  
\363\366\361\302\277\304\271\164\206\266\055\175\153\314\322\363  
\106\335\057\306\340\152\303\303\064\003\054\175\226\335\132\302  
\016\247\012\231\301\005\213\253\014\057\363\134\072\317\154\067  
\125\011\207\336\123\100\154\130\357\374\266\253\145\156\004\366  
\033\334\074\340\132\025\306\236\331\361\131\110\060\041\145\003  
\154\354\351\041\163\354\233\003\241\340\067\255\240\025\030\217  
\372\272\002\316\247\054\251\020\023\054\324\345\010\046\253\042  
\227\140\370\220\136\164\324\242\232\123\275\362\251\150\340\242  
\156\302\327\154\261\243\017\236\277\353\150\347\126\362\256\362  
\343\053\070\072\011\201\265\153\205\327\276\055\355\077\032\267  
\262\143\342\365\142\054\202\324\152\000\101\120\361\071\203\237  
\225\351\066\226\230\156

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Comodo AAA Services root"

# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number: 1 (0x1)

# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Thu Jan 01 00:00:00 2004



```

# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\353\043\244\155\027\326\217\331\045\144\302\361\361\140\027
\144\330\343\111
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\111\171\004\260\353\207\031\254\107\260\274\021\121\233\164\320
END
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA"
#
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number: 985026699 (0x3ab6508b)
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After : Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24
# Fingerprint (SHA1): DE:3F:40:BD:50:93:D3:9B:6C:60:F6:DA:BC:07:62:01:00:89:76:C9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\004\072\266\120\213
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\320\060\202\004\270\240\003\002\001\002\002\004\072
\266\120\213\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\177\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060\043
\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121\165
\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\061\060\063\061\071\061\070\063
\063\063\063\132\027\015\062\061\060\063\061\067\061\070\063\063
\063\063\132\060\177\061\013\060\011\006\003\125\004\006\023\002
\102\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157
```

\126\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060  
\043\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121  
\165\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\277\141\265\225\123\272\127\374\372\362\147  
\013\072\032\337\021\200\144\225\264\321\274\315\172\317\366\051  
\226\056\044\124\100\044\070\367\032\205\334\130\114\313\244\047  
\102\227\320\237\203\212\303\344\006\003\133\000\245\121\036\160  
\004\164\342\301\324\072\253\327\255\073\007\030\005\216\375\203  
\254\352\146\331\030\033\150\212\365\127\032\230\272\365\355\166  
\075\174\331\336\224\152\073\113\027\301\325\217\275\145\070\072  
\225\320\075\125\066\116\337\171\127\061\052\036\330\131\145\111  
\130\040\230\176\253\137\176\237\351\326\115\354\203\164\251\307  
\154\330\356\051\112\205\052\006\024\371\124\346\323\332\145\007  
\213\143\067\022\327\320\354\303\173\040\101\104\243\355\313\240  
\027\341\161\145\316\035\146\061\367\166\001\031\310\175\003\130  
\266\225\111\035\246\022\046\350\306\014\166\340\343\146\313\352  
\135\246\046\356\345\314\137\275\147\247\001\047\016\242\312\124  
\305\261\172\225\035\161\036\112\051\212\003\334\152\105\301\244  
\031\136\157\066\315\303\242\260\267\376\134\070\342\122\274\370  
\104\103\346\220\273\002\003\001\000\001\243\202\002\122\060\202  
\002\116\060\075\006\010\053\006\001\005\005\007\001\001\004\061  
\060\057\060\055\006\010\053\006\001\005\005\007\060\001\206\041  
\150\164\164\160\163\072\057\057\157\143\163\160\056\161\165\157  
\166\141\144\151\163\157\146\146\163\150\157\162\145\056\143\157  
\155\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\202\001\032\006\003\125\035\040\004\202\001\021\060  
\202\001\015\060\202\001\011\006\011\053\006\001\004\001\276\130  
\000\001\060\201\373\060\201\324\006\010\053\006\001\005\005\007  
\002\002\060\201\307\032\201\304\122\145\154\151\141\156\143\145  
\040\157\156\040\164\150\145\040\121\165\157\126\141\144\151\163  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\145\040\142\171\040\141\156\171\040\160\141\162\164\171\040\141  
\163\163\165\155\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\164\150\145\156\040\141\160  
\160\154\151\143\141\142\154\145\040\163\164\141\156\144\141\162  
\144\040\164\145\162\155\163\040\141\156\144\040\143\157\156\144  
\151\164\151\157\156\163\040\157\146\040\165\163\145\054\040\143  
\145\162\164\151\146\151\143\141\164\151\157\156\040\160\162\141  
\143\164\151\143\145\163\054\040\141\156\144\040\164\150\145\040  
\121\165\157\126\141\144\151\163\040\103\145\162\164\151\146\151  
\143\141\164\145\040\120\157\154\151\143\171\056\060\042\006\010  
\053\006\001\005\005\007\002\001\026\026\150\164\164\160\072\057  
\057\167\167\167\056\161\165\157\166\141\144\151\163\056\142\155

\060\035\006\003\125\035\016\004\026\004\024\213\113\155\355\323  
\051\271\006\031\354\071\071\251\360\227\204\152\313\357\337\060  
\201\256\006\003\125\035\043\004\201\246\060\201\243\200\024\213  
\113\155\355\323\051\271\006\031\354\071\071\251\360\227\204\152  
\313\357\337\241\201\204\244\201\201\060\177\061\013\060\011\006  
\003\125\004\006\023\002\102\115\061\031\060\027\006\003\125\004  
\012\023\020\121\165\157\126\141\144\151\163\040\114\151\155\151  
\164\145\144\061\045\060\043\006\003\125\004\013\023\034\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\061\056\060\054\006\003  
\125\004\003\023\045\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\202\004\072\266\120\213  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\212\324\024\265\376\364\232\222\247\031\324\244  
\176\162\030\217\331\150\174\122\044\335\147\157\071\172\304\252  
\136\075\342\130\260\115\160\230\204\141\350\033\343\151\030\016  
\316\373\107\120\240\116\377\360\044\037\275\262\316\365\047\374  
\354\057\123\252\163\173\003\075\164\156\346\026\236\353\245\056  
\304\277\126\047\120\053\142\272\276\113\034\074\125\134\101\035  
\044\276\202\040\107\135\325\104\176\172\026\150\337\175\115\121  
\160\170\127\035\063\036\375\002\231\234\014\315\012\005\117\307  
\273\216\244\165\372\112\155\261\200\216\011\126\271\234\032\140  
\376\135\301\327\172\334\021\170\320\326\135\301\267\325\255\062  
\231\003\072\212\314\124\045\071\061\201\173\023\042\121\272\106  
\154\241\273\236\372\004\154\111\046\164\217\322\163\353\314\060  
\242\346\352\131\042\207\370\227\365\016\375\352\314\222\244\026  
\304\122\030\352\041\316\261\361\346\204\201\345\272\251\206\050  
\362\103\132\135\022\235\254\036\331\250\345\012\152\247\177\240  
\207\051\317\362\211\115\324\354\305\342\346\172\320\066\043\212  
\112\164\066\371

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "QuoVadis Root CA"

# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis Limited,C=BM

# Serial Number: 985026699 (0x3ab6508b)

# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis Limited,C=BM

# Not Valid Before: Mon Mar 19 18:33:33 2001

# Not Valid After : Wed Mar 17 18:33:33 2021

# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24

# Fingerprint (SHA1): DE:3F:40:BD:50:93:D3:9B:6C:60:F6:DA:BC:07:62:01:00:89:76:C9

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE
CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\077\100\275\120\223\323\233\154\140\366\332\274\007\142\001
\000\211\166\311
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\047\336\066\376\162\267\000\003\000\235\364\360\036\154\004\044
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\072\266\120\213
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 2"
#
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\005\011

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\267\060\202\003\237\240\003\002\001\002\002\002\005  
\011\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062\060\036\027\015\060\066\061\061\062  
\064\061\070\062\067\060\060\132\027\015\063\061\061\061\062\064  
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\062\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\232  
\030\312\113\224\015\000\055\257\003\051\212\360\017\201\310\256  
\114\031\205\035\010\237\253\051\104\205\363\057\201\255\062\036  
\220\106\277\243\206\046\032\036\376\176\034\030\072\134\234\140  
\027\052\072\164\203\063\060\175\141\124\021\313\355\253\340\346  
\322\242\176\365\153\157\030\267\012\013\055\375\351\076\357\012  
\306\263\020\351\334\302\106\027\370\135\375\244\332\377\236\111  
\132\234\346\063\346\044\226\367\077\272\133\053\034\172\065\302  
\326\147\376\253\146\120\213\155\050\140\053\357\327\140\303\307  
\223\274\215\066\221\363\177\370\333\021\023\304\234\167\166\301  
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224  
\067\217\110\161\143\042\354\027\145\007\225\212\113\337\217\306  
\132\012\345\260\343\137\136\153\021\253\014\371\205\353\104\351

\370\004\163\362\351\376\134\230\214\365\163\257\153\264\176\315  
\324\134\002\053\114\071\341\262\225\225\055\102\207\327\325\263  
\220\103\267\154\023\361\336\335\366\304\370\211\077\321\165\365  
\222\303\221\325\212\210\320\220\354\334\155\336\211\302\145\161  
\226\213\015\003\375\234\277\133\026\254\222\333\352\376\171\174  
\255\353\257\367\026\313\333\315\045\053\345\037\373\232\237\342  
\121\314\072\123\014\110\346\016\275\311\264\166\006\122\346\021  
\023\205\162\143\003\004\340\004\066\053\040\031\002\350\164\247  
\037\266\311\126\146\360\165\045\334\147\301\016\141\140\210\263  
\076\321\250\374\243\332\035\260\321\261\043\124\337\104\166\155  
\355\101\330\301\262\042\266\123\034\337\065\035\334\241\167\052  
\061\344\055\365\345\345\333\310\340\377\345\200\327\013\143\240  
\377\063\241\017\272\054\025\025\352\227\263\322\242\265\276\362  
\214\226\036\032\217\035\154\244\141\067\271\206\163\063\327\227  
\226\236\043\175\202\244\114\201\342\241\321\272\147\137\225\007  
\243\047\021\356\026\020\173\274\105\112\114\262\004\322\253\357  
\325\375\014\121\316\120\152\010\061\371\221\332\014\217\144\134  
\003\303\072\213\040\077\156\215\147\075\072\326\376\175\133\210  
\311\136\373\314\141\334\213\063\167\323\104\062\065\011\142\004  
\222\026\020\330\236\047\107\373\073\041\343\370\353\035\133\002  
\003\001\000\001\243\201\260\060\201\255\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003\125  
\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\032\204\142\274\110\114\063\045\004\324\356\320\366  
\003\304\031\106\321\224\153\060\156\006\003\125\035\043\004\147  
\060\145\200\024\032\204\142\274\110\114\063\045\004\324\356\320  
\366\003\304\031\106\321\224\153\241\111\244\107\060\105\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023  
\022\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\202\002\005\011\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\002\001\000\076\012\026\115\237  
\006\133\250\256\161\135\057\005\057\147\346\023\105\203\304\066  
\366\363\300\046\014\015\265\107\144\135\370\264\162\311\106\245  
\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347  
\203\370\215\374\007\270\332\137\115\056\147\262\204\375\331\104  
\374\167\120\201\346\174\264\311\015\013\162\123\370\166\007\007  
\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145  
\174\137\347\046\263\367\062\220\230\120\324\067\161\125\366\222  
\041\170\367\225\171\372\370\055\046\207\146\126\060\167\246\067  
\170\063\122\020\130\256\077\141\216\362\152\261\357\030\176\112  
\131\143\312\215\242\126\325\247\057\274\126\037\317\071\301\342  
\373\012\250\025\054\175\115\172\143\306\154\227\104\074\322\157  
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332  
\007\117\251\120\332\220\215\224\106\341\076\360\224\375\020\000  
\070\365\073\350\100\341\264\156\126\032\040\314\157\130\215\355  
\056\105\217\326\351\223\077\347\261\054\337\072\326\042\214\334

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\204\273\042\157\320\370\344\306\071\351\004\210\074\303\272\353
\125\172\155\200\231\044\365\154\001\373\370\227\260\224\133\353
\375\322\157\361\167\150\015\065\144\043\254\270\125\241\003\321
\115\102\031\334\370\165\131\126\243\371\250\111\171\370\257\016
\271\021\240\174\267\152\355\064\320\266\046\142\070\032\207\014
\370\350\375\056\323\220\177\007\221\052\035\326\176\134\205\203
\231\260\070\010\077\351\136\371\065\007\344\311\142\156\127\177
\247\120\225\367\272\310\233\346\216\242\001\305\326\146\277\171
\141\363\074\034\341\271\202\134\135\240\303\351\330\110\275\031
\242\021\024\031\156\262\206\033\150\076\110\067\032\210\267\135
\226\136\234\307\357\047\142\010\342\221\031\134\322\361\041\335
\272\027\102\202\227\161\201\123\061\251\237\366\175\142\277\162
\341\243\223\035\314\212\046\132\011\070\320\316\327\015\200\026
\264\170\245\072\207\114\215\212\245\325\106\227\362\054\020\271
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332
\361\343\261\357\337\221\217\124\052\013\045\301\046\031\304\122
\020\005\145\325\202\020\352\302\061\315\056
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "QuoVadis Root CA 2"

# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM

# Serial Number: 1289 (0x509)

# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM

# Not Valid Before: Fri Nov 24 18:27:00 2006

# Not Valid After : Mon Nov 24 18:23:33 2031

# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B

# Fingerprint

(SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\312\072\373\317\022\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
```



```

\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3"
#
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 19:11:23 2006
# Not Valid After : Mon Nov 24 19:06:44 2031
# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\306
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005  
\306\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063\060\036\027\015\060\066\061\061\062  
\064\061\071\061\061\062\063\132\027\015\063\061\061\061\062\064  
\061\071\060\066\064\064\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\063\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\314  
\127\102\026\124\234\346\230\323\323\115\356\376\355\307\237\103  
\071\112\145\263\350\026\210\064\333\015\131\221\164\317\222\270  
\004\100\255\002\113\061\253\274\215\221\150\330\040\016\032\001  
\342\032\173\116\027\135\342\212\267\077\231\032\315\353\141\253  
\302\145\246\037\267\267\275\267\217\374\375\160\217\013\240\147  
\276\001\242\131\317\161\346\017\051\166\377\261\126\171\105\053  
\037\236\172\124\350\243\051\065\150\244\001\117\017\244\056\067  
\357\033\277\343\217\020\250\162\253\130\127\347\124\206\310\311  
\363\133\332\054\332\135\216\156\074\243\076\332\373\202\345\335  
\362\134\262\005\063\157\212\066\316\320\023\116\377\277\112\014  
\064\114\246\303\041\275\120\004\125\353\261\273\235\373\105\036  
\144\025\336\125\001\214\002\166\265\313\241\077\102\151\274\057  
\275\150\103\026\126\211\052\067\141\221\375\246\256\116\300\313  
\024\145\224\067\113\222\006\357\004\320\310\234\210\333\013\173  
\201\257\261\075\052\304\145\072\170\266\356\334\200\261\322\323  
\231\234\072\356\153\132\153\263\215\267\325\316\234\302\276\245  
\113\057\026\261\236\150\073\006\157\256\175\237\370\336\354\314  
\051\247\230\243\045\103\057\357\361\137\046\341\210\115\370\136  
\156\327\331\024\156\031\063\151\247\073\204\211\223\304\123\125  
\023\241\121\170\100\370\270\311\242\356\173\272\122\102\203\236  
\024\355\005\122\132\131\126\247\227\374\235\077\012\051\330\334  
\117\221\016\023\274\336\225\244\337\213\231\276\254\233\063\210  
\357\265\201\257\033\306\042\123\310\366\307\356\227\024\260\305  
\174\170\122\310\360\316\156\167\140\204\246\351\052\166\040\355  
\130\001\027\060\223\351\032\213\340\163\143\331\152\222\224\111  
\116\264\255\112\205\304\243\042\060\374\011\355\150\042\163\246  
\210\014\125\041\130\305\341\072\237\052\335\312\341\220\340\331  
\163\253\154\200\270\350\013\144\223\240\234\214\031\377\263\322  
\014\354\221\046\207\212\263\242\341\160\217\054\012\345\315\155  
\150\121\353\332\077\005\177\213\062\346\023\134\153\376\137\100  
\342\042\310\264\264\144\117\326\272\175\110\076\250\151\014\327  
\273\206\161\311\163\270\077\073\235\045\113\332\377\100\353\002  
\003\001\000\001\243\202\001\225\060\202\001\221\060\017\006\003

\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\341  
\006\003\125\035\040\004\201\331\060\201\326\060\201\323\006\011  
\053\006\001\004\001\276\130\000\003\060\201\305\060\201\223\006  
\010\053\006\001\005\005\007\002\002\060\201\206\032\201\203\101  
\156\171\040\165\163\145\040\157\146\040\164\150\151\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\143\157\156\163\164  
\151\164\165\164\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\121\165\157\126\141\144\151  
\163\040\122\157\157\164\040\103\101\040\063\040\103\145\162\164  
\151\146\151\143\141\164\145\040\120\157\154\151\143\171\040\057  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\120  
\162\141\143\164\151\143\145\040\123\164\141\164\145\155\145\156  
\164\056\060\055\006\010\053\006\001\005\005\007\002\001\026\041  
\150\164\164\160\072\057\057\167\167\167\056\161\165\157\166\141  
\144\151\163\147\154\157\142\141\154\056\143\157\155\057\143\160  
\163\060\013\006\003\125\035\017\004\004\003\002\001\006\060\035  
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\003\125\035\043\004\147\060\145\200\024\362\300\023\340\202\103  
\076\373\356\057\147\062\226\065\134\333\270\313\002\320\241\111  
\244\107\060\105\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\033\060\031  
\006\003\125\004\003\023\022\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\063\202\002\005\306\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\117\255\240\054\114\372\300\362\157\367\146\125\253\043\064  
\356\347\051\332\303\133\266\260\203\331\320\320\342\041\373\363  
\140\247\073\135\140\123\047\242\233\366\010\042\052\347\277\240  
\162\345\234\044\152\061\261\220\172\047\333\204\021\211\047\246  
\167\132\070\327\277\254\206\374\356\135\203\274\006\306\321\167  
\153\017\155\044\057\113\172\154\247\007\226\312\343\204\237\255  
\210\213\035\253\026\215\133\146\027\331\026\364\213\200\322\335  
\370\262\166\303\374\070\023\252\014\336\102\151\053\156\363\074  
\353\200\047\333\365\246\104\015\237\132\125\131\013\325\015\122  
\110\305\256\237\362\057\200\305\352\062\120\065\022\227\056\301  
\341\377\361\043\210\121\070\237\362\146\126\166\347\017\121\227  
\245\122\014\115\111\121\225\066\075\277\242\113\014\020\035\206  
\231\114\252\363\162\021\223\344\352\366\233\332\250\135\247\115  
\267\236\002\256\163\000\310\332\043\003\350\371\352\031\164\142  
\000\224\313\042\040\276\224\247\131\265\202\152\276\231\171\172  
\251\362\112\044\122\367\164\375\272\116\346\250\035\002\156\261  
\015\200\104\301\256\323\043\067\137\273\205\174\053\222\056\350  
\176\245\213\335\231\341\277\047\157\055\135\252\173\207\376\012  
\335\113\374\216\365\046\344\156\160\102\156\063\354\061\236\173  
\223\301\344\311\151\032\075\300\153\116\042\155\356\253\130\115  
\306\320\101\301\053\352\117\022\207\136\353\105\330\154\365\230  
\002\323\240\330\125\212\006\231\031\242\240\167\321\060\236\254

```
\314\165\356\203\365\260\142\071\317\154\127\342\114\322\221\013
\016\165\050\033\232\277\375\032\103\361\312\167\373\073\217\141
\270\151\050\026\102\004\136\160\052\034\041\330\217\341\275\043
\133\055\164\100\222\331\143\031\015\163\335\151\274\142\107\274
\340\164\053\262\353\175\276\101\033\265\300\106\305\241\042\313
\137\116\301\050\222\336\030\272\325\052\050\273\021\213\027\223
\230\231\140\224\134\043\317\132\047\227\136\013\005\006\223\067
\036\073\151\066\353\251\236\141\035\217\062\332\216\014\326\164
\076\173\011\044\332\001\167\107\304\073\315\064\214\231\365\312
\341\045\141\063\262\131\033\342\156\327\067\127\266\015\251\022
\332
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "QuoVadis Root CA 3"

# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM

# Serial Number: 1478 (0x5c6)

# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM

# Not Valid Before: Fri Nov 24 19:11:23 2006

# Not Valid After : Mon Nov 24 19:06:44 2031

# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF

# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\002\005\306
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#  
# Certificate "Security Communication Root CA"  
#  
# Issuer: OU=Security Communication RootCA1,O=SECOM  
Trust.net,C=JP  
# Serial Number: 0 (0x0)  
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP  
# Not Valid Before: Tue Sep 30 04:20:49 2003  
# Not Valid After : Sat Sep 30 04:20:49 2023  
# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A  
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7  
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE  
CKA_TOKEN CK_BBOOL CK_TRUE  
CKA_PRIVATE CK_BBOOL CK_FALSE  
CKA_MODIFIABLE CK_BBOOL CK_FALSE  
CKA_LABEL UTF8 "Security Communication Root CA"  
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509  
CKA_SUBJECT MULTILINE_OCTAL  
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040  
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125  
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155  
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103  
\101\061  
END  
CKA_ID UTF8 "0"  
CKA_ISSUER MULTILINE_OCTAL  
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040  
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125  
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155  
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103  
\101\061  
END  
CKA_SERIAL_NUMBER  
MULTILINE_OCTAL  
\002\001\000  
END  
CKA_VALUE MULTILINE_OCTAL  
\060\202\003\132\060\202\002\102\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030  
\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040\124
```

\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125\004  
\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155\155  
\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103\101  
\061\060\036\027\015\060\063\060\071\063\060\060\064\062\060\064  
\071\132\027\015\062\063\060\071\063\060\060\064\062\060\064\071  
\132\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120  
\061\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115  
\040\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003  
\125\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157  
\155\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164  
\103\101\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\263\263\376\177\323\155\261\357\026\174\127\245  
\014\155\166\212\057\113\277\144\373\114\356\212\360\363\051\174  
\365\377\356\052\340\351\351\272\133\144\042\232\232\157\054\072  
\046\151\121\005\231\046\334\325\034\152\161\306\232\175\036\235  
\335\174\154\306\214\147\147\112\076\370\161\260\031\047\251\011  
\014\246\225\277\113\214\014\372\125\230\073\330\350\042\241\113  
\161\070\171\254\227\222\151\263\211\176\352\041\150\006\230\024  
\226\207\322\141\066\274\155\047\126\236\127\356\300\300\126\375  
\062\317\244\331\216\302\043\327\215\250\363\330\045\254\227\344  
\160\070\364\266\072\264\235\073\227\046\103\243\241\274\111\131  
\162\114\043\060\207\001\130\366\116\276\034\150\126\146\257\315  
\101\135\310\263\115\052\125\106\253\037\332\036\342\100\075\333  
\315\175\271\222\200\234\067\335\014\226\144\235\334\042\367\144  
\213\337\141\336\025\224\122\025\240\175\122\311\113\250\041\311  
\306\261\355\313\303\225\140\321\017\360\253\160\370\337\313\115  
\176\354\326\372\253\331\275\177\124\362\245\351\171\372\331\326  
\166\044\050\163\002\003\001\000\001\243\077\060\075\060\035\006  
\003\125\035\016\004\026\004\024\240\163\111\231\150\334\205\133  
\145\343\233\050\057\127\237\275\063\274\007\110\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\150\100  
\251\250\273\344\117\135\171\263\005\265\027\263\140\023\353\306  
\222\135\340\321\323\152\376\373\276\233\155\277\307\005\155\131  
\040\304\034\360\267\332\204\130\002\143\372\110\026\357\117\245  
\013\367\112\230\362\077\236\033\255\107\153\143\316\010\107\353  
\122\077\170\234\257\115\256\370\325\117\317\232\230\052\020\101  
\071\122\304\335\331\233\016\357\223\001\256\262\056\312\150\102  
\044\102\154\260\263\072\076\315\351\332\110\304\025\313\351\371  
\007\017\222\120\111\212\335\061\227\137\311\351\067\252\073\131  
\145\227\224\062\311\263\237\076\072\142\130\305\111\255\142\016  
\161\245\062\252\057\306\211\166\103\100\023\023\147\075\242\124  
\045\020\313\361\072\362\331\372\333\111\126\273\246\376\247\101  
\065\303\340\210\141\311\210\307\337\066\020\042\230\131\352\260  
\112\373\126\026\163\156\254\115\367\042\241\117\255\035\172\055  
\105\047\345\060\301\136\362\332\023\313\045\102\121\225\107\003

\214\154\041\314\164\102\355\123\377\063\213\217\017\127\001\026

\057\317\246\356\311\160\042\024\275\375\276\154\013\003

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

# Trust for Certificate "Security Communication Root CA"

# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP

# Not Valid Before: Tue Sep 30 04:20:49 2003

# Not Valid After : Sat Sep 30 04:20:49 2023

# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A

# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Security Communication Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217

\135\254\262\367

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061

\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040

\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125

\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155

\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103

\101\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Sonera Class 2 Root CA"

```
#
# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI
# Serial Number: 29 (0x1d)
# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI
# Not Valid Before: Fri Apr 06 07:29:40 2001
# Not Valid After : Tue Apr 06 07:29:40 2021
# Fingerprint (MD5): A3:EC:75:0F:2E:88:DF:FA:48:01:4E:0B:5C:48:6F:FB
# Fingerprint (SHA1): 37:F7:6D:E6:07:7C:90:C5:B1:3E:93:1A:B7:41:10:B4:F2:E4:9A:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN
CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Sonera Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\040\060\202\002\010\240\003\002\001\002\002\001\035
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061\017
\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141\061
\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162\141
\040\103\154\141\163\163\062\040\103\101\060\036\027\015\060\061
\060\064\060\066\060\067\062\071\064\060\132\027\015\062\061\060
\064\060\066\060\067\062\071\064\060\132\060\071\061\013\060\011
\006\003\125\004\006\023\002\106\111\061\017\060\015\006\003\125
\004\012\023\006\123\157\156\145\162\141\061\031\060\027\006\003
\125\004\003\023\020\123\157\156\145\162\141\040\103\154\141\163
\163\062\040\103\101\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\220\027\112\065\235\312\360\015\226\307
\104\372\026\067\374\110\275\275\177\200\055\065\073\341\157\250
\147\251\277\003\034\115\214\157\062\107\325\101\150\244\023\004
```



\301\065\014\232\204\103\374\134\035\377\211\263\350\027\030\315  
\221\137\373\211\343\352\277\116\135\174\033\046\323\165\171\355  
\346\204\343\127\345\255\051\304\364\072\050\347\245\173\204\066  
\151\263\375\136\166\275\243\055\231\323\220\116\043\050\175\030  
\143\361\124\073\046\235\166\133\227\102\262\377\256\360\116\354  
\335\071\225\116\203\006\177\347\111\100\310\305\001\262\124\132  
\146\035\075\374\371\351\074\012\236\201\270\160\360\001\213\344  
\043\124\174\310\256\370\220\036\000\226\162\324\124\317\141\043  
\274\352\373\235\002\225\321\266\271\161\072\151\010\077\017\264  
\341\102\307\210\365\077\230\250\247\272\034\340\161\161\357\130  
\127\201\120\172\134\153\164\106\016\203\003\230\303\216\250\156  
\362\166\062\156\047\203\302\163\363\334\030\350\264\223\352\165  
\104\153\004\140\040\161\127\207\235\363\276\240\220\043\075\212  
\044\341\332\041\333\303\002\003\001\000\001\243\063\060\061\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\021\006\003\125\035\016\004\012\004\010\112\240\252\130\204  
\323\136\074\060\013\006\003\125\035\017\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\132\316\207\371\026\162\025\127\113\035\331\233  
\347\242\046\060\354\223\147\337\326\055\322\064\257\367\070\245  
\316\253\026\271\253\057\174\065\313\254\320\017\264\114\053\374  
\200\357\153\214\221\137\066\166\367\333\263\033\031\352\364\262  
\021\375\141\161\104\277\050\263\072\035\277\263\103\350\237\277  
\334\061\010\161\260\235\215\326\064\107\062\220\306\145\044\367  
\240\112\174\004\163\217\071\157\027\214\162\265\275\113\310\172  
\370\173\203\303\050\116\234\011\352\147\077\262\147\004\033\303  
\024\332\370\347\111\044\221\320\035\152\372\141\071\357\153\347  
\041\165\006\007\330\022\264\041\040\160\102\161\201\332\074\232  
\066\276\246\133\015\152\154\232\037\221\173\371\371\357\102\272  
\116\116\236\314\014\215\224\334\331\105\234\136\354\102\120\143  
\256\364\135\304\261\022\334\312\073\250\056\235\024\132\005\165  
\267\354\327\143\342\272\065\266\004\010\221\350\332\235\234\366  
\146\265\030\254\012\246\124\046\064\063\322\033\301\324\177\032  
\072\216\013\252\062\156\333\374\117\045\237\331\062\307\226\132  
\160\254\337\114

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Sonera Class 2 Root CA"

# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI

# Serial Number: 29 (0x1d)

# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI

# Not Valid Before: Fri Apr 06 07:29:40 2001

# Not Valid After : Tue Apr 06 07:29:40 2021

# Fingerprint (MD5): A3:EC:75:0F:2E:88:DF:FA:48:01:4E:0B:5C:48:6F:FB

```
# Fingerprint (SHA1): 37:F7:6D:E6:07:7C:90:C5:B1:3E:93:1A:B7:41:10:B4:F2:E4:9A:27
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Sonera Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\067\367\155\346\007\174\220\305\261\076\223\032\267\101\020\264
\362\344\232\047
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\243\354\165\017\056\210\337\372\110\001\116\013\134\110\157\373
END
CKA_ISSUER
MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Camerfirma Chambers of Commerce Root"
#
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84
#
Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\275\060\202\003\245\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060\040  
\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163\040  
\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157\164  
\060\036\027\015\060\063\060\071\063\060\061\066\061\063\064\063  
\132\027\015\063\067\060\071\063\060\061\066\061\063\064\064\132  
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\060\202\001\040\060\015\006\011\052\206\110\206\367\015\001

\001\001\005\000\003\202\001\015\000\060\202\001\010\002\202\001  
\001\000\267\066\125\345\245\135\030\060\340\332\211\124\221\374  
\310\307\122\370\057\120\331\357\261\165\163\145\107\175\033\133  
\272\165\305\374\241\210\044\372\057\355\312\010\112\071\124\304  
\121\172\265\332\140\352\070\074\201\262\313\361\273\331\221\043  
\077\110\001\160\165\251\005\052\255\037\161\363\311\124\075\035  
\006\152\100\076\263\014\205\356\134\033\171\302\142\304\270\066  
\216\065\135\001\014\043\004\107\065\252\233\140\116\240\146\075  
\313\046\012\234\100\241\364\135\230\277\161\253\245\000\150\052  
\355\203\172\017\242\024\265\324\042\263\200\260\074\014\132\121  
\151\055\130\030\217\355\231\236\361\256\342\225\346\366\107\250  
\326\014\017\260\130\130\333\303\146\067\236\233\221\124\063\067  
\322\224\034\152\110\311\311\362\245\332\245\014\043\367\043\016  
\234\062\125\136\161\234\204\005\121\232\055\375\346\116\052\064  
\132\336\312\100\067\147\014\124\041\125\167\332\012\014\314\227  
\256\200\334\224\066\112\364\076\316\066\023\036\123\344\254\116  
\072\005\354\333\256\162\234\070\213\320\071\073\211\012\076\167  
\376\165\002\001\003\243\202\001\104\060\202\001\100\060\022\006  
\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001  
\014\060\074\006\003\125\035\037\004\065\060\063\060\061\240\057  
\240\055\206\053\150\164\164\160\072\057\057\143\162\154\056\143  
\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057\143  
\150\141\155\142\145\162\163\162\157\157\164\056\143\162\154\060  
\035\006\003\125\035\016\004\026\004\024\343\224\365\261\115\351  
\333\241\051\133\127\213\115\166\006\166\341\321\242\212\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021  
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000  
\007\060\047\006\003\125\035\021\004\040\060\036\201\034\143\150  
\141\155\142\145\162\163\162\157\157\164\100\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\060\047\006\003\125\035  
\022\004\040\060\036\201\034\143\150\141\155\142\145\162\163\162  
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056  
\157\162\147\060\130\006\003\125\035\040\004\121\060\117\060\115  
\006\013\053\006\001\004\001\201\207\056\012\003\001\060\076\060  
\074\006\010\053\006\001\005\005\007\002\001\026\060\150\164\164  
\160\072\057\057\143\160\163\056\143\150\141\155\142\145\162\163  
\151\147\156\056\157\162\147\057\143\160\163\057\143\150\141\155  
\142\145\162\163\162\157\157\164\056\150\164\155\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\014\101\227\302\032\206\300\042\174\237\373\220\363\032\321  
\003\261\357\023\371\041\137\004\234\332\311\245\215\047\154\226  
\207\221\276\101\220\001\162\223\347\036\175\137\366\211\306\135  
\247\100\011\075\254\111\105\105\334\056\215\060\150\262\011\272  
\373\303\057\314\272\013\337\077\167\173\106\175\072\022\044\216  
\226\217\074\005\012\157\322\224\050\035\155\014\300\056\210\042  
\325\330\317\035\023\307\360\110\327\327\005\247\317\307\107\236  
\073\074\064\310\200\117\324\024\273\374\015\120\367\372\263\354  
\102\137\251\335\155\310\364\165\317\173\301\162\046\261\001\034

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\134\054\375\172\116\264\001\305\005\127\271\347\074\252\005\331
\210\351\007\106\101\316\357\101\201\256\130\337\203\242\256\312
\327\167\037\347\000\074\235\157\216\344\062\011\035\115\170\064
\170\064\074\224\233\046\355\117\161\306\031\172\275\040\042\110
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370
\334
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Camerfirma Chambers of Commerce Root"

# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:13:43 2003

# Not Valid After :

Wed Sep 30 16:13:44 2037

# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84

# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Chambers of Commerce Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\260\001\356\024\331\257\051\030\224\166\216\361\151\063\052\204
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
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END

```

CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Global Chambersign Root"
#
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:14:18 2003
# Not Valid After : Wed Sep 30 16:14:18 2037
# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL
CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\305\060\202\003\255\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036  
\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\060\036  
\027\015\060\063\060\071\063\060\061\066\061\064\061\070\132\027  
\015\063\067\060\071\063\060\061\066\061\064\061\070\132\060\175  
\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047\060  
\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145\162  
\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070\062  
\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013\023  
\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141\155  
\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036\006  
\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150\141  
\155\142\145\162\163\151\147\156\040\122\157\157\164\060\202\001  
\040\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\001\015\000\060\202\001\010\002\202\001\001\000\242\160  
\242\320\237\102\256\133\027\307\330\175\317\024\203\374\117\311  
\241\267\023\257\212\327\236\076\004\012\222\213\140\126\372\264  
\062\057\210\115\241\140\010\364\267\011\116\240\111\057\111\326  
\323\337\235\227\132\237\224\004\160\354\077\131\331\267\314\146  
\213\230\122\050\011\002\337\305\057\204\215\172\227\167\277\354  
\100\235\045\162\253\265\077\062\230\373\267\267\374\162\204\345  
\065\207\371\125\372\243\037\016\157\056\050\335\151\240\331\102  
\020\306\370\265\104\302\320\103\177\333\274\344\242\074\152\125  
\170\012\167\251\330\352\031\062\267\057\376\134\077\033\356\261  
\230\354\312\255\172\151\105\343\226\017\125\366\346\355\165\352  
\145\350\062\126\223\106\211\250\045\212\145\006\356\153\277\171  
\007\320\361\267\257\355\054\115\222\273\300\250\137\247\147\175  
\004\362\025\010\160\254\222\326\175\004\322\063\373\114\266\013  
\013\373\032\311\304\215\003\251\176\134\362\120\253\022\245\241  
\317\110\120\245\357\322\310\032\023\372\260\177\261\202\034\167  
\152\017\137\334\013\225\217\357\103\176\346\105\011\045\002\001  
\003\243\202\001\120\060\202\001\114\060\022\006\003\125\035\023  
\001\001\377\004\010\060\006\001\001\377\002\001\014\060\077\006  
\003\125\035\037\004\070\060\066\060\064\240\062\240\060\206\056  
\150\164\164\160\072\057\057\143\162\154\056\143\150\141\155\142

\145\162\163\151\147\156\056\157\162\147\057\143\150\141\155\142  
\145\162\163\151\147\156\162\157\157\164\056\143\162\154\060\035  
\006\003\125\035\016\004\026\004\024\103\234\066\237\260\236\060  
\115\306\316\137\255\020\253\345\003\245\372\251\024\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006  
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007  
\060\052\006\003\125\035\021\004\043\060\041\201\037\143\150\141  
\155\142\145\162\163\151\147\156\162\157\157\164\100\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\060\052\006\003  
\125\035\022\004\043\060\041\201\037\143\150\141\155\142\145\162  
\163\151\147\156\162\157\157\164\100\143\150\141\155\142\145\162  
\163\151\147\156\056\157\162\147\060\133\006\003\125\035\040\004  
\124\060\122\060\120\006\013\053\006\001\004\001\201\207\056\012  
\001\001\060\101\060\077\006\010\053\006\001\005\005\007\002\001  
\026\063\150\164\164\160\072\057\057\143\160\163\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\057\143\160\163  
\057\143\150\141\155\142\145\162\163\151\147\156\162\157\157\164  
\056\150\164\155\154\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\074\073\160\221\371\004\124  
\047\221\341\355\355\376\150\177\141\135\345\101\145\117\062\361  
\030\005\224\152\034\336\037\160\333\076\173\062\002\064\265\014  
\154\241\212\174\245\364\217\377\324\330\255\027\325\055\004\321  
\077\130\200\342\201\131\210\276\300\343\106\223\044\376\220\275  
\046\242\060\055\350\227\046\127\065\211\164\226\030\366\025\342  
\257\044\031\126\002\002\262\272\017\024\352\306\212\146\301\206  
\105\125\213\276\222\276\234\244\004\307\111\074\236\350\051\172  
\211\327\376\257\377\150\365\245\027\220\275\254\231\314\245\206  
\127\011\147\106\333\326\026\302\106\361\344\251\120\365\217\321  
\222\025\323\137\076\306\000\111\072\156\130\262\321\321\047\015  
\045\310\062\370\040\021\315\175\062\063\110\224\124\114\335\334  
\171\304\060\237\353\216\270\125\265\327\210\134\305\152\044\075  
\262\323\005\003\121\306\007\357\314\024\162\164\075\156\162\316  
\030\050\214\112\240\167\345\011\053\105\104\107\254\267\147\177  
\001\212\005\132\223\276\241\301\377\370\347\016\147\244\107\111  
\166\135\165\220\032\365\046\217\360

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Camerfirma Global Chambersign Root"

# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:14:18 2003



```
# Not Valid After : Wed Sep 30 16:14:18 2037
# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057
\303\322\330\351
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031
END
CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "XRamp Global CA Root"
#
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1
# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERTIFICATE_TYPE
CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\060\060\202\003\030\240\003\002\001\002\002\020\120
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\202\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123
\145\143\165\162\151\164\171\040\123\145\162\166\151\143\145\163
\040\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130
\122\141\155\160\040\107\154\157\142\141\154\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\064\061\061\060\061\061\067\061
\064\060\064\132\027\015\063\065\060\061\060\061\060\065\063\067
```

\061\071\132\060\201\202\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\036\060\034\006\003\125\004\013\023\025\167\167  
\167\056\170\162\141\155\160\163\145\143\165\162\151\164\171\056  
\143\157\155\061\044\060\042\006\003\125\004\012\023\033\130\122  
\141\155\160\040\123\145\143\165\162\151\164\171\040\123\145\162  
\166\151\143\145\163\040\111\156\143\061\055\060\053\006\003\125  
\004\003\023\044\130\122\141\155\160\040\107\154\157\142\141\154  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\230\044\036\275\025\264\272  
\337\307\214\245\047\266\070\013\151\363\266\116\250\054\056\041  
\035\134\104\337\041\135\176\043\164\376\136\176\264\112\267\246  
\255\037\256\340\006\026\342\233\133\331\147\164\153\135\200\217  
\051\235\206\033\331\234\015\230\155\166\020\050\130\344\145\260  
\177\112\230\171\237\340\303\061\176\200\053\265\214\300\100\073  
\021\206\320\313\242\206\066\140\244\325\060\202\155\331\156\320  
\017\022\004\063\227\137\117\141\132\360\344\371\221\253\347\035  
\073\274\350\317\364\153\055\064\174\342\110\141\034\216\363\141  
\104\314\157\240\112\251\224\260\115\332\347\251\064\172\162\070  
\250\101\314\074\224\021\175\353\310\246\214\267\206\313\312\063  
\073\331\075\067\213\373\172\076\206\054\347\163\327\012\127\254  
\144\233\031\353\364\017\004\010\212\254\003\027\031\144\364\132  
\045\042\215\064\054\262\366\150\035\022\155\323\212\036\024\332  
\304\217\246\342\043\205\325\172\015\275\152\340\351\354\354\027  
\273\102\033\147\252\045\355\105\203\041\374\301\311\174\325\142  
\076\372\362\305\055\323\375\324\145\002\003\001\000\001\243\201  
\237\060\201\234\060\023\006\011\053\006\001\004\001\202\067\024  
\002\004\006\036\004\000\103\000\101\060\013\006\003\125\035\017  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\306\117\242\075\006\143\204\011\234\316\142\344\004\254  
\215\134\265\351\266\033\060\066\006\003\125\035\037\004\057\060  
\055\060\053\240\051\240\047\206\045\150\164\164\160\072\057\057  
\143\162\154\056\170\162\141\155\160\163\145\143\165\162\151\164  
\171\056\143\157\155\057\130\107\103\101\056\143\162\154\060\020  
\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\221\025\071\003\001\033\147\373\112\034\371\012  
\140\133\241\332\115\227\142\371\044\123\047\327\202\144\116\220  
\056\303\111\033\053\232\334\374\250\170\147\065\361\035\360\021  
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110  
\272\002\333\336\131\056\025\133\073\235\026\175\107\327\067\352  
\137\115\166\022\066\273\037\327\241\201\004\106\040\243\054\155  
\251\236\001\176\077\051\316\000\223\337\375\311\222\163\211\211  
\144\236\347\053\344\034\221\054\322\271\316\175\316\157\061\231  
\323\346\276\322\036\220\360\011\024\171\134\043\253\115\322\332  
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260

```
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273
\176\034\033\333\152\200\017\041\274\351\333\246\267\100\364\262
\213\251\261\344\357\232\032\320\075\151\231\356\250\050\243\341
\074\263\360\262\021\234\317\174\100\346\335\347\103\175\242\330
\072\265\251\215\362\064\231\304\324\020\341\006\375\011\204\020
\073\356\304\114\364\354\047\174\102\302\164\174\202\212\011\311
\264\003\045\274
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "XRamp Global CA Root"

# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US

#

Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad

# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US

# Not Valid Before: Mon Nov 01 17:14:04 2004

# Not Valid After : Mon Jan 01 05:37:19 2035

# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1

# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "XRamp Global CA Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\270\001\206\321\353\234\206\245\101\004\317\060\124\363\114\122
\267\345\130\306
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER

```

MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Go Daddy Class 2 CA"
#
# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Not Valid Before: Tue Jun 29
    17:06:20 2004
# Not Valid After : Thu Jun 29 17:06:20 2034
# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67
# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\000

```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\000\060\202\002\350\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041  
\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157\040  
\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156\143  
\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040\104  
\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\036\027\015\060\064\060\066\062\071\061\067  
\060\066\062\060\132\027\015\063\064\060\066\062\071\061\067\060  
\066\062\060\132\060\143\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\041\060\037\006\003\125\004\012\023\030\124\150  
\145\040\107\157\040\104\141\144\144\171\040\107\162\157\165\160  
\054\040\111\156\143\056\061\061\060\057\006\003\125\004\013\023  
\050\107\157\040\104\141\144\144\171\040\103\154\141\163\163\040  
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\202\001\040\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\015  
\000\060\202\001\010\002\202\001\001\000\336\235\327\352\127\030  
\111\241\133\353\327\137\110\206\352\276\335\377\344\357\147\034  
\364\145\150\263\127\161\240\136\167\273\355\233\111\351\160\200  
\075\126\030\143\010\157\332\362\314\320\077\177\002\124\042\124  
\020\330\262\201\324\300\165\075\113\177\307\167\303\076\170\253  
\032\003\265\040\153\057\152\053\261\305\210\176\304\273\036\260  
\301\330\105\047\157\252\067\130\367\207\046\327\330\055\366\251  
\027\267\037\162\066\116\246\027\077\145\230\222\333\052\156\135  
\242\376\210\340\013\336\177\345\215\025\341\353\313\072\325\342  
\022\242\023\055\330\216\257\137\022\075\240\010\005\010\266\134  
\245\145\070\004\105\231\036\243\140\140\164\305\101\245\162\142  
\033\142\305\037\157\137\032\102\276\002\121\145\250\256\043\030  
\152\374\170\003\251\115\177\200\303\372\253\132\374\241\100\244  
\312\031\026\376\262\310\357\136\163\015\356\167\275\232\366\171  
\230\274\261\007\147\242\025\015\335\240\130\306\104\173\012\076  
\142\050\137\272\101\007\123\130\317\021\176\070\164\305\370\377  
\265\151\220\217\204\164\352\227\033\257\002\001\003\243\201\300  
\060\201\275\060\035\006\003\125\035\016\004\026\004\024\322\304  
\260\322\221\324\114\021\161\263\141\313\075\241\376\335\250\152  
\324\343\060\201\215\006\003\125\035\043\004\201\205\060\201\202  
\200\024\322\304\260\322\221\324\114\021\161\263\141\313\075\241  
\376\335\250\152\324\343\241\147\244\145\060\143\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125  
\004\012\023\030\124\150\145\040\107\157\040\104\141\144\144\171  
\040\107\162\157\165\160\054\040\111\156\143\056\061\061\060\057  
\006\003\125\004\013\023\050\107\157\040\104\141\144\144\171\040  
\103\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202

```
\001\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\062\113\363\262\312\076\221\374\022\306\241\007
\214\216\167\240\063\006\024\134\220\036\030\367\010\246\075\012
\031\371\207\200\021\156\151\344\226\027\060\377\064\221\143\162
\070\356\314\034\001\243\035\224\050\244\061\366\172\304\124\327
\366\345\061\130\003\242\314\316\142\333\224\105\163\265\277\105
\311\044\265\325\202\002\255\043\171\151\215\270\266\115\316\317
\114\312\063\043\350\034\210\252\235\213\101\156\026\311\040\345
\211\236\315\073\332\160\367\176\231\046\040\024\124\045\253\156
\163\205\346\233\041\235\012\154\202\016\250\370\302\014\372\020
\036\154\226\357\207\015\304\017\141\213\255\356\203\053\225\370
\216\222\204\162\071\353\040\352\203\355\203\315\227\156\010\274
\353\116\046\266\163\053\344\323\366\114\376\046\161\342\141\021
\164\112\377\127\032\207\017\165\110\056\317\121\151\027\240\002
\022\141\225\325\321\100\262\020\114\356\304\254\020\103\246\245
\236\012\325\225\142\232\015\317\210\202\305\062\014\344\053\237
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035
\177\333\275\237
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Go Daddy Class 2 CA"

# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

# Serial Number: 0 (0x0)

# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

# Not Valid Before: Tue

Jun 29 17:06:20 2004

# Not Valid After : Thu Jun 29 17:06:20 2034

# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67

# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Class 2 CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002
\217\040\356\344
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\001\000
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END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Starfield Class 2 CA"

#

# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

# Serial Number: 0 (0x0)

# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

# Not Valid Before: Tue Jun 29 17:39:16 2004

# Not Valid After : Thu Jun 29 17:39:16 2034

# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24

# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Class 2 CA"

CKA\_CERTIFICATE\_TYPE

CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
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\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163  
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171  
END  
CKA\_SERIAL\_NUMBER  
MULTILINE\_OCTAL  
\002\001\000  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061\045  
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145  
\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163\054  
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023\051  
\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163\040  
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\036\027\015\060\064\060  
\066\062\071\061\067\063\071\061\066\132\027\015\063\064\060\066  
\062\071\061\067\063\071\061\066\132\060\150\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\045\060\043\006\003\125\004  
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143  
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061  
\062\060\060\006\003\125\004\013\023\051\123\164\141\162\146\151  
\145\154\144\040\103\154\141\163\163\040\062\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\202\001\040\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\015\000\060\202\001\010\002  
\202\001\001\000\267\062\310\376\351\161\246\004\205\255\014\021  
\144\337\316\115\357\310\003\030\207\077\241\253\373\074\246\237  
\360\303\241\332\324\330\156\053\123\220\373\044\244\076\204\360  
\236\350\137\354\345\047\104\365\050\246\077\173\336\340\052\360  
\310\257\123\057\236\312\005\001\223\036\217\146\034\071\247\115  
\372\132\266\163\004\045\146\353\167\177\347\131\306\112\231\045  
\024\124\353\046\307\363\177\031\325\060\160\217\257\260\106\052  
\377\255\353\051\355\327\237\252\004\207\243\324\371\211\245\064  
\137\333\103\221\202\066\331\146\074\261\270\271\202\375\234\072  
\076\020\310\073\357\006\145\146\172\233\031\030\075\377\161\121  
\074\060\056\137\276\075\167\163\262\135\006\154\303\043\126\232  
\053\205\046\222\034\247\002\263\344\077\015\257\010\171\202\270  
\066\075\352\234\323\065\263\274\151\312\365\314\235\350\375\144  
\215\027\200\063\156\136\112\135\231\311\036\207\264\235\032\300  
\325\156\023\065\043\136\337\233\137\075\357\326\367\166\302\352  
\076\273\170\015\034\102\147\153\004\330\370\326\332\157\213\362  
\104\240\001\253\002\001\003\243\201\305\060\201\302\060\035\006  
\003\125\035\016\004\026\004\024\277\137\267\321\316\335\037\206  
\364\133\125\254\334\327\020\302\016\251\210\347\060\201\222\006  
\003\125\035\043\004\201\212\060\201\207\200\024\277\137\267\321

\316\335\037\206\364\133\125\254\334\327\020\302\016\251\210\347  
\241\154\244\152\060\150\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\045\060\043\006\003\125\004\012\023\034\123\164  
\141\162\146\151\145\154\144\040\124\145\143\150\156\157\154\157  
\147\151\145\163\054\040\111\156\143\056\061\062\060\060\006\003  
\125\004\013\023\051\123\164\141\162\146\151\145\154\144\040\103  
\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202\001  
\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\005\235\077\210\235\321\311\032\125\241\254\151\363  
\363\131\332\233\001\207\032\117\127\251\241\171\011\052\333\367  
\057\262\036\314\307\136\152\330\203\207\241\227\357\111\065\076  
\167\006\101\130\142\277\216\130\270\012\147\077\354\263\335\041  
\146\037\311\124\372\162\314\075\114\100\330\201\257\167\236\203  
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115  
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027  
\270\364\275\213\355\050\131\335\115\026\213\027\203\310\262\145  
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101  
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343  
\055\225\276\365\161\220\103\314\215\037\232\000\012\207\051\351  
\125\042\130\000\043\352\343\022\103\051\133\107\010\335\214\101  
\152\145\006\250\345\041\252\101\264\225\041\225\271\175\321\064  
\253\023\326\255\274\334\342\075\071\315\275\076\165\160\241\030  
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155  
\370\267\100\021\106\232\037\171\016\142\277\017\227\354\340\057  
\037\027\224

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Class 2 CA"

# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

# Serial Number: 0 (0x0)

# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

# Not Valid Before: Tue Jun 29 17:39:16 2004

# Not Valid After : Thu Jun 29 17:39:16 2034

# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24

# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE

CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Class 2 CA"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343  
\067\016\265\212

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044  
END

CKA\_ISSUER MULTILINE\_OCTAL

\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151  
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163  
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023  
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163  
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED

CK\_BBOOL CK\_FALSE

#

# Certificate "Taiwan GRCA"

#

# Issuer: O=Government Root Certification Authority,C=TW

# Serial Number:1f:9d:59:5a:d7:2f:c2:06:44:a5:80:08:69:e3:5e:f6

# Subject: O=Government Root Certification Authority,C=TW

# Not Valid Before: Thu Dec 05 13:23:33 2002

# Not Valid After : Sun Dec 05 13:23:33 2032

# Fingerprint (MD5): 37:85:44:53:32:45:1F:20:F0:F3:95:E1:25:C4:43:4E

# Fingerprint (SHA1): F4:8B:11:BF:DE:AB:BE:94:54:20:71:E6:41:DE:6B:BE:88:2B:40:B9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Taiwan GRCA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156  
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156  
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\037\235\131\132\327\057\302\006\104\245\200\010\151\343  
\136\366

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\162\060\202\003\132\240\003\002\001\002\002\020\037  
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\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\077  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060\060  
\056\006\003\125\004\012\014\047\107\157\166\145\162\156\155\145  
\156\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060  
\036\027\015\060\062\061\062\060\065\061\063\062\063\063\063\132  
\027\015\063\062\061\062\060\065\061\063\062\063\063\063\132\060  
\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060  
\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156\155  
\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\232\045\270\354\314\242\165\250\173\367\316\133\131\212\311  
\321\206\022\010\124\354\234\362\347\106\366\210\363\174\351\245  
\337\114\107\066\244\033\001\034\177\036\127\212\215\303\305\321  
\041\343\332\044\077\110\053\373\237\056\241\224\347\054\034\223  
\321\277\033\001\207\123\231\316\247\365\012\041\166\167\377\251  
\267\306\163\224\117\106\367\020\111\067\372\250\131\111\135\152  
\201\007\126\362\212\371\006\320\367\160\042\115\264\267\101\271  
\062\270\261\360\261\303\234\077\160\375\123\335\201\252\330\143  
\170\366\330\123\156\241\254\152\204\044\162\124\206\306\322\262  
\312\034\016\171\201\326\265\160\142\010\001\056\116\117\016\325  
\021\257\251\257\345\232\277\334\314\207\155\046\344\311\127\242  
\373\226\371\314\341\077\123\214\154\114\176\233\123\010\013\154  
\027\373\147\310\302\255\261\315\200\264\227\334\166\001\026\025  
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\215\144\176\265\040\152\235\073\201\266\217\100\000\147\113\211  
\206\270\314\145\376\025\123\351\004\301\326\137\035\104\327\012  
\057\047\232\106\175\241\015\165\255\124\206\025\334\111\073\361  
\226\316\017\233\240\354\243\172\135\276\325\052\165\102\345\173  
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\172\334\367\073\363\375\105\233\321\273\103\170\156\157\361\102  
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\102\100\376\147\106\027\070\057\107\077\161\234\256\345\041\312  
\141\055\155\007\250\204\174\055\356\121\045\361\143\220\236\375  
\341\127\210\153\357\212\043\155\261\346\275\077\255\321\075\226  
\013\205\215\315\153\047\273\267\005\233\354\273\221\251\012\007  
\022\002\227\116\040\220\360\377\015\036\342\101\073\323\100\072  
\347\215\135\332\146\344\002\260\007\122\230\134\016\216\063\234  
\302\246\225\373\125\031\156\114\216\256\113\017\275\301\070\115  
\136\217\204\035\146\315\305\140\226\264\122\132\005\211\216\225  
\172\230\301\221\074\225\043\262\016\364\171\264\311\174\301\112  
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\074\372\062\142\217\254\045\025\073\060\014\006\003\125\035\023  
\004\005\060\003\001\001\377\060\071\006\004\147\052\007\000\004  
\061\060\057\060\055\002\001\000\060\011\006\005\053\016\003\002  
\032\005\000\060\007\006\005\147\052\003\000\000\004\024\003\233  
\360\042\023\377\225\050\066\323\334\236\300\062\373\061\072\212  
\121\145\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\002\001\000\100\200\112\372\046\311\316\136\060\335  
\117\206\164\166\130\365\256\263\203\063\170\244\172\164\027\031  
\116\351\122\265\271\340\012\164\142\252\150\312\170\240\114\232  
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\237\264\037\014\336\070\176\127\070\374\215\342\117\136\014\237  
\253\073\322\377\165\227\313\244\343\147\010\377\345\300\026\265  
\110\001\175\351\371\012\377\033\345\152\151\277\170\041\250\302  
\247\043\251\206\253\166\126\350\016\014\366\023\335\052\146\212  
\144\111\075\032\030\207\220\004\237\102\122\267\117\313\376\107  
\101\166\065\357\377\000\166\066\105\062\233\306\106\205\135\342  
\044\260\036\343\110\226\230\127\107\224\125\172\017\101\261\104  
\044\363\301\376\032\153\277\210\375\301\246\332\223\140\136\201  
\112\231\040\234\110\146\031\265\000\171\124\017\270\054\057\113  
\274\251\135\133\140\177\214\207\245\340\122\143\052\276\330\073  
\205\100\025\376\036\266\145\077\305\113\332\176\265\172\065\051  
\243\056\172\230\140\042\243\364\175\047\116\055\352\264\164\074  
\351\017\244\063\017\020\021\274\023\001\326\345\016\323\277\265  
\022\242\341\105\043\300\314\010\156\141\267\211\253\203\343\044  
\036\346\135\007\347\037\040\076\317\147\310\347\254\060\155\047  
\113\150\156\113\052\134\002\010\064\333\370\166\344\147\243\046  
\234\077\242\062\302\112\305\201\030\061\020\126\252\204\357\055  
\012\377\270\037\167\322\277\245\130\240\142\344\327\113\221\165  
\215\211\200\230\176\155\313\123\116\136\257\366\262\227\205\227  
\271\332\125\006\271\044\356\327\306\070\036\143\033\022\073\225  
\341\130\254\362\337\204\325\137\231\057\015\125\133\346\070\333  
\056\077\162\351\110\205\313\273\051\023\217\036\070\125\271\363  
\262\304\060\231\043\116\135\362\110\241\022\014\334\022\220\011  
\220\124\221\003\074\107\345\325\311\145\340\267\113\175\354\107

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\323\263\013\076\255\236\320\164\000\016\353\275\121\255\300\336
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\131\120\165\043\151\163\223\262\371\374\002\323\107\346\161\316
\020\002\356\047\214\204\377\254\105\015\023\134\203\062\340\045
\245\206\054\174\364\022
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Taiwan GRCA"

# Issuer: O=Government Root Certification Authority,C=TW

# Serial Number: 1f:9d:59:5a:d7:2f:c2:06:44:a5:80:08:69:e3:5e:f6

# Subject: O=Government Root Certification Authority,C=TW

# Not Valid Before: Thu Dec 05 13:23:33 2002

# Not Valid After : Sun Dec 05 13:23:33 2032

# Fingerprint (MD5): 37:85:44:53:32:45:1F:20:F0:F3:95:E1:25:C4:43:4E

# Fingerprint (SHA1): F4:8B:11:BF:DE:AB:BE:94:54:20:71:E6:41:DE:6B:BE:88:2B:40:B9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Taiwan GRCA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\364\213\021\277\336\253\276\224\124\040\161\346\101\336\153\276
\210\053\100\271
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\067\205\104\123\062\105\037\040\360\363\225\341\045\304\103\116
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\037\235\131\132\327\057\302\006\104\245\200\010\151\343
\136\366
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```

#
# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID
  Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\267\060\202\002\237\240\003\002\001\002\002\020\014
\347\340\345\027\330\106\376\217\345\140\374\033\360\060\071\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167

```

\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\103\101\060\036\027\015\060\066\061\061\061\060\060  
\060\060\060\060\060\132\027\015\063\061\061\061\061\060\060\060  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\255\016\025  
\316\344\103\200\134\261\207\363\267\140\371\161\022\245\256\334  
\046\224\210\252\364\316\365\040\071\050\130\140\014\370\200\332  
\251\025\225\062\141\074\265\261\050\204\212\212\334\237\012\014  
\203\027\172\217\220\254\212\347\171\123\134\061\204\052\366\017  
\230\062\066\166\314\336\335\074\250\242\357\152\373\041\362\122  
\141\337\237\040\327\037\342\261\331\376\030\144\322\022\133\137  
\371\130\030\065\274\107\315\241\066\371\153\177\324\260\070\076  
\301\033\303\214\063\331\330\057\030\376\050\017\263\247\203\326  
\303\156\104\300\141\065\226\026\376\131\234\213\166\155\327\361  
\242\113\015\053\377\013\162\332\236\140\320\216\220\065\306\170  
\125\207\040\241\317\345\155\012\310\111\174\061\230\063\154\042  
\351\207\320\062\132\242\272\023\202\021\355\071\027\235\231\072  
\162\241\346\372\244\331\325\027\061\165\256\205\175\042\256\077  
\001\106\206\366\050\171\310\261\332\344\127\027\304\176\034\016  
\260\264\222\246\126\263\275\262\227\355\252\247\360\267\305\250  
\077\225\026\320\377\241\226\353\010\137\030\167\117\002\003\001  
\000\001\243\143\060\141\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\105\353\242\257\364\222\313\202\061\055\121\213\247\247  
\041\235\363\155\310\017\060\037\006\003\125\035\043\004\030\060  
\026\200\024\105\353\242\257\364\222\313\202\061\055\121\213\247  
\247\041\235\363\155\310\017\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\242\016\274\337\342  
\355\360\343\162\163\172\144\224\277\367\162\146\330\062\344\102  
\165\142\256\207\353\362\325\331\336\126\263\237\314\316\024\050  
\271\015\227\140\134\022\114\130\344\323\075\203\111\105\130\227  
\065\151\032\250\107\352\126\306\171\253\022\330\147\201\204\337  
\177\011\074\224\346\270\046\054\040\275\075\263\050\211\367\137  
\377\042\342\227\204\037\351\145\357\207\340\337\301\147\111\263  
\135\353\262\011\052\353\046\355\170\276\175\077\053\363\267\046  
\065\155\137\211\001\266\111\133\237\001\005\233\253\075\045\301  
\314\266\177\302\361\157\206\306\372\144\150\353\201\055\224\353  
\102\267\372\214\036\335\142\361\276\120\147\267\154\275\363\361



```
\037\153\014\066\007\026\177\067\174\251\133\155\172\361\022\106
\140\203\327\047\004\276\113\316\227\276\303\147\052\150\021\337
\200\347\014\063\146\277\023\015\024\156\363\177\037\143\020\036
\372\215\033\045\155\154\217\245\267\141\001\261\322\243\046\241
\020\161\235\255\342\303\371\303\231\121\267\053\007\010\316\056
\346\120\262\247\372\012\105\057\242\360\362
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert Assured ID Root CA"

# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39

# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72

#

Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250
\231\262\115\103
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
```

END

CKA\_TRUST\_SERVER\_AUTH

```
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "DigiCert Global Root CA"
#
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERTIFICATE_TYPE
CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

```
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
```

```
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\003\257\060\202\002\227\240\003\002\001\002\002\020\010
```

\073\340\126\220\102\106\261\241\165\152\311\131\221\307\112\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103  
\101\060\036\027\015\060\066\061\061\061\060\060\060\060\060\060  
\060\132\027\015\063\061\061\061\061\060\060\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\342\073\341\021\162\336\250\244\323\243\127  
\252\120\242\217\013\167\220\311\242\245\356\022\316\226\133\001  
\011\040\314\001\223\247\116\060\267\123\367\103\304\151\000\127  
\235\342\215\042\335\207\006\100\000\201\011\316\316\033\203\277  
\337\315\073\161\106\342\326\146\307\005\263\166\047\026\217\173  
\236\036\225\175\356\267\110\243\010\332\326\257\172\014\071\006  
\145\177\112\135\037\274\027\370\253\276\356\050\327\164\177\172  
\170\231\131\205\150\156\134\043\062\113\277\116\300\350\132\155  
\343\160\277\167\020\277\374\001\366\205\331\250\104\020\130\062  
\251\165\030\325\321\242\276\107\342\047\152\364\232\063\370\111  
\010\140\213\324\137\264\072\204\277\241\252\112\114\175\076\317  
\117\137\154\166\136\240\113\067\221\236\334\042\346\155\316\024  
\032\216\152\313\376\315\263\024\144\027\307\133\051\236\062\277  
\362\356\372\323\013\102\324\253\267\101\062\332\014\324\357\370  
\201\325\273\215\130\077\265\033\350\111\050\242\160\332\061\004  
\335\367\262\026\362\114\012\116\007\250\355\112\075\136\265\177  
\243\220\303\257\047\002\003\001\000\001\243\143\060\141\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\003\336\120\065\126\321  
\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060\037  
\006\003\125\035\043\004\030\060\026\200\024\003\336\120\065\126  
\321\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\313\234\067\252\110\023\022\012\372\335\104\234\117  
\122\260\364\337\256\004\365\171\171\010\243\044\030\374\113\053  
\204\300\055\271\325\307\376\364\301\037\130\313\270\155\234\172  
\164\347\230\051\253\021\265\343\160\240\241\315\114\210\231\223  
\214\221\160\342\253\017\034\276\223\251\377\143\325\344\007\140  
\323\243\277\235\133\011\361\325\216\343\123\364\216\143\372\077

```
\247\333\264\146\337\142\146\326\321\156\101\215\362\055\265\352
\167\112\237\235\130\342\053\131\300\100\043\355\055\050\202\105
\076\171\124\222\046\230\340\200\110\250\067\357\360\326\171\140
\026\336\254\350\016\315\156\254\104\027\070\057\111\332\341\105
\076\052\271\066\123\317\072\120\006\367\056\350\304\127\111\154
\141\041\030\325\004\255\170\074\054\072\200\153\247\353\257\025
\024\351\330\211\301\271\070\154\342\221\154\212\377\144\271\167
\045\127\060\300\033\044\243\341\334\351\337\107\174\265\264\044
\010\005\060\354\055\275\013\277\105\277\120\271\251\363\353\230
\001\022\255\310\210\306\230\064\137\215\012\074\306\351\325\225
\225\155\336
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert Global Root CA"

# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a

# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E

# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057
\261\234\124\066
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

END

CKA\_SERIAL\_NUMBER

```

MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert High Assurance EV Root CA"
#
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77
# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert
Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106

```

\045\167

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\305\060\202\002\255\240\003\002\001\002\002\020\002  
\254\134\046\152\013\100\233\217\013\171\362\256\106\045\167\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\154  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\053\060\051\006\003\125\004\003\023\042\104\151\147\151\103\145  
\162\164\040\110\151\147\150\040\101\163\163\165\162\141\156\143  
\145\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015  
\060\066\061\061\061\060\060\060\060\060\060\060\060\132\027\015\063  
\061\061\061\061\060\060\060\060\060\060\060\132\060\154\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006  
\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111  
\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167  
\056\144\151\147\151\143\145\162\164\056\143\157\155\061\053\060  
\051\006\003\125\004\003\023\042\104\151\147\151\103\145\162\164  
\040\110\151\147\150\040\101\163\163\165\162\141\156\143\145\040  
\105\126\040\122\157\157\164\040\103\101\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\306\314\345\163\346  
\373\324\273\345\055\055\062\246\337\345\201\077\311\315\045\111  
\266\161\052\303\325\224\064\147\242\012\034\260\137\151\246\100  
\261\304\267\262\217\320\230\244\251\101\131\072\323\334\224\326  
\074\333\164\070\244\112\314\115\045\202\367\112\245\123\022\070  
\356\363\111\155\161\221\176\143\266\253\246\137\303\244\204\370  
\117\142\121\276\370\305\354\333\070\222\343\006\345\010\221\014  
\304\050\101\125\373\313\132\211\025\176\161\350\065\277\115\162  
\011\075\276\072\070\120\133\167\061\033\215\263\307\044\105\232  
\247\254\155\000\024\132\004\267\272\023\353\121\012\230\101\101  
\042\116\145\141\207\201\101\120\246\171\134\211\336\031\112\127  
\325\056\346\135\034\123\054\176\230\315\032\006\026\244\150\163  
\320\064\004\023\134\241\161\323\132\174\125\333\136\144\341\067  
\207\060\126\004\345\021\264\051\200\022\361\171\071\210\242\002  
\021\174\047\146\267\210\267\170\362\312\012\250\070\253\012\144  
\302\277\146\135\225\204\301\241\045\036\207\135\032\120\013\040  
\022\314\101\273\156\013\121\070\270\113\313\002\003\001\000\001  
\243\143\060\141\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002\357  
\143\144\053\303\060\037\006\003\125\035\043\004\030\060\026\200  
\024\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002  
\357\143\144\053\303\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\034\032\006\227\334\327\234

```
\237\074\210\146\006\010\127\041\333\041\107\370\052\147\252\277
\030\062\166\100\020\127\301\212\363\172\331\021\145\216\065\372
\236\374\105\265\236\331\114\061\113\270\221\350\103\054\216\263
\170\316\333\343\123\171\161\326\345\041\224\001\332\125\207\232
\044\144\366\212\146\314\336\234\067\315\250\064\261\151\233\043
\310\236\170\042\053\160\103\343\125\107\061\141\031\357\130\305
\205\057\116\060\366\240\061\026\043\310\347\342\145\026\063\313
\277\032\033\240\075\370\312\136\213\061\213\140\010\211\055\014
\006\134\122\267\304\371\012\230\321\025\137\237\022\276\174\066
\143\070\275\104\244\177\344\046\053\012\304\227\151\015\351\214
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236
\274\113\027\011\057\264\313\036\103\150\311\007\047\301\322\134
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143
\315\354\107\252\045\047\147\240\067\363\000\202\175\124\327\251
\370\351\056\023\243\167\350\037\112
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert High Assurance EV Root CA"

# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77

# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before:

Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A

# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert High Assurance EV Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\217\032
\141\307\334\045
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
```

```
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DST Root CA X3"

#

# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Serial Number:44:af:b0:80:d6:a3:27:ba:89:30:39:86:2e:f8:40:6b

# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Not Valid Before: Sat Sep 30 21:12:19 2000

# Not Valid After : Thu Sep 30 14:01:15 2021

# Fingerprint (MD5): 41:03:52:DC:0F:F7:50:1B:16:F0:02:8E:BA:6F:45:C5

# Fingerprint (SHA1): DA:C9:02:4F:54:D8:F6:DF:94:93:5F:B1:73:26:38:CA:6A:D7:7C:13

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DST Root CA X3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\104\257\260\200\326\243\047\272\211\060\071\206\056\370
```



\100\153

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\112\060\202\002\062\240\003\002\001\002\002\020\104  
\257\260\200\326\243\047\272\211\060\071\206\056\370\100\153\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\077  
\061\044\060\042\006\003\125\004\012\023\033\104\151\147\151\164  
\141\154\040\123\151\147\156\141\164\165\162\145\040\124\162\165  
\163\164\040\103\157\056\061\027\060\025\006\003\125\004\003\023  
\016\104\123\124\040\122\157\157\164\040\103\101\040\130\063\060  
\036\027\015\060\060\060\071\063\060\062\061\061\062\061\071\132  
\027\015\062\061\060\071\063\060\061\064\060\061\061\065\132\060  
\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147\151  
\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124\162  
\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004\003  
\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130\063  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\337\257\351\227\120\010\203\127\264\314\142\145\366\220\202  
\354\307\323\054\153\060\312\133\354\331\303\175\307\100\301\030  
\024\213\340\350\063\166\111\052\343\077\041\111\223\254\116\016  
\257\076\110\313\145\356\374\323\041\017\145\322\052\331\062\217  
\214\345\367\167\260\022\173\265\225\300\211\243\251\272\355\163  
\056\172\014\006\062\203\242\176\212\024\060\315\021\240\341\052  
\070\271\171\012\061\375\120\275\200\145\337\267\121\143\203\310  
\342\210\141\352\113\141\201\354\122\153\271\242\342\113\032\050  
\237\110\243\236\014\332\011\216\076\027\056\036\335\040\337\133  
\306\052\212\253\056\275\160\255\305\013\032\045\220\164\162\305  
\173\152\253\064\326\060\211\377\345\150\023\173\124\013\310\326  
\256\354\132\234\222\036\075\144\263\214\306\337\277\311\101\160  
\354\026\162\325\046\354\070\125\071\103\320\374\375\030\134\100  
\361\227\353\325\232\233\215\035\272\332\045\271\306\330\337\301  
\025\002\072\253\332\156\361\076\056\365\134\010\234\074\326\203  
\151\344\020\233\031\052\266\051\127\343\345\075\233\237\360\002  
\135\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\304\247\261\244\173\054\161\372\333\341  
\113\220\165\377\304\025\140\205\211\020\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\243\032  
\054\233\027\000\134\251\036\356\050\146\067\072\277\203\307\077  
\113\303\011\240\225\040\135\343\331\131\104\322\076\015\076\275  
\212\113\240\164\037\316\020\202\234\164\032\035\176\230\032\335  
\313\023\113\263\040\104\344\221\351\314\374\175\245\333\152\345  
\376\346\375\340\116\335\267\000\072\265\160\111\257\362\345\353  
\002\361\321\002\213\031\313\224\072\136\110\304\030\036\130\031  
\137\036\002\132\360\014\361\261\255\251\334\131\206\213\156\351  
\221\365\206\312\372\271\146\063\252\131\133\316\342\247\026\163

```
\107\313\053\314\231\260\067\110\317\343\126\113\365\317\017\014
\162\062\207\306\360\104\273\123\162\155\103\365\046\110\232\122
\147\267\130\253\376\147\166\161\170\333\015\242\126\024\023\071
\044\061\205\242\250\002\132\060\107\341\335\120\007\274\002\011
\220\000\353\144\143\140\233\026\274\210\311\022\346\322\175\221
\213\371\075\062\215\145\264\351\174\261\127\166\352\305\266\050
\071\277\025\145\034\310\366\167\226\152\012\215\167\013\330\221
\013\004\216\007\333\051\266\012\356\235\202\065\065\020
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DST Root CA X3"

# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Serial Number:44:af:b0:80:d6:a3:27:ba:89:30:39:86:2e:f8:40:6b

# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Not Valid Before: Sat Sep 30 21:12:19 2000

# Not Valid After : Thu Sep 30 14:01:15 2021

# Fingerprint (MD5): 41:03:52:DC:0F:F7:50:1B:16:F0:02:8E:BA:6F:45:C5

# Fingerprint (SHA1): DA:C9:02:4F:54:D8:F6:DF:94:93:5F:B1:73:26:38:CA:6A:D7:7C:13

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DST Root CA X3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\332\311\002\117\124\330\366\337\224\223\137\261\163\046\070\312
\152\327\174\023
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\101\003\122\334\017\367\120\033\026\360\002\216\272\157\105\305
```

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\104\257\260\200\326\243\047\272\211\060\071\206\056\370
\100\153
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END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#  
# Certificate "SwissSign Platinum CA - G2"  
#  
# Issuer: CN=SwissSign Platinum  
CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4e:b2:00:67:0c:03:5d:4f  
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:36:00 2006  
# Not Valid After : Sat Oct 25 08:36:00 2036  
# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6  
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66  
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE  
CKA_TOKEN CK_BBOOL CK_TRUE  
CKA_PRIVATE CK_BBOOL CK_FALSE  
CKA_MODIFIABLE CK_BBOOL CK_FALSE  
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"  
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509  
CKA_SUBJECT MULTILINE_OCTAL  
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062  
END  
CKA_ID UTF8 "0"  
CKA_ISSUER MULTILINE_OCTAL  
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062  
END  
CKA_SERIAL_NUMBER  
MULTILINE_OCTAL  
\002\010\116\262\000\147\014\003\135\117  
END  
CKA_VALUE MULTILINE_OCTAL  
\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116  
\262\000\147\014\003\135\117\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041  
\006\003\125\004\003\023\032\123\167\151\163\163\123\151\147\156  
\040\120\154\141\164\151\156\165\155\040\103\101\040\055\040\107  
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060
```

\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060\060  
\132\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110  
\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163  
\123\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003  
\023\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164  
\151\156\165\155\040\103\101\040\055\040\107\062\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\337\242  
\002\342\332\370\374\007\026\261\336\140\252\336\226\134\144\037  
\307\057\176\317\147\372\104\102\326\166\143\225\256\353\257\162  
\040\212\105\107\206\142\170\206\326\040\071\046\364\256\243\375  
\043\347\245\234\265\042\041\031\267\067\223\042\300\120\234\202  
\173\324\325\004\104\134\313\264\302\237\222\276\044\330\173\147  
\042\342\151\137\345\005\170\324\207\331\161\160\063\045\123\264  
\207\073\051\220\050\066\232\125\104\060\150\244\203\227\177\015  
\036\234\166\377\025\235\140\227\000\215\212\205\003\354\200\276  
\352\054\156\020\121\222\314\176\325\243\063\330\326\111\336\130  
\052\257\366\026\353\113\173\220\062\227\271\272\235\130\361\370  
\127\111\004\036\242\135\006\160\335\161\333\371\335\213\232\033  
\214\317\075\243\115\316\313\174\366\273\234\240\372\011\316\043  
\142\262\351\015\037\342\162\050\217\237\254\150\040\175\157\073  
\250\205\061\011\177\013\307\350\145\351\343\170\016\011\147\060  
\213\064\202\373\135\340\314\235\201\155\142\356\010\036\004\054  
\116\233\354\376\251\117\137\375\151\170\357\011\037\241\264\277  
\372\363\357\220\036\114\005\213\036\352\172\221\172\303\327\345  
\373\060\274\154\033\020\130\230\367\032\137\320\051\062\003\023  
\106\115\141\152\205\114\122\164\057\006\037\173\021\342\204\227  
\306\231\363\155\177\327\147\203\176\023\150\330\161\050\132\330  
\316\335\350\020\024\232\376\155\043\207\156\216\132\160\074\325  
\215\011\000\247\252\274\260\061\067\155\310\204\024\036\133\275  
\105\143\040\153\113\164\214\275\333\072\016\301\317\132\026\217  
\245\230\362\166\211\262\023\022\073\013\167\167\254\273\345\074  
\051\112\222\162\312\141\032\053\136\114\342\203\164\167\372\065  
\110\172\205\115\215\232\123\304\337\170\312\227\221\110\053\105  
\053\001\367\034\032\242\355\030\272\012\275\203\372\157\274\215  
\127\223\073\324\324\246\316\036\361\240\261\316\253\375\053\050  
\232\117\033\327\303\162\333\244\304\277\135\114\365\335\173\226  
\151\356\150\200\346\347\230\272\066\267\376\156\355\053\275\040  
\370\145\031\332\125\011\176\045\334\376\141\142\162\371\176\030  
\002\357\143\264\320\373\257\345\073\143\214\147\217\002\003\001  
\000\001\243\201\254\060\201\251\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\120\257\314\007\207\025\107\157\070\305\264\145  
\321\336\225\252\351\337\234\314\060\037\006\003\125\035\043\004  
\030\060\026\200\024\120\257\314\007\207\025\107\157\070\305\264  
\145\321\336\225\252\351\337\234\314\060\106\006\003\125\035\040  
\004\077\060\075\060\073\006\011\140\205\164\001\131\001\001\001

\001\060\056\060\054\006\010\053\006\001\005\005\007\002\001\026  
\040\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157  
\162\171\056\163\167\151\163\163\163\151\147\156\056\143\157\155  
\057\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\002\001\000\010\205\246\365\026\014\374\104\032\301\143  
\340\371\125\106\010\374\160\034\102\050\226\216\267\305\301\101  
\165\116\011\161\171\345\155\226\312\113\245\210\140\320\060\164  
\270\312\010\334\264\060\236\100\007\026\153\145\225\167\001\256  
\244\267\065\013\201\332\161\025\251\164\027\070\173\130\312\371  
\057\373\300\145\166\215\133\001\271\175\336\202\075\144\270\276  
\024\164\243\012\124\323\054\225\030\027\065\365\121\153\077\217  
\242\226\141\071\170\153\113\345\246\240\370\123\337\121\020\223  
\142\347\200\057\342\321\340\274\216\066\106\167\063\354\270\373  
\216\232\054\211\115\061\021\017\046\236\004\273\267\004\215\013  
\362\271\374\132\235\073\026\267\057\310\230\253\376\212\120\131  
\056\243\073\374\051\135\213\301\113\311\342\212\023\035\261\277  
\273\102\035\122\335\116\330\024\136\020\306\061\007\357\161\047  
\367\033\071\011\334\202\352\213\263\225\206\136\375\365\332\135  
\061\246\340\061\266\224\346\104\111\164\305\026\345\367\037\003  
\141\050\305\310\313\022\240\102\113\371\153\210\010\215\264\062  
\030\363\165\237\304\177\000\117\005\225\234\243\027\002\303\263  
\123\233\252\040\071\051\053\146\372\235\257\136\263\222\322\265  
\246\341\032\371\055\101\151\201\024\264\264\265\355\211\075\316  
\373\251\235\065\102\104\261\034\024\163\201\317\052\001\065\232  
\061\325\055\217\155\204\337\200\115\127\343\077\305\204\165\332  
\211\306\060\273\353\217\313\042\010\240\256\252\361\003\154\072  
\113\115\011\245\016\162\306\126\153\041\102\116\043\045\024\150  
\256\166\012\174\014\007\160\144\371\232\057\366\005\071\046\306  
\014\217\031\177\103\136\156\364\133\025\057\333\141\135\346\147  
\057\077\010\224\371\140\264\230\061\332\164\361\204\223\161\115  
\137\373\140\130\321\373\304\301\155\211\242\273\040\037\235\161  
\221\313\062\233\023\075\076\175\222\122\065\254\222\224\242\323  
\030\302\174\307\352\257\166\005\026\335\147\047\302\176\034\007  
\042\041\363\100\012\033\064\007\104\023\302\204\152\216\337\031  
\132\277\177\353\035\342\032\070\321\134\257\107\222\153\200\265  
\060\245\311\215\330\253\061\201\037\337\302\146\067\323\223\251  
\205\206\171\145\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Platinum CA - G2"

# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH

# Serial Number:4e:b2:00:67:0c:03:5d:4f

# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH

# Not Valid Before: Wed Oct 25 08:36:00 2006

```

# Not Valid After : Sat Oct 25 08:36:00 2036
# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\126\340\372\300\073\217\030\043\125\030\345\323\021\312\350\302
\103\061\253\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\311\230\047\167\050\036\075\016\025\074\204\000\270\205\003\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\116\262\000\147\014\003\135\117
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Gold CA - G2"
#
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:30:35 2006
# Not Valid After : Sat Oct 25 08:30:35 2036
# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93
# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023  
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040  
\103\101\040\055\040\107\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023  
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040  
\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\273\100\034\103\365\136\117\260

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\272\060\202\003\242\240\003\002\001\002\002\011\000  
\273\100\034\103\365\136\117\260\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\105\061\013\060\011\006\003\125  
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023  
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060  
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147  
\156\040\107\157\154\144\040\103\101\040\055\040\107\062\060\036  
\027\015\060\066\061\060\062\065\060\070\063\060\063\065\132\027  
\015\063\066\061\060\062\065\060\070\063\060\063\065\132\060\105  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060  
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147  
\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123  
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101  
\040\055\040\107\062\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\257\344\356\176\213\044\016\022\156\251  
\120\055\026\104\073\222\222\134\312\270\135\204\222\102\023\052  
\274\145\127\202\100\076\127\044\315\120\213\045\052\267\157\374  
\357\242\320\300\037\002\044\112\023\226\217\043\023\346\050\130  
\000\243\107\307\006\247\204\043\053\273\275\226\053\177\125\314  
\213\301\127\037\016\142\145\017\335\075\126\212\163\332\256\176  
\155\272\201\034\176\102\214\040\065\331\103\115\204\372\204\333  
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330  
\076\346\030\067\132\052\162\371\332\142\220\222\225\312\037\234  
\351\263\074\053\313\363\001\023\277\132\317\301\265\012\140\275  
\335\265\231\144\123\270\240\226\263\157\342\046\167\221\214\340  
\142\020\002\237\064\017\244\325\222\063\121\336\276\215\272\204  
\172\140\074\152\333\237\053\354\336\336\001\077\156\115\345\120

\206\313\264\257\355\104\100\305\312\132\214\332\322\053\174\250  
\356\276\246\345\012\252\016\245\337\005\122\267\125\307\042\135  
\062\152\227\227\143\023\333\311\333\171\066\173\205\072\112\305  
\122\211\371\044\347\235\167\251\202\377\125\034\245\161\151\053  
\321\002\044\362\263\046\324\153\332\004\125\345\301\012\307\155  
\060\067\220\052\344\236\024\063\136\026\027\125\305\133\265\313  
\064\211\222\361\235\046\217\241\007\324\306\262\170\120\333\014  
\014\013\174\013\214\101\327\271\351\335\214\210\367\243\115\262  
\062\314\330\027\332\315\267\316\146\235\324\375\136\377\275\227  
\076\051\165\347\176\247\142\130\257\045\064\245\101\307\075\274  
\015\120\312\003\003\017\010\132\037\225\163\170\142\277\257\162  
\024\151\016\245\345\003\016\170\216\046\050\102\360\007\013\142  
\040\020\147\071\106\372\251\003\314\004\070\172\146\357\040\203  
\265\214\112\126\216\221\000\374\216\134\202\336\210\240\303\342  
\150\156\175\215\357\074\335\145\364\135\254\121\357\044\200\256  
\252\126\227\157\371\255\175\332\141\077\230\167\074\245\221\266  
\034\214\046\332\145\242\011\155\301\342\124\343\271\312\114\114  
\200\217\167\173\140\232\036\337\266\362\110\036\016\272\116\124  
\155\230\340\341\242\032\242\167\120\317\304\143\222\354\107\031  
\235\353\346\153\316\301\002\003\001\000\001\243\201\254\060\201  
\251\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\035\006\003\125\035\016\004\026\004\024\133\045\173  
\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347\360  
\356\060\037\006\003\125\035\043\004\030\060\026\200\024\133\045  
\173\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347  
\360\356\060\106\006\003\125\035\040\004\077\060\075\060\073\006  
\011\140\205\164\001\131\001\002\001\001\060\056\060\054\006\010  
\053\006\001\005\005\007\002\001\026\040\150\164\164\160\072\057  
\057\162\145\160\157\163\151\164\157\162\171\056\163\167\151\163  
\163\163\151\147\156\056\143\157\155\057\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\047\272  
\343\224\174\361\256\300\336\027\346\345\330\325\365\124\260\203  
\364\273\315\136\005\173\117\237\165\146\257\074\350\126\176\374  
\162\170\070\003\331\053\142\033\000\271\370\351\140\315\314\316  
\121\212\307\120\061\156\341\112\176\030\057\151\131\266\075\144  
\201\053\343\203\204\346\042\207\216\175\340\356\002\231\141\270  
\036\364\270\053\210\022\026\204\302\061\223\070\226\061\246\271  
\073\123\077\303\044\223\126\133\151\222\354\305\301\273\070\000  
\343\354\027\251\270\334\307\174\001\203\237\062\107\272\122\042  
\064\035\062\172\011\126\247\174\045\066\251\075\113\332\300\202  
\157\012\273\022\310\207\113\047\021\371\036\055\307\223\077\236  
\333\137\046\153\122\331\056\212\361\024\306\104\215\025\251\267  
\277\275\336\246\032\356\256\055\373\110\167\027\376\273\354\257  
\030\365\052\121\360\071\204\227\225\154\156\033\303\053\304\164  
\140\171\045\260\012\047\337\337\136\322\071\317\105\175\102\113  
\337\263\054\036\305\306\135\312\125\072\240\234\151\232\217\332  
\357\262\260\074\237\207\154\022\053\145\160\025\122\061\032\044



```
\317\157\061\043\120\037\214\117\217\043\303\164\101\143\034\125
\250\024\335\076\340\121\120\317\361\033\060\126\016\222\260\202
\205\330\203\313\042\144\274\055\270\045\325\124\242\270\006\352
\255\222\244\044\240\301\206\265\112\023\152\107\317\056\013\126
\225\124\313\316\232\333\152\264\246\262\333\101\010\206\047\167
\367\152\240\102\154\013\070\316\327\165\120\062\222\302\337\053
\060\042\110\320\325\101\070\045\135\244\351\135\237\306\224\165
\320\105\375\060\227\103\217\220\253\012\307\206\163\140\112\151
\055\336\245\170\327\006\332\152\236\113\076\167\072\040\023\042
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300
\223\340\177\043\263\125\255\162\045\116\106\371\322\026\357\260
\144\301\001\236\351\312\240\152\230\016\317\330\140\362\057\111
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272
\243\276\043\257\256\375\157\003\340\002\073\060\166\372\033\155
\101\317\001\261\351\270\311\146\364\333\046\363\072\244\164\362
\111\044\133\311\260\320\127\301\372\076\172\341\227\311
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Gold CA - G2"

# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0

# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

# Not Valid Before: Wed Oct 25 08:30:35 2006

# Not Valid After : Sat Oct 25 08:30:35 2036

# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93

# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Gold CA - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\330\305\070\212\267\060\033\033\156\324\172\346\105\045\072\157
\237\032\047\141
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\044\167\331\250\221\321\073\372\210\055\302\377\370\315\063\223
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
```

```

\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\273\100\034\103\365\136\117\260
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Silver CA - G2"
#
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:32:46 2006
# Not Valid After : Sat Oct 25 08:32:46 2036
# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117

```

\033\324\057\124\273\057\113\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\107\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037  
\006\003\125\004\003\023\030\123\167\151\163\163\123\151\147\156  
\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062\060  
\036\027\015\060\066\061\060\062\065\060\070\063\062\064\066\132  
\027\015\063\066\061\060\062\065\060\070\063\062\064\066\132\060  
\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025  
\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151  
\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023\030  
\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162  
\040\103\101\040\055\040\107\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\304\361\207\177\323\170\061  
\367\070\311\370\303\231\103\274\307\367\274\067\347\116\161\272  
\113\217\245\163\035\134\156\230\256\003\127\256\070\067\103\057  
\027\075\037\310\316\150\020\301\170\256\031\003\053\020\372\054  
\171\203\366\350\271\150\271\125\362\004\104\247\071\371\374\004  
\213\036\361\242\115\047\371\141\173\272\267\345\242\023\266\353  
\141\076\320\154\321\346\373\372\136\355\035\264\236\240\065\133  
\241\222\313\360\111\222\376\205\012\005\076\346\331\013\342\117  
\273\334\225\067\374\221\351\062\065\042\321\037\072\116\047\205  
\235\260\025\224\062\332\141\015\107\115\140\102\256\222\107\350  
\203\132\120\130\351\212\213\271\135\241\334\335\231\112\037\066  
\147\273\110\344\203\266\067\353\110\072\257\017\147\217\027\007  
\350\004\312\357\152\061\207\324\300\266\371\224\161\173\147\144  
\270\266\221\112\102\173\145\056\060\152\014\365\220\356\225\346  
\362\315\202\354\331\241\112\354\366\262\113\345\105\205\346\155  
\170\223\004\056\234\202\155\066\251\304\061\144\037\206\203\013  
\052\364\065\012\170\311\125\317\101\260\107\351\060\237\231\276  
\141\250\006\204\271\050\172\137\070\331\033\251\070\260\203\177  
\163\301\303\073\110\052\202\017\041\233\270\314\250\065\303\204  
\033\203\263\076\276\244\225\151\001\072\211\000\170\004\331\311  
\364\231\031\253\126\176\133\213\206\071\025\221\244\020\054\011  
\062\200\140\263\223\300\052\266\030\013\235\176\215\111\362\020  
\112\177\371\325\106\057\031\222\243\231\247\046\254\273\214\074  
\346\016\274\107\007\334\163\121\361\160\144\057\010\371\264\107  
\035\060\154\104\352\051\067\205\222\150\146\274\203\070\376\173  
\071\056\323\120\360\037\373\136\140\266\251\246\372\047\101\361  
\233\030\162\362\365\204\164\112\311\147\304\124\256\110\144\337  
\214\321\156\260\035\341\007\217\010\036\231\234\161\351\114\330  
\245\367\107\022\037\164\321\121\236\206\363\302\242\043\100\013  
\163\333\113\246\347\163\006\214\301\240\351\301\131\254\106\372  
\346\057\370\317\161\234\106\155\271\304\025\215\070\171\003\105  
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\367\161\251\110\056\375\352\326\037\002\003\001\000\001\243\201  
\254\060\201\251\060\016\006\003\125\035\017\001\001\377\004\004

\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034\302  
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200  
\024\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034  
\302\230\372\206\130\060\106\006\003\125\035\040\004\077\060\075  
\060\073\006\011\140\205\164\001\131\001\003\001\001\060\056\060  
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164  
\160\072\057\057\162\145\160\157\163\151\164\157\162\171\056\163  
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\000\163\306\201\340\047\322\055\017\340\225\060\342\232\101\177  
\120\054\137\137\142\141\251\206\152\151\030\014\164\111\326\135  
\204\352\101\122\030\157\130\255\120\126\040\152\306\275\050\151  
\130\221\334\221\021\065\251\072\035\274\032\245\140\236\330\037  
\177\105\221\151\331\176\273\170\162\301\006\017\052\316\217\205  
\160\141\254\240\315\013\270\071\051\126\204\062\116\206\273\075  
\304\052\331\327\037\162\356\376\121\241\042\101\261\161\002\143  
\032\202\260\142\253\136\127\022\037\337\313\335\165\240\300\135  
\171\220\214\033\340\120\346\336\061\376\230\173\160\137\245\220  
\330\255\370\002\266\157\323\140\335\100\113\042\305\075\255\072  
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156  
\037\113\360\161\376\343\147\162\240\261\277\134\213\344\372\231  
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365  
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133  
\311\155\251\014\014\170\252\140\306\126\217\001\132\014\150\274  
\151\031\171\304\037\176\227\005\277\305\351\044\121\136\324\325  
\113\123\355\331\043\132\066\003\145\243\301\003\255\101\060\363  
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227  
\172\155\131\251\052\217\173\336\303\207\211\020\231\111\163\170  
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275  
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021  
\164\013\152\376\013\003\374\243\125\127\211\376\112\313\256\133  
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\215  
\010\152\367\136\101\164\156\303\021\176\007\254\051\140\221\077  
\070\312\127\020\015\275\060\057\307\245\346\101\240\332\256\005  
\207\232\240\244\145\154\114\011\014\211\272\270\323\271\300\223  
\212\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076  
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\345  
\000\275\252\363\116\006\243\172\152\371\142\162\343\011\117\353  
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362  
\264\143\024\322\006\052\147\214\203\365\316\352\007\330\232\152  
\036\354\344\012\273\052\114\353\011\140\071\316\312\142\330\056  
\156

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Silver CA - G2"  
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b  
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:32:46 2006  
# Not Valid After : Sat Oct 25 08:32:46 2036  
# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13  
# Fingerprint (SHA1):

9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Silver CA - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360  
\100\321\035\313

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023  
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145  
\162\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\117\033\324\057\124\273\057\113

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING

CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Primary Certification Authority"

#

# Issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US

# Serial Number:18:ac:b5:6a:fd:69:b6:15:3a:63:6c:af:da:fa:c4:a1

# Subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US

# Not Valid Before: Mon Nov 27 00:00:00 2006

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): 02:26:C3:01:5E:08:30:37:43:A9:D0:7D:CF:37:E6:BF

# Fingerprint (SHA1): 32:3C:11:8E:1B:F7:B8:B6:52:54:E2:E2:10:0D:D6:02:90:37:F0:96

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "GeoTrust Primary Certification Authority"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003  
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141  
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171  
END

CKA\_ID  
UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL  
\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003  
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141  
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372  
\304\241  
END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\174\060\202\002\144\240\003\002\001\002\002\020\030  
\254\265\152\375\151\266\025\072\143\154\257\332\372\304\241\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\130  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026\060  
\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163\164  
\040\111\156\143\056\061\061\060\057\006\003\125\004\003\023\050  
\107\145\157\124\162\165\163\164\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\036\027\015\060\066\061\061  
\062\067\060\060\060\060\060\060\132\027\015\063\066\060\067\061  
\066\062\063\065\071\065\071\132\060\130\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012  
\023\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061  
\061\060\057\006\003\125\004\003\023\050\107\145\157\124\162\165  
\163\164\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202

\001\001\000\276\270\025\173\377\324\174\175\147\255\203\144\173  
\310\102\123\055\337\366\204\010\040\141\326\001\131\152\234\104  
\021\257\357\166\375\225\176\316\141\060\273\172\203\137\002\275  
\001\146\312\356\025\215\157\241\060\234\275\241\205\236\224\072  
\363\126\210\000\061\317\330\356\152\226\002\331\355\003\214\373  
\165\155\347\352\270\125\026\005\026\232\364\340\136\261\210\300  
\144\205\134\025\115\210\307\267\272\340\165\351\255\005\075\235  
\307\211\110\340\273\050\310\003\341\060\223\144\136\122\300\131  
\160\042\065\127\210\212\361\225\012\203\327\274\061\163\001\064  
\355\357\106\161\340\153\002\250\065\162\153\227\233\146\340\313  
\034\171\137\330\032\004\150\036\107\002\346\235\140\342\066\227  
\001\337\316\065\222\337\276\147\307\155\167\131\073\217\235\326  
\220\025\224\274\102\064\020\301\071\371\261\047\076\176\326\212  
\165\305\262\257\226\323\242\336\233\344\230\276\175\341\351\201  
\255\266\157\374\327\016\332\340\064\260\015\032\167\347\343\010  
\230\357\130\372\234\204\267\066\257\302\337\254\322\364\020\006  
\160\161\065\002\003\001\000\001\243\102\060\100\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\054\325\120\101\227\025\213\360  
\217\066\141\133\112\373\153\331\231\311\063\222\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\132\160\177\054\335\267\064\117\365\206\121\251\046\276\113\270  
\252\361\161\015\334\141\307\240\352\064\036\172\167\017\004\065  
\350\047\217\154\220\277\221\026\044\106\076\112\116\316\053\026  
\325\013\122\035\374\037\147\242\002\105\061\117\316\363\372\003  
\247\171\235\123\152\331\332\143\072\370\200\327\323\231\341\245  
\341\276\324\125\161\230\065\072\276\223\352\256\255\102\262\220  
\157\340\374\041\115\065\143\063\211\111\326\233\116\312\307\347  
\116\011\000\367\332\307\357\231\142\231\167\266\225\042\136\212  
\240\253\364\270\170\230\312\070\031\231\311\162\236\170\315\113  
\254\257\031\240\163\022\055\374\302\101\272\201\221\332\026\132  
\061\267\371\264\161\200\022\110\231\162\163\132\131\123\301\143  
\122\063\355\247\311\322\071\002\160\372\340\261\102\146\051\252  
\233\121\355\060\124\042\024\137\331\253\035\301\344\224\360\370  
\365\053\367\352\312\170\106\326\270\221\375\246\015\053\032\024  
\001\076\200\360\102\240\225\007\136\155\315\314\113\244\105\215  
\253\022\350\263\336\132\345\240\174\350\017\042\035\132\351\131  
END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Primary Certification Authority"  
# Issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US  
# Serial Number:18:ac:b5:6a:fd:69:b6:15:3a:63:6c:af:da:fa:c4:a1  
# Subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US

```

# Not Valid Before: Mon Nov 27 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): 02:26:C3:01:5E:08:30:37:43:A9:D0:7D:CF:37:E6:BF
#
Fingerprint (SHA1): 32:3C:11:8E:1B:F7:B8:B6:52:54:E2:E2:10:0D:D6:02:90:37:F0:96
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\062\074\021\216\033\367\270\266\122\124\342\342\020\015\326\002
\220\067\360\226
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\002\046\303\001\136\010\060\067\103\251\320\175\317\067\346\277
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372
\304\241
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "thawte Primary Root CA"
#
# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Serial Number:34:4e:d5:57:20:d5:ed:ec:49:f4:2f:ce:37:db:2b:6d
# Subject: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Fri Nov 17 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): 8C:CA:DC:0B:22:CE:F5:BE:72:AC:41:1A:11:A8:D8:12
# Fingerprint (SHA1): 91:C6:D6:EE:3E:8A:C8:63:84:E5:48:C2:99:29:5C:75:6C:81:7B:81
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```



```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL
CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\064\116\325\127\040\325\355\354\111\364\057\316\067\333
\053\155
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\040\060\202\003\010\240\003\002\001\002\002\020\064
\116\325\127\040\325\355\354\111\364\057\316\067\333\053\155\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\251\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025
\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145\054
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156\061
\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062\060
```

\060\066\040\164\150\141\167\164\145\054\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\037\060\035\006\003\125  
\004\003\023\026\164\150\141\167\164\145\040\120\162\151\155\141  
\162\171\040\122\157\157\164\040\103\101\060\036\027\015\060\066  
\061\061\061\067\060\060\060\060\060\060\132\027\015\063\066\060  
\067\061\066\062\063\065\071\065\071\132\060\201\251\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\164\150\141\167\164\145\054\040\111\156\143  
\056\061\050\060\046\006\003\125\004\013\023\037\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\040\104\151\166\151\163\151\157\156\061\070\060\066\006  
\003\125\004\013\023\057\050\143\051\040\062\060\060\066\040\164  
\150\141\167\164\145\054\040\111\156\143\056\040\055\040\106\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\037\060\035\006\003\125\004\003\023\026  
\164\150\141\167\164\145\040\120\162\151\155\141\162\171\040\122  
\157\157\164\040\103\101\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\254\240\360\373\200\131\324\234\307  
\244\317\235\241\131\163\011\020\105\014\015\054\156\150\361\154  
\133\110\150\111\131\067\374\013\063\031\302\167\177\314\020\055  
\225\064\034\346\353\115\011\247\034\322\270\311\227\066\002\267  
\211\324\044\137\006\300\314\104\224\224\215\002\142\157\353\132  
\335\021\215\050\232\134\204\220\020\172\015\275\164\146\057\152  
\070\240\342\325\124\104\353\035\007\237\007\272\157\356\351\375  
\116\013\051\365\076\204\240\001\361\234\253\370\034\176\211\244  
\350\241\330\161\145\015\243\121\173\356\274\322\042\140\015\271  
\133\235\337\272\374\121\133\013\257\230\262\351\056\351\004\350  
\142\207\336\053\310\327\116\301\114\144\036\335\317\207\130\272  
\112\117\312\150\007\035\034\235\112\306\325\057\221\314\174\161  
\162\034\305\300\147\353\062\375\311\222\134\224\332\205\300\233  
\277\123\175\053\011\364\214\235\221\037\227\152\122\313\336\011  
\066\244\167\330\173\207\120\104\325\076\156\051\151\373\071\111  
\046\036\011\245\200\173\100\055\353\350\047\205\311\376\141\375  
\176\346\174\227\035\325\235\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\173\133\105\317  
\257\316\313\172\375\061\222\032\152\266\363\106\353\127\110\120  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\171\021\300\113\263\221\266\374\360\351\147\324  
\015\156\105\276\125\350\223\322\316\003\077\355\332\045\260\035  
\127\313\036\072\166\240\114\354\120\166\350\144\162\014\244\251  
\361\270\213\326\326\207\204\273\062\345\101\021\300\167\331\263  
\140\235\353\033\325\321\156\104\104\251\246\001\354\125\142\035  
\167\270\134\216\110\111\174\234\073\127\021\254\255\163\067\216  
\057\170\134\220\150\107\331\140\140\346\374\007\075\042\040\027

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\304\367\026\351\304\330\162\371\310\163\174\337\026\057\025\251
\076\375\152\047\266\241\353\132\272\230\037\325\343\115\144\012
\235\023\310\141\272\365\071\034\207\272\270\275\173\042\177\366
\376\254\100\171\345\254\020\157\075\217\033\171\166\213\304\067
\263\041\030\204\345\066\000\353\143\040\231\271\351\376\063\004
\273\101\310\301\002\371\104\143\040\236\201\316\102\323\326\077
\054\166\323\143\234\131\335\217\246\341\016\240\056\101\367\056
\225\107\317\274\375\063\363\366\013\141\176\176\221\053\201\107
\302\047\060\356\247\020\135\067\217\134\071\053\344\004\360\173
\215\126\214\150
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA"

# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US

# Serial Number:34:4e:d5:57:20:d5:ed:ec:49:f4:2f:ce:37:db:2b:6d

# Subject: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US

# Not Valid Before: Fri Nov 17 00:00:00 2006

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): 8C:CA:DC:0B:22:CE:F5:BE:72:AC:41:1A:11:A8:D8:12

# Fingerprint (SHA1): 91:C6:D6:EE:3E:8A:C8:63:84:E5:48:C2:99:29:5C:75:6C:81:7B:81

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA"

CKA\_CERT\_SHA1\_HASH

MULTILINE\_OCTAL

```
\221\306\326\356\076\212\310\143\204\345\110\302\231\051\134\165
\154\201\173\201
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\214\312\334\013\042\316\365\276\162\254\101\032\021\250\330\022
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
```

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\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\116\325\127\040\325\355\354\111\364\057\316\067\333
\053\155
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "VeriSign Class 3 Public Primary Certification Authority - G5"
#
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:18:da:d1:9e:26:7d:e8:bb:4a:21:58:cd:cc:6b:3b:4a
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Nov 08 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): CB:17:E4:31:67:3E:E2:09:FE:45:57:93:F3:0A:FA:1C
# Fingerprint (SHA1): 4E:B6:D5:78:49:9B:1C:CF:5F:58:1E:AD:56:BE:3D:9B:67:44:A5:E5
CKA_CLASS
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
END

```

CKA\_ID  
UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\065

END

CKA\_SERIAL\_NUMBER  
MULTILINE\_OCTAL  
\002\020\030\332\321\236\046\175\350\273\112\041\130\315\314\153  
\073\112

END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\004\323\060\202\003\273\240\003\002\001\002\002\020\030  
\332\321\236\046\175\350\273\112\041\130\315\314\153\073\112\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\312\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013  
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\066\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\105\060\103\006\003\125\004\003\023\074\126  
\145\162\151\123\151\147\156\040\103\154\141\163\163\040\063\040  
\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\065\060\036\027\015\060  
\066\061\061\060\070\060\060\060\060\060\060\132\027\015\063\066  
\060\067\061\066\062\063\065\071\065\071\132\060\201\312\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006  
\003\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040  
\111\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126  
\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061  
\050\143\051\040\062\060\060\066\040\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165

\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151  
\123\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142  
\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\040\055\040\107\065\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\257\044\010\010\051\172\065  
\236\140\014\252\347\113\073\116\334\174\274\074\105\034\273\053  
\340\376\051\002\371\127\010\243\144\205\025\047\365\361\255\310  
\061\211\135\042\350\052\252\246\102\263\217\370\271\125\267\261  
\267\113\263\376\217\176\007\127\354\357\103\333\146\142\025\141  
\317\140\015\244\330\336\370\340\303\142\010\075\124\023\353\111  
\312\131\124\205\046\345\053\217\033\237\353\365\241\221\302\063  
\111\330\103\143\152\122\113\322\217\350\160\121\115\321\211\151  
\173\307\160\366\263\334\022\164\333\173\135\113\126\323\226\277  
\025\167\241\260\364\242\045\362\257\034\222\147\030\345\364\006  
\004\357\220\271\344\000\344\335\072\265\031\377\002\272\364\074  
\356\340\213\353\067\213\354\364\327\254\362\366\360\075\257\335  
\165\221\063\031\035\034\100\313\164\044\031\041\223\331\024\376  
\254\052\122\307\217\325\004\111\344\215\143\107\210\074\151\203  
\313\376\107\275\053\176\117\305\225\256\016\235\324\321\103\300  
\147\163\343\024\010\176\345\077\237\163\270\063\012\317\135\077  
\064\207\226\212\356\123\350\045\025\002\003\001\000\001\243\201  
\262\060\201\257\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\155\006\010\053\006\001\005\005\007\001  
\014\004\141\060\137\241\135\240\133\060\131\060\127\060\125\026  
\011\151\155\141\147\145\057\147\151\146\060\041\060\037\060\007  
\006\005\053\016\003\002\032\004\024\217\345\323\032\206\254\215  
\216\153\303\317\200\152\324\110\030\054\173\031\056\060\045\026  
\043\150\164\164\160\072\057\057\154\157\147\157\056\166\145\162  
\151\163\151\147\156\056\143\157\155\057\166\163\154\157\147\157  
\056\147\151\146\060\035\006\003\125\035\016\004\026\004\024\177  
\323\145\247\302\335\354\273\360\060\011\363\103\071\372\002\257  
\063\061\063\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\003\202\001\001\000\223\044\112\060\137\142\317\330\032  
\230\057\075\352\334\231\055\275\167\366\245\171\042\070\354\304  
\247\240\170\022\255\142\016\105\160\144\305\347\227\146\055\230  
\011\176\137\257\326\314\050\145\362\001\252\010\032\107\336\371  
\371\174\222\132\010\151\040\015\331\076\155\156\074\015\156\330  
\346\006\221\100\030\271\370\301\355\337\333\101\252\340\226\040  
\311\315\144\025\070\201\311\224\356\242\204\051\013\023\157\216  
\333\014\335\045\002\333\244\213\031\104\322\101\172\005\151\112  
\130\117\140\312\176\202\152\013\002\252\045\027\071\265\333\177  
\347\204\145\052\225\212\275\206\336\136\201\026\203\055\020\314  
\336\375\250\202\052\155\050\037\015\013\304\345\347\032\046\031  
\341\364\021\157\020\265\225\374\347\102\005\062\333\316\235\121

```
\136\050\266\236\205\323\133\357\245\175\105\100\162\216\267\016
\153\016\006\373\063\065\110\161\270\235\047\213\304\145\137\015
\206\166\234\104\172\366\225\134\366\135\062\010\063\244\124\266
\030\077\150\134\362\102\112\205\070\124\203\137\321\350\054\362
\254\021\326\250\355\143\152
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "VeriSign Class 3 Public Primary Certification Authority - G5"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:18:da:d1:9e:26:7d:e8:bb:4a:21:58:cd:cc:6b:3b:4a

# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Wed Nov 08 00:00:00 2006

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): CB:17:E4:31:67:3E:E2:09:FE:45:57:93:F3:0A:FA:1C

#

Fingerprint (SHA1): 4E:B6:D5:78:49:9B:1C:CF:5F:58:1E:AD:56:BE:3D:9B:67:44:A5:E5

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G5"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\116\266\325\170\111\233\034\317\137\130\036\255\126\276\075\233
\147\104\245\345
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\313\027\344\061\147\076\342\011\376\105\127\223\363\012\372\034
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
```

```

END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\030\332\321\236\046\175\350\273\112\041\130\315\314\153
\073\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid
After : Mon Dec 31 19:40:55 2029
# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END

```



CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\270\060\202\002\240\240\003\002\001\002\002\020\014  
\360\216\134\010\026\245\255\102\177\360\353\047\030\131\320\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\110  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060  
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162  
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\027\060\025\006\003\125\004\003\023\016\123\145\143\165\162\145  
\124\162\165\163\164\040\103\101\060\036\027\015\060\066\061\061  
\060\067\061\071\063\061\061\070\132\027\015\062\071\061\062\063  
\061\061\071\064\060\065\065\132\060\110\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\040\060\036\006\003\125\004\012  
\023\027\123\145\143\165\162\145\124\162\165\163\164\040\103\157  
\162\160\157\162\141\164\151\157\156\061\027\060\025\006\003\125  
\004\003\023\016\123\145\143\165\162\145\124\162\165\163\164\040  
\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\253\244\201\345\225\315\365\366\024\216\302\117\312  
\324\342\170\225\130\234\101\341\015\231\100\044\027\071\221\063  
\146\351\276\341\203\257\142\134\211\321\374\044\133\141\263\340  
\021\021\101\034\035\156\360\270\273\370\336\247\201\272\246\110  
\306\237\035\275\276\216\251\101\076\270\224\355\051\032\324\216  
\322\003\035\003\357\155\015\147\034\127\327\006\255\312\310\365  
\376\016\257\146\045\110\004\226\013\135\243\272\026\303\010\117  
\321\106\370\024\134\362\310\136\001\231\155\375\210\314\206\250  
\301\157\061\102\154\122\076\150\313\363\031\064\337\273\207\030  
\126\200\046\304\320\334\300\157\337\336\240\302\221\026\240\144  
\021\113\104\274\036\366\347\372\143\336\146\254\166\244\161\243  
\354\066\224\150\172\167\244\261\347\016\057\201\172\342\265\162  
\206\357\242\153\213\360\017\333\323\131\077\272\162\274\104\044  
\234\343\163\263\367\257\127\057\102\046\235\251\164\272\000\122  
\362\113\315\123\174\107\013\066\205\016\146\251\010\227\026\064  
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\025\131  
\207\272\273\002\003\001\000\001\243\201\235\060\201\232\060\023  
\006\011\053\006\001\004\001\202\067\024\002\004\006\036\004\000  
\103\000\101\060\013\006\003\125\035\017\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\102\062\266\026  
\372\004\375\376\135\113\172\303\375\367\114\100\035\132\103\257  
\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240  
\045\206\043\150\164\164\160\072\057\057\143\162\154\056\163\145  
\143\165\162\145\164\162\165\163\164\056\143\157\155\057\123\124  
\103\101\056\143\162\154\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\060\355\117\112  
\341\130\072\122\162\133\265\246\243\145\030\246\273\121\073\167  
\351\235\352\323\237\134\340\105\145\173\015\312\133\342\160\120  
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043

```
\041\375\274\020\177\140\020\132\162\365\230\016\254\354\271\177
\335\172\157\135\323\034\364\377\210\005\151\102\251\005\161\310
\267\254\046\350\056\264\214\152\377\161\334\270\261\337\231\274
\174\041\124\053\344\130\242\273\127\051\256\236\251\243\031\046
\017\231\056\010\260\357\375\151\317\231\032\011\215\343\247\237
\053\311\066\064\173\044\263\170\114\225\027\244\006\046\036\266
\144\122\066\137\140\147\331\234\305\005\164\013\347\147\043\322
\010\374\210\351\256\213\177\341\060\364\067\176\375\306\062\332
\055\236\104\060\060\154\356\007\336\322\064\374\322\377\100\366
\113\364\146\106\006\124\246\362\062\012\143\046\060\153\233\321
\334\213\107\272\341\271\325\142\320\242\240\364\147\005\170\051
\143\032\157\004\326\370\306\114\243\232\261\067\264\215\345\050
\113\035\236\054\302\270\150\274\355\002\356\061
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SecureTrust CA"

# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0

# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Not Valid Before: Tue Nov 07 19:31:18 2006

# Not Valid After : Mon Dec 31 19:40:55 2029

# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1

# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SecureTrust CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Secure Global CA"
#
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Not Valid
  Before: Tue Nov 07 19:42:28 2006
# Not Valid After : Mon Dec 31 19:52:06 2029
# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\274\060\202\002\244\240\003\002\001\002\002\020\007
\126\042\244\350\324\212\211\115\364\023\310\360\370\352\245\060
```

\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060  
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162  
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\031\060\027\006\003\125\004\003\023\020\123\145\143\165\162\145  
\040\107\154\157\142\141\154\040\103\101\060\036\027\015\060\066  
\061\061\060\067\061\071\064\062\062\070\132\027\015\062\071\061  
\062\063\061\061\071\065\062\060\066\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\040\060\036\006\003\125  
\004\012\023\027\123\145\143\165\162\145\124\162\165\163\164\040  
\103\157\162\160\157\162\141\164\151\157\156\061\031\060\027\006  
\003\125\004\003\023\020\123\145\143\165\162\145\040\107\154\157  
\142\141\154\040\103\101\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\257\065\056\330\254\154\125\151\006  
\161\345\023\150\044\263\117\330\314\041\107\370\361\140\070\211  
\211\003\351\275\352\136\106\123\011\334\134\365\132\350\367\105  
\052\002\353\061\141\327\051\063\114\316\307\174\012\067\176\017  
\272\062\230\341\035\227\257\217\307\334\311\070\226\363\333\032  
\374\121\355\150\306\320\156\244\174\044\321\256\102\310\226\120  
\143\056\340\376\165\376\230\247\137\111\056\225\343\071\063\144  
\216\036\244\137\220\322\147\074\262\331\376\101\271\125\247\011  
\216\162\005\036\213\335\104\205\202\102\320\111\300\035\140\360  
\321\027\054\225\353\366\245\301\222\243\305\302\247\010\140\015  
\140\004\020\226\171\236\026\064\346\251\266\372\045\105\071\310  
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014  
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302  
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373  
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167  
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120  
\142\321\163\347\217\172\103\002\003\001\000\001\243\201\235\060  
\201\232\060\023\006\011\053\006\001\004\001\202\067\024\002\004  
\006\036\004\000\103\000\101\060\013\006\003\125\035\017\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\257\104\004\302\101\176\110\203\333\116\071\002\354\354\204\172  
\346\316\311\244\060\064\006\003\125\035\037\004\055\060\053\060  
\051\240\047\240\045\206\043\150\164\164\160\072\057\057\143\162  
\154\056\163\145\143\165\162\145\164\162\165\163\164\056\143\157  
\155\057\123\107\103\101\056\143\162\154\060\020\006\011\053\006  
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\143\032\010\100\175\244\136\123\015\167\330\172\256\037\015\013  
\121\026\003\357\030\174\310\343\257\152\130\223\024\140\221\262  
\204\334\210\116\276\071\212\072\363\346\202\211\135\001\067\263  
\253\044\244\025\016\222\065\132\112\104\136\116\127\372\165\316  
\037\110\316\146\364\074\100\046\222\230\154\033\356\044\106\014  
\027\263\122\245\333\245\221\221\317\067\323\157\347\047\010\072

```
\116\031\037\072\247\130\134\027\317\171\077\213\344\247\323\046
\043\235\046\017\130\151\374\107\176\262\320\215\213\223\277\051
\117\103\151\164\166\147\113\317\007\214\346\002\367\265\341\264
\103\265\113\055\024\237\371\334\046\015\277\246\107\164\006\330
\210\321\072\051\060\204\316\322\071\200\142\033\250\307\127\111
\274\152\125\121\147\025\112\276\065\007\344\325\165\230\067\171
\060\024\333\051\235\154\305\151\314\107\125\242\060\367\314\134
\177\302\303\230\034\153\116\026\200\353\172\170\145\105\242\000
\032\257\014\015\125\144\064\110\270\222\271\361\264\120\051\362
\117\043\037\332\154\254\037\104\341\335\043\170\121\133\307\026
END
```

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Secure Global CA"

# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US

# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5

# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US

# Not Valid Before: Tue Nov 07 19:42:28 2006

# Not Valid After : Mon Dec 31 19:52:06 2029

# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE

# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Secure Global CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\072\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
```

END

```

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
#
Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END

```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106  
\345\075

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\035\060\202\003\005\240\003\002\001\002\002\020\116  
\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\201\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033  
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162  
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006  
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060  
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103  
\101\040\114\151\155\151\164\145\144\061\047\060\045\006\003\125  
\004\003\023\036\103\117\115\117\104\117\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060  
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065  
\071\132\060\201\201\061\013\060\011\006\003\125\004\006\023\002  
\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162\145  
\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061  
\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157\162  
\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115\117  
\104\117\040\103\101\040\114\151\155\151\164\145\144\061\047\060  
\045\006\003\125\004\003\023\036\103\117\115\117\104\117\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\320\100\213\213\162\343\221\033\367  
\121\301\033\124\004\230\323\251\277\301\346\212\135\073\207\373  
\273\210\316\015\343\057\077\006\226\360\242\051\120\231\256\333  
\073\241\127\260\164\121\161\315\355\102\221\115\101\376\251\310  
\330\152\206\167\104\273\131\146\227\120\136\264\324\054\160\104  
\317\332\067\225\102\151\074\060\304\161\263\122\360\041\115\241  
\330\272\071\174\034\236\243\044\235\362\203\026\230\252\026\174  
\103\233\025\133\267\256\064\221\376\324\142\046\030\106\232\077  
\353\301\371\361\220\127\353\254\172\015\213\333\162\060\152\146  
\325\340\106\243\160\334\150\331\377\004\110\211\167\336\265\351  
\373\147\155\101\351\274\071\275\062\331\142\002\361\261\250\075  
\156\067\234\342\057\342\323\242\046\213\306\270\125\103\210\341  
\043\076\245\322\044\071\152\107\253\000\324\241\263\251\045\376  
\015\077\247\035\272\323\121\301\013\244\332\254\070\357\125\120  
\044\005\145\106\223\064\117\055\215\255\306\324\041\031\322\216  
\312\005\141\161\007\163\107\345\212\031\022\275\004\115\316\116  
\234\245\110\254\273\046\367\002\003\001\000\001\243\201\216\060  
\201\213\060\035\006\003\125\035\016\004\026\004\024\013\130\345  
\213\306\114\025\067\244\100\251\060\251\041\276\107\066\132\126  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001

```
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\111\006\003\125\035\037\004\102\060\100\060\076\240
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056
\143\157\155\157\144\157\143\141\056\143\157\155\057\103\117\115
\117\104\117\103\145\162\164\151\146\151\143\141\164\151\157\156
\101\165\164\150\157\162\151\164\171\056\143\162\154\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\076\230\236\233\366\033\351\327\071\267\170\256\035\162\030
\111\323\207\344\103\202\353\077\311\252\365\250\265\357\125\174
\041\122\145\371\325\015\341\154\364\076\214\223\163\221\056\002
\304\116\007\161\157\300\217\070\141\010\250\036\201\012\300\057
\040\057\101\213\221\334\110\105\274\361\306\336\272\166\153\063
\310\000\055\061\106\114\355\347\235\317\210\224\377\063\300\126
\350\044\206\046\270\330\070\070\337\052\153\335\022\314\307\077
\107\027\114\242\302\006\226\011\326\333\376\077\074\106\101\337
\130\342\126\017\074\073\301\034\223\065\331\070\122\254\356\310
\354\056\060\116\224\065\264\044\037\113\170\151\332\362\002\070
\314\225\122\223\360\160\045\131\234\040\147\304\356\371\213\127
\141\364\222\166\175\077\204\215\125\267\350\345\254\325\361\365
\031\126\246\132\373\220\034\257\223\353\345\034\324\147\227\135
\004\016\276\013\203\246\027\203\271\060\022\240\305\063\025\005
\271\015\373\307\005\166\343\330\112\215\374\064\027\243\306\041
\050\276\060\105\061\036\307\170\276\130\141\070\254\073\342\001
\145
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "COMODO Certification Authority"

# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d

# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Fri Dec 01 00:00:00 2006

# Not Valid After : Mon Dec 31 23:59:59 2029

# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75

# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL

CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321
```



```

\367\275\357\173
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\134\110\334\367\102\162\354\126\224\155\034\314\161\065\200\165
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Network Solutions Certificate Authority"
#
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE
CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164

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\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040
\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056
\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065
\071\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167
\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056
\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\344\274\176\222\060\155\306\330\216
\053\013\274\106\316\340\047\226\336\336\371\372\022\323\074\063
\163\263\004\057\274\161\214\345\237\266\042\140\076\137\135\316
\011\377\202\014\033\232\121\120\032\046\211\335\325\141\135\031
\334\022\017\055\012\242\103\135\027\320\064\222\040\352\163\317
\070\054\006\046\011\172\162\367\372\120\062\370\302\223\323\151
\242\043\316\101\261\314\344\325\037\066\321\212\072\370\214\143
\342\024\131\151\355\015\323\177\153\350\270\003\345\117\152\345
\230\143\151\110\005\276\056\377\063\266\351\227\131\151\370\147
```

\031\256\223\141\226\104\025\323\162\260\077\274\152\175\354\110  
\177\215\303\253\252\161\053\123\151\101\123\064\265\260\271\305  
\006\012\304\260\105\365\101\135\156\211\105\173\075\073\046\214  
\164\302\345\322\321\175\262\021\324\373\130\062\042\232\200\311  
\334\375\014\351\177\136\003\227\316\073\000\024\207\047\160\070  
\251\216\156\263\047\166\230\121\340\005\343\041\253\032\325\205  
\042\074\051\265\232\026\305\200\250\364\273\153\060\217\057\106  
\002\242\261\014\042\340\323\002\003\001\000\001\243\201\227\060  
\201\224\060\035\006\003\125\035\016\004\026\004\024\041\060\311  
\373\000\327\116\230\332\207\252\052\320\247\056\261\100\061\247  
\114\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\122\006\003\125\035\037\004\113\060\111\060\107\240  
\105\240\103\206\101\150\164\164\160\072\057\057\143\162\154\056  
\156\145\164\163\157\154\163\163\154\056\143\157\155\057\116\145  
\164\167\157\162\153\123\157\154\165\164\151\157\156\163\103\145  
\162\164\151\146\151\143\141\164\145\101\165\164\150\157\162\151  
\164\171\056\143\162\154\060\015\006\011\052\206\110\206\367\015  
\001\001\005\005\000\003\202\001\001\000\273\256\113\347\267\127  
\353\177\252\055\267\163\107\205\152\301\344\245\035\344\347\074  
\351\364\131\145\167\265\172\133\132\215\045\066\340\172\227\056  
\070\300\127\140\203\230\006\203\237\271\166\172\156\120\340\272  
\210\054\374\105\314\030\260\231\225\121\016\354\035\270\210\377  
\207\120\034\202\302\343\340\062\200\277\240\013\107\310\303\061  
\357\231\147\062\200\117\027\041\171\014\151\134\336\136\064\256  
\002\265\046\352\120\337\177\030\145\054\311\362\143\341\251\007  
\376\174\161\037\153\063\044\152\036\005\367\005\150\300\152\022  
\313\056\136\141\313\256\050\323\176\302\264\146\221\046\137\074  
\056\044\137\313\130\017\353\050\354\257\021\226\363\334\173\157  
\300\247\210\362\123\167\263\140\136\256\256\050\332\065\054\157  
\064\105\323\046\341\336\354\133\117\047\153\026\174\275\104\004  
\030\202\263\211\171\027\020\161\075\172\242\026\116\365\001\315  
\244\154\145\150\241\111\166\134\103\311\330\274\066\147\154\245  
\224\265\324\314\271\275\152\065\126\041\336\330\303\353\373\313  
\244\140\114\260\125\240\240\173\127\262

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Network Solutions Certificate Authority"

# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0

# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

# Not Valid Before: Fri Dec 01 00:00:00 2006

# Not Valid After : Mon Dec 31 23:59:59 2029

# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E

```

# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERT_SHA1_HASH
MULTILINE_OCTAL
\164\370\243\303\357\347\263\220\006\113\203\220\074\041\144\140
\040\345\337\316
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\035\131\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate
# "COMODO ECC Certification Authority"
#
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "COMODO ECC Certification Authority"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143  
\231\052

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\211\060\202\002\017\240\003\002\001\002\002\020\037  
\107\257\252\142\000\160\120\124\114\001\236\233\143\231\052\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\205\061\013  
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006  
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\023\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114  
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\023  
\042\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\070\060\063\060\066\060\060\060  
\060\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071  
\065\071\132\060\201\205\061\013\060\011\006\003\125\004\006\023  
\002\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162

\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162  
\061\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157  
\162\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115  
\117\104\117\040\103\101\040\114\151\155\151\164\145\144\061\053  
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006  
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003  
\142\000\004\003\107\173\057\165\311\202\025\205\373\165\344\221  
\026\324\253\142\231\365\076\122\013\006\316\101\000\177\227\341  
\012\044\074\035\001\004\356\075\322\215\011\227\014\340\165\344  
\372\373\167\212\052\365\003\140\113\066\213\026\043\026\255\011  
\161\364\112\364\050\120\264\376\210\034\156\077\154\057\057\011  
\131\133\245\133\013\063\231\342\303\075\211\371\152\054\357\262  
\323\006\351\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\165\161\247\031\110\031\274\235\235\352\101\107\337\224  
\304\110\167\231\323\171\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\061\000\357\003\133\172\254  
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346  
\175\010\306\032\207\275\030\250\163\275\046\312\140\014\235\316  
\231\237\317\134\017\060\341\276\024\061\352\002\060\024\364\223  
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157  
\030\067\200\123\376\335\040\340\065\232\066\321\307\001\271\346  
\334\335\363\377\035\054\072\026\127\331\222\071\326

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "COMODO ECC Certification Authority"

# Issuer: CN=COMODO

ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number: 1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a

# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Thu Mar 06 00:00:00 2008

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23

# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO ECC Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216  
\055\223\303\021

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143  
\231\052

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "OISTE WISeKey Global Root GA CA"

#

# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)  
2005,O=WISeKey,C=CH

# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a

#

Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)  
2005,O=WISeKey,C=CH

# Not Valid Before: Sun Dec 11 16:03:44 2005

# Not Valid After : Fri Dec 11 16:09:51 2037

# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93

# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "OISTE WISeKey Global Root GA CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110

\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113  
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160  
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\101\040\103\101

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110  
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113  
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160  
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\101\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124  
\337\232

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\361\060\202\002\331\240\003\002\001\002\002\020\101  
\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\212\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020  
\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171  
\061\033\060\031\006\003\125\004\013\023\022\103\157\160\171\162  
\151\147\150\164\040\050\143\051\040\062\060\060\065\061\042\060  
\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157  
\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145  
\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124  
\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154  
\040\122\157\157\164\040\107\101\040\103\101\060\036\027\015\060  
\065\061\062\061\061\061\066\060\063\064\064\132\027\015\063\067  
\061\062\061\061\061\066\060\071\065\061\132\060\201\212\061\013  
\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006  
\003\125\004\012\023\007\127\111\123\145\113\145\171\061\033\060  
\031\006\003\125\004\013\023\022\103\157\160\171\162\151\147\150  
\164\040\050\143\051\040\062\060\060\065\061\042\060\040\006\003  
\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156\144  
\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061\050  
\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040\127



\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157  
\157\164\040\107\101\040\103\101\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\313\117\263\000\233\075\066  
\335\371\321\111\152\153\020\111\037\354\330\053\262\306\370\062  
\201\051\103\225\114\232\031\043\041\025\105\336\343\310\034\121  
\125\133\256\223\350\067\377\053\153\351\324\352\276\052\335\250  
\121\053\327\146\303\141\134\140\002\310\365\316\162\173\073\270  
\362\116\145\010\232\315\244\152\031\301\001\273\163\246\327\366  
\303\335\315\274\244\213\265\231\141\270\001\242\243\324\115\324  
\005\075\221\255\370\264\010\161\144\257\160\361\034\153\176\366  
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005  
\231\013\355\105\061\011\312\302\000\333\367\162\240\226\252\225  
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242  
\237\177\223\023\060\361\241\047\333\331\377\054\125\210\221\240  
\340\117\007\260\050\126\214\030\033\227\104\216\211\335\340\027  
\156\347\052\357\217\071\012\061\204\202\330\100\024\111\056\172  
\101\344\247\376\343\144\314\301\131\161\113\054\041\247\133\175  
\340\035\321\056\201\233\303\330\150\367\275\226\033\254\160\261  
\026\024\013\333\140\271\046\001\005\002\003\001\000\001\243\121  
\060\117\060\013\006\003\125\035\017\004\004\003\002\001\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\263\003\176\256\066  
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060  
\020\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001  
\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\113\241\377\013\207\156\263\371\301\103\261  
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253  
\111\117\217\075\036\357\115\157\275\274\244\366\362\046\060\311  
\020\312\035\210\373\164\031\037\205\105\275\260\154\121\371\066  
\176\333\365\114\062\072\101\117\133\107\317\350\013\055\266\304  
\031\235\164\305\107\306\073\152\017\254\024\333\074\364\163\234  
\251\005\337\000\334\164\170\372\370\065\140\131\002\023\030\174  
\274\373\115\260\040\155\103\273\140\060\172\147\063\134\305\231  
\321\370\055\071\122\163\373\214\252\227\045\134\162\331\010\036  
\253\116\074\343\201\061\237\003\246\373\300\376\051\210\125\332  
\204\325\120\003\266\342\204\243\246\066\252\021\072\001\341\030  
\113\326\104\150\263\075\371\123\164\204\263\106\221\106\226\000  
\267\200\054\266\341\343\020\342\333\242\347\050\217\001\226\142  
\026\076\000\343\034\245\066\201\030\242\114\122\166\300\021\243  
\156\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051  
\130\123\265\234\273\157\237\134\305\030\354\335\057\341\230\311  
\374\276\337\012\015

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for Certificate "OISTE WISeKey Global Root GA CA"
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey
Global Root GA CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\063\247\351\323\146\143\124\025\162\033\041\222\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certigna"
#
```

```
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\250\060\202\002\220\240\003\002\001\002\002\011\000
\376\334\343\001\017\311\110\377\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003
\125\004\003\014\010\103\145\162\164\151\147\156\141\060\036\027
\015\060\067\060\066\062\071\061\065\061\063\060\065\132\027\015
\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020
\006\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163
\061\021\060\017\006\003\125\004\003\014\010\103\145\162\164\151
\147\156\141\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\310\150\361\311\326\326\263\064\165\046\202\036
\354\264\276\352\134\341\046\355\021\107\141\341\242\174\026\170
\100\041\344\140\236\132\310\143\341\304\261\226\222\377\030\155
\151\043\341\053\142\367\335\342\066\057\221\007\271\110\317\016
```

\354\171\266\054\347\064\113\160\010\045\243\074\207\033\031\362  
\201\007\017\070\220\031\323\021\376\206\264\362\321\136\036\036  
\226\315\200\154\316\073\061\223\266\362\240\320\251\225\022\175  
\245\232\314\153\310\204\126\212\063\251\347\042\025\123\026\360  
\314\027\354\127\137\351\242\012\230\011\336\343\137\234\157\334  
\110\343\205\013\025\132\246\272\237\254\110\343\011\262\367\364  
\062\336\136\064\276\034\170\135\102\133\316\016\042\217\115\220  
\327\175\062\030\263\013\054\152\277\216\077\024\021\211\040\016  
\167\024\265\075\224\010\207\367\045\036\325\262\140\000\354\157  
\052\050\045\156\052\076\030\143\027\045\077\076\104\040\026\366  
\046\310\045\256\005\112\264\347\143\054\363\214\026\123\176\134  
\373\021\032\010\301\106\142\237\042\270\361\302\215\151\334\372  
\072\130\006\337\002\003\001\000\001\243\201\274\060\201\271\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\032\355\376\101\071  
\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021\060  
\144\006\003\125\035\043\004\135\060\133\200\024\032\355\376\101  
\071\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021  
\241\070\244\066\060\064\061\013\060\011\006\003\125\004\006\023  
\002\106\122\061\022\060\020\006\003\125\004\012\014\011\104\150  
\151\155\171\157\164\151\163\061\021\060\017\006\003\125\004\003  
\014\010\103\145\162\164\151\147\156\141\202\011\000\376\334\343  
\001\017\311\110\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\021\006\011\140\206\110\001\206\370\102  
\001\001\004\004\003\002\000\007\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\205\003\036\222  
\161\366\102\257\341\243\141\236\353\363\300\017\362\245\324\332  
\225\346\326\276\150\066\075\176\156\037\114\212\357\321\017\041  
\155\136\245\122\143\316\022\370\357\052\332\157\353\067\376\023  
\002\307\313\073\076\042\153\332\141\056\177\324\162\075\335\060  
\341\036\114\100\031\214\017\327\234\321\203\060\173\230\131\334  
\175\306\271\014\051\114\241\063\242\353\147\072\145\204\323\226  
\342\355\166\105\160\217\265\053\336\371\043\326\111\156\074\024  
\265\306\237\065\036\120\320\301\217\152\160\104\002\142\313\256  
\035\150\101\247\252\127\350\123\252\007\322\006\366\325\024\006  
\013\221\003\165\054\154\162\265\141\225\232\015\213\271\015\347  
\365\337\124\315\336\346\330\326\011\010\227\143\345\301\056\260  
\267\104\046\300\046\300\257\125\060\236\073\325\066\052\031\004  
\364\134\036\377\317\054\267\377\320\375\207\100\021\325\021\043  
\273\110\300\041\251\244\050\055\375\025\370\260\116\053\364\060  
\133\041\374\021\221\064\276\101\357\173\235\227\165\377\227\225  
\300\226\130\057\352\273\106\327\273\344\331\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for Certificate "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
END
CKA_CERT_MD5_HASH
MULTILINE_OCTAL
\253\127\246\133\175\102\202\031\265\330\130\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Cybertrust Global Root"
#
# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48
# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
#
# Fingerprint (MD5): 72:E4:4A:87:E3:69:40:80:77:EA:BC:E3:F4:FF:F0:E1
# Fingerprint (SHA1): 5F:43:E5:B1:BF:F8:78:8C:AC:1C:C7:CA:4A:9A:C6:22:2B:CC:34:C6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Cybertrust Global Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\017\205\252\055\110
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\003\241\060\202\002\211\240\003\002\001\002\002\013\004
\000\000\000\000\001\017\205\252\055\110\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\073\061\030\060\026\006
\003\125\004\012\023\017\103\171\142\145\162\164\162\165\163\164
\054\040\111\156\143\061\037\060\035\006\003\125\004\003\023\026
\103\171\142\145\162\164\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\060\036\027\015\060\066\061\062\061\065
\060\070\060\060\060\060\132\027\015\062\061\061\062\061\065\060
\070\060\060\060\060\132\060\073\061\030\060\026\006\003\125\004
\012\023\017\103\171\142\145\162\164\162\165\163\164\054\040\111
\156\143\061\037\060\035\006\003\125\004\003\023\026\103\171\142
\145\162\164\162\165\163\164\040\107\154\157\142\141\154\040\122
\157\157\164\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\370\310\274\275\024\120\146\023\377\360\323\171
\354\043\362\267\032\307\216\205\361\022\163\246\031\252\020\333
\234\242\145\164\132\167\076\121\175\126\366\334\043\266\324\355
\137\130\261\067\115\325\111\016\156\365\152\207\326\322\214\322
\047\306\342\377\066\237\230\145\240\023\116\306\052\144\233\325
\220\022\317\024\006\364\073\343\324\050\276\350\016\370\253\116
\110\224\155\216\225\061\020\134\355\242\055\275\325\072\155\262
\034\273\140\300\106\113\001\365\111\256\176\106\212\320\164\215
\241\014\002\316\356\374\347\217\270\153\146\363\177\104\000\277
\146\045\024\053\335\020\060\035\007\226\077\115\366\153\270\217
\267\173\014\245\070\353\336\107\333\325\135\071\374\210\247\363
\327\052\164\361\350\132\242\073\237\120\272\246\214\105\065\302
```

\120\145\225\334\143\202\357\335\277\167\115\234\142\311\143\163  
\026\320\051\017\111\251\110\360\263\252\267\154\305\247\060\071  
\100\135\256\304\342\135\046\123\360\316\034\043\010\141\250\224  
\031\272\004\142\100\354\037\070\160\167\022\006\161\247\060\030  
\135\045\047\245\002\003\001\000\001\243\201\245\060\201\242\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\266\010\173\015\172  
\314\254\040\114\206\126\062\136\317\253\156\205\055\160\127\060  
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060  
\206\056\150\164\164\160\072\057\057\167\167\167\062\056\160\165  
\142\154\151\143\055\164\162\165\163\164\056\143\157\155\057\143  
\162\154\057\143\164\057\143\164\162\157\157\164\056\143\162\154  
\060\037\006\003\125\035\043\004\030\060\026\200\024\266\010\173  
\015\172\314\254\040\114\206\126\062\136\317\253\156\205\055\160  
\127\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\126\357\012\043\240\124\116\225\227\311\370  
\211\332\105\301\324\243\000\045\364\037\023\253\267\243\205\130  
\151\302\060\255\330\025\212\055\343\311\315\201\132\370\163\043  
\132\247\174\005\363\375\042\073\016\321\006\304\333\066\114\163  
\004\216\345\260\042\344\305\363\056\245\331\043\343\270\116\112  
\040\247\156\002\044\237\042\140\147\173\213\035\162\011\305\061  
\134\351\171\237\200\107\075\255\241\013\007\024\075\107\377\003  
\151\032\014\013\104\347\143\045\247\177\262\311\270\166\204\355  
\043\366\175\007\253\105\176\323\337\263\277\351\212\266\315\250  
\242\147\053\122\325\267\145\360\071\114\143\240\221\171\223\122  
\017\124\335\203\273\237\321\217\247\123\163\303\313\377\060\354  
\174\004\270\330\104\037\223\137\161\011\042\267\156\076\352\034  
\003\116\235\032\040\141\373\201\067\354\136\374\012\105\253\327  
\347\027\125\320\240\352\140\233\246\366\343\214\133\051\302\006  
\140\024\235\055\227\114\251\223\025\235\141\304\001\137\110\326  
\130\275\126\061\022\116\021\310\041\340\263\021\221\145\333\264  
\246\210\070\316\125

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

#

Trust for Certificate "Cybertrust Global Root"

# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"

# Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48

# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"

# Not Valid Before: Fri Dec 15 08:00:00 2006

# Not Valid After : Wed Dec 15 08:00:00 2021

# Fingerprint (MD5): 72:E4:4A:87:E3:69:40:80:77:EA:BC:E3:F4:FF:F0:E1

# Fingerprint (SHA1): 5F:43:E5:B1:BF:F8:78:8C:AC:1C:C7:CA:4A:9A:C6:22:2B:CC:34:C6

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Cybertrust Global Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\103\345\261\277\370\170\214\254\034\307\312\112\232\306\042
\053\314\064\306
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\162\344\112\207\343\151\100\200\167\352\274\343\364\377\360\341
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\017\205\252\055\110
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ePKI Root Certification Authority"
#
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number: 15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034
# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3
# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN
CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040

```



\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145  
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150  
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040  
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145  
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322  
\274\235

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\260\060\202\003\230\240\003\002\001\002\002\020\025  
\310\275\145\107\134\257\270\227\000\136\344\006\322\274\235\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\136  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060  
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141  
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164  
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113  
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036  
\027\015\060\064\061\062\062\060\060\062\063\061\062\067\132\027  
\015\063\064\061\062\062\060\060\062\063\061\062\067\132\060\136  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060  
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141  
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164  
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113  
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\341  
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\116\155  
\235\323\057\024\363\143\164\313\001\041\152\067\352\204\120\007  
\113\046\133\011\103\154\041\236\152\310\325\003\365\140\151\217  
\314\360\042\344\037\347\367\152\042\061\267\054\025\362\340\376  
\000\152\103\377\207\145\306\265\032\301\247\114\155\042\160\041  
\212\061\362\227\164\211\011\022\046\034\236\312\331\022\242\225  
\074\332\351\147\277\010\240\144\343\326\102\267\105\357\227\364  
\366\365\327\265\112\025\002\130\175\230\130\113\140\274\315\327  
\015\232\023\063\123\321\141\371\172\325\327\170\263\232\063\367  
\000\206\316\035\115\224\070\257\250\354\170\121\160\212\134\020

\203\121\041\367\021\075\064\206\136\345\110\315\227\201\202\065  
\114\031\354\145\366\153\305\005\241\356\107\023\326\263\041\047  
\224\020\012\331\044\073\272\276\104\023\106\060\077\227\074\330  
\327\327\152\356\073\070\343\053\324\227\016\271\033\347\007\111  
\177\067\052\371\167\170\317\124\355\133\106\235\243\200\016\221  
\103\301\326\133\137\024\272\237\246\215\044\107\100\131\277\162  
\070\262\066\154\067\377\231\321\135\016\131\012\253\151\367\300  
\262\004\105\172\124\000\256\276\123\366\265\347\341\370\074\243  
\061\322\251\376\041\122\144\305\246\147\360\165\007\006\224\024  
\201\125\306\047\344\001\217\027\301\152\161\327\276\113\373\224  
\130\175\176\021\063\261\102\367\142\154\030\326\317\011\150\076  
\177\154\366\036\217\142\255\245\143\333\011\247\037\042\102\101  
\036\157\231\212\076\327\371\077\100\172\171\260\245\001\222\322  
\235\075\010\025\245\020\001\055\263\062\166\250\225\015\263\172  
\232\373\007\020\170\021\157\341\217\307\272\017\045\032\164\052  
\345\034\230\101\231\337\041\207\350\225\006\152\012\263\152\107  
\166\145\366\072\317\217\142\027\031\173\012\050\315\032\322\203  
\036\041\307\054\277\276\377\141\150\267\147\033\273\170\115\215  
\316\147\345\344\301\216\267\043\146\342\235\220\165\064\230\251  
\066\053\212\232\224\271\235\354\314\212\261\370\045\211\134\132  
\266\057\214\037\155\171\044\247\122\150\303\204\065\342\146\215  
\143\016\045\115\325\031\262\346\171\067\247\042\235\124\061\002  
\003\001\000\001\243\152\060\150\060\035\006\003\125\035\016\004  
\026\004\024\036\014\367\266\147\362\341\222\046\011\105\300\125  
\071\056\167\077\102\112\242\060\014\006\003\125\035\023\004\005  
\060\003\001\001\377\060\071\006\004\147\052\007\000\004\061\060  
\057\060\055\002\001\000\060\011\006\005\053\016\003\002\032\005  
\000\060\007\006\005\147\052\003\000\000\004\024\105\260\302\307  
\012\126\174\356\133\170\014\225\371\030\123\301\246\034\330\020  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\002\001\000\011\263\203\123\131\001\076\225\111\271\361\201  
\272\371\166\040\043\265\047\140\164\324\152\231\064\136\154\000  
\123\331\237\362\246\261\044\007\104\152\052\306\245\216\170\022  
\350\107\331\130\033\023\052\136\171\233\237\012\052\147\246\045  
\077\006\151\126\163\303\212\146\110\373\051\201\127\164\006\312  
\234\352\050\350\070\147\046\053\361\325\265\077\145\223\370\066  
\135\216\215\215\100\040\207\031\352\357\047\300\075\264\071\017  
\045\173\150\120\164\125\234\014\131\175\132\075\101\224\045\122  
\010\340\107\054\025\061\031\325\277\007\125\306\273\022\265\227  
\364\137\203\205\272\161\301\331\154\201\021\166\012\012\260\277  
\202\227\367\352\075\372\372\354\055\251\050\224\073\126\335\322  
\121\056\256\300\275\010\025\214\167\122\064\226\326\233\254\323  
\035\216\141\017\065\173\233\256\071\151\013\142\140\100\040\066  
\217\257\373\066\356\055\010\112\035\270\277\233\134\370\352\245  
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355  
\331\301\220\234\355\275\343\152\065\257\143\337\253\030\331\272  
\346\351\112\352\120\212\017\141\223\036\342\055\031\342\060\224  
\065\222\135\016\266\007\257\031\200\217\107\220\121\113\056\115

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\335\205\342\322\012\122\012\027\232\374\032\260\120\002\345\001
\243\143\067\041\114\104\304\233\121\231\021\016\163\234\006\217
\124\056\247\050\136\104\071\207\126\055\067\275\205\104\224\341
\014\113\054\234\303\222\205\064\141\313\017\270\233\112\103\122
\376\064\072\175\270\351\051\334\166\251\310\060\370\024\161\200
\306\036\066\110\164\042\101\134\207\202\350\030\161\213\101\211
\104\347\176\130\133\250\270\215\023\351\247\154\303\107\355\263
\032\235\142\256\215\202\352\224\236\335\131\020\303\255\335\342
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374
\331\363\370\047\266\311\276\035\264\154\144\220\177\364\344\304
\133\327\067\256\102\016\335\244\032\157\174\210\124\305\026\156
\341\172\150\056\370\072\277\015\244\074\211\073\170\247\116\143
\203\004\041\010\147\215\362\202\111\320\133\375\261\315\017\203
\204\324\076\040\205\367\112\075\053\234\375\052\012\011\115\352
\201\370\021\234
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "ePKI Root Certification Authority"

# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number: 15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d

# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Not Valid Before: Mon Dec 20 02:31:27 2004

# Not Valid After : Wed Dec 20 02:31:27 2034

# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3

# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ePKI Root Certification Authority"

CKA\_CERT\_SHA1\_HASH

MULTILINE\_OCTAL

```
\147\145\015\361\176\216\176\133\202\100\244\364\126\113\317\342
\075\151\306\360
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
```

```
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "certSIGN ROOT CA"
#
#
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number:20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After : Fri Jul 04 17:20:04 2031
# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001
```

\001\005\005\000\060\073\061\013\060\011\006\003\125\004\006\023  
\002\122\117\061\021\060\017\006\003\125\004\012\023\010\143\145  
\162\164\123\111\107\116\061\031\060\027\006\003\125\004\013\023  
\020\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103  
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060  
\064\132\027\015\063\061\060\067\060\064\061\067\062\060\060\064  
\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117  
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123  
\111\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145  
\162\164\123\111\107\116\040\122\117\117\124\040\103\101\060\202  
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\267  
\063\271\176\310\045\112\216\265\333\264\050\033\252\127\220\350  
\321\042\323\144\272\323\223\350\324\254\206\141\100\152\140\127  
\150\124\204\115\274\152\124\002\005\377\337\233\232\052\256\135  
\007\217\112\303\050\177\357\373\053\372\171\361\307\255\360\020  
\123\044\220\213\146\311\250\210\253\257\132\243\000\351\276\272  
\106\356\133\163\173\054\027\202\201\136\142\054\241\002\145\263  
\275\305\053\000\176\304\374\003\063\127\015\355\342\372\316\135  
\105\326\070\315\065\266\262\301\320\234\201\112\252\344\262\001  
\134\035\217\137\231\304\261\255\333\210\041\353\220\010\202\200  
\363\060\243\103\346\220\202\256\125\050\111\355\133\327\251\020  
\070\016\376\217\114\133\233\106\352\101\365\260\010\164\303\320  
\210\063\266\174\327\164\337\334\204\321\103\016\165\071\241\045  
\100\050\352\170\313\016\054\056\071\235\214\213\156\026\034\057  
\046\202\020\342\343\145\224\012\004\300\136\367\135\133\370\020  
\342\320\272\172\113\373\336\067\000\000\032\133\050\343\322\234  
\163\076\062\207\230\241\311\121\057\327\336\254\063\263\117\002  
\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\306\060\035\006\003\125\035\016  
\004\026\004\024\340\214\233\333\045\111\263\361\174\206\326\262  
\102\207\013\320\153\240\331\344\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\076\322\034\211  
\056\065\374\370\165\335\346\177\145\210\364\162\114\311\054\327  
\062\116\363\335\031\171\107\275\216\073\133\223\017\120\111\044  
\023\153\024\006\162\357\011\323\241\241\343\100\204\311\347\030  
\062\164\074\110\156\017\237\113\324\367\036\323\223\206\144\124  
\227\143\162\120\325\125\317\372\040\223\002\242\233\303\043\223  
\116\026\125\166\240\160\171\155\315\041\037\317\057\055\274\031  
\343\210\061\370\131\032\201\011\310\227\246\164\307\140\304\133  
\314\127\216\262\165\375\033\002\011\333\131\157\162\223\151\367  
\061\101\326\210\070\277\207\262\275\026\171\371\252\344\276\210  
\045\335\141\047\043\034\265\061\007\004\066\264\032\220\275\240  
\164\161\120\211\155\274\024\343\017\206\256\361\253\076\307\240  
\011\314\243\110\321\340\333\144\347\222\265\317\257\162\103\160  
\213\371\303\204\074\023\252\176\222\233\127\123\223\372\160\302  
\221\016\061\371\233\147\135\351\226\070\136\137\263\163\116\210

\025\147\336\236\166\020\142\040\276\125\151\225\103\000\071\115

\366\356\260\132\116\111\104\124\130\137\102\203

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "certSIGN ROOT CA"

# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Serial Number:20:06:05:16:70:02

# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Not Valid Before: Tue Jul 04 17:20:04 2006

# Not Valid After

: Fri Jul 04 17:20:04 2031

# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17

# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "certSIGN ROOT CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350

\174\113\057\233

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\030\230\300\326\351\072\374\371\260\365\014\367\113\001\104\027

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061

\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111

\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162

\164\123\111\107\116\040\122\117\117\124\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\040\006\005\026\160\002

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION

CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Primary Certification Authority - G3"

#

# Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use

```
only,O=GeoTrust Inc.,C=US
# Serial Number:15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f
# Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use
only,O=GeoTrust Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): B5:E8:34:36:C9:10:44:58:48:70:6D:2E:83:D4:B8:05
# Fingerprint (SHA1): 03:9E:ED:B8:0B:E7:A0:3C:69:53:89:3B:20:D2:D9:32:3A:4C:2A:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE
CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030
\017\037
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\376\060\202\002\346\240\003\002\001\002\002\020\025
\254\156\224\031\262\171\113\101\366\047\251\303\030\017\037\060
```

\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026  
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163  
\164\040\111\156\143\056\061\071\060\067\006\003\125\004\013\023  
\060\050\143\051\040\062\060\060\070\040\107\145\157\124\162\165  
\163\164\040\111\156\143\056\040\055\040\106\157\162\040\141\165  
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\066\060\064\006\003\125\004\003\023\055\107\145\157\124  
\162\165\163\164\040\120\162\151\155\141\162\171\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\107\063\060\036\027\015\060\070\060  
\064\060\062\060\060\060\060\060\060\132\027\015\063\067\061\062  
\060\061\062\063\065\071\065\071\132\060\201\230\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125  
\004\012\023\015\107\145\157\124\162\165\163\164\040\111\156\143  
\056\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040  
\062\060\060\070\040\107\145\157\124\162\165\163\164\040\111\156  
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\066\060\064  
\006\003\125\004\003\023\055\107\145\157\124\162\165\163\164\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\334\342\136\142\130\035\063\127\071\062\063  
\372\353\313\207\214\247\324\112\335\006\210\352\144\216\061\230  
\245\070\220\036\230\317\056\143\053\360\106\274\104\262\211\241  
\300\050\014\111\160\041\225\237\144\300\246\223\022\002\145\046  
\206\306\245\211\360\372\327\204\240\160\257\117\032\227\077\006  
\104\325\311\353\162\020\175\344\061\050\373\034\141\346\050\007  
\104\163\222\042\151\247\003\210\154\235\143\310\122\332\230\047  
\347\010\114\160\076\264\311\022\301\305\147\203\135\063\363\003  
\021\354\152\320\123\342\321\272\066\140\224\200\273\141\143\154  
\133\027\176\337\100\224\036\253\015\302\041\050\160\210\377\326  
\046\154\154\140\004\045\116\125\176\175\357\277\224\110\336\267  
\035\335\160\215\005\137\210\245\233\362\302\356\352\321\100\101  
\155\142\070\035\126\006\305\003\107\121\040\031\374\173\020\013  
\016\142\256\166\125\277\137\167\276\076\111\001\123\075\230\045  
\003\166\044\132\035\264\333\211\352\171\345\266\263\073\077\272  
\114\050\101\177\006\254\152\216\301\320\366\005\035\175\346\102  
\206\343\245\325\107\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\035\006\003\125\035\016\004\026\004\024\304\171\312\216\241\116  
\003\035\034\334\153\333\061\133\224\076\077\060\177\055\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\055\305\023\317\126\200\173\172\170\275\237\256\054\231  
\347\357\332\337\224\136\011\151\247\347\156\150\214\275\162\276



```
\107\251\016\227\022\270\112\361\144\323\071\337\045\064\324\301
\315\116\201\360\017\004\304\044\263\064\226\306\246\252\060\337
\150\141\163\327\371\216\205\211\357\016\136\225\050\112\052\047
\217\020\216\056\174\206\304\002\236\332\014\167\145\016\104\015
\222\375\375\263\026\066\372\021\015\035\214\016\007\211\152\051
\126\367\162\364\335\025\234\167\065\146\127\253\023\123\330\216
\301\100\305\327\023\026\132\162\307\267\151\001\304\172\261\203
\001\150\175\215\101\241\224\030\301\045\134\374\360\376\203\002
\207\174\015\015\317\056\010\134\112\100\015\076\354\201\141\346
\044\333\312\340\016\055\007\262\076\126\334\215\365\101\205\007
\110\233\014\013\313\111\077\175\354\267\375\313\215\147\211\032
\253\355\273\036\243\000\010\010\027\052\202\134\061\135\106\212
\055\017\206\233\164\331\105\373\324\100\261\172\252\150\055\206
\262\231\042\341\301\053\307\234\370\363\137\250\202\022\353\031
\021\055
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Primary Certification Authority - G3"

# Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust

Inc.,C=US

# Serial Number:15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f

# Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Not Valid Before: Wed Apr 02 00:00:00 2008

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (MD5): B5:E8:34:36:C9:10:44:58:48:70:6D:2E:83:D4:B8:05

# Fingerprint (SHA1): 03:9E:ED:B8:0B:E7:A0:3C:69:53:89:3B:20:D2:D9:32:3A:4C:2A:FD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\003\236\355\270\013\347\240\074\151\123\211\073\040\322\331\062
\072\114\052\375
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\265\350\064\066\311\020\104\130\110\160\155\056\203\324\270\005
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
```

```
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030
\017\037
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "thawte Primary Root CA - G2"

#

# Issuer: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56

# Subject: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 74:9D:EA:60:24:C4:FD:22:53:3E:CC:3A:72:D9:29:4F

# Fingerprint (SHA1): AA:DB:BC:22:23:8F:C4:01:A1:27:BB:38:DD:F4:1D:DB:08:9E:F0:12

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013  
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164  
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165  
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167  
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040  
\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256  
\327\126

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\210\060\202\002\015\240\003\002\001\002\002\020\065  
\374\046\134\331\204\117\311\075\046\075\127\233\256\327\126\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\204\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006  
\003\125\004\012\023\014\164\150\141\167\164\145\054\040\111\156  
\143\056\061\070\060\066\006\003\125\004\013\023\057\050\143\051  
\040\062\060\060\067\040\164\150\141\167\164\145\054\040\111\156  
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042  
\006\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162  
\151\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040  
\107\062\060\036\027\015\060\067\061\061\060\065\060\060\060\060  
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065  
\071\132\060\201\204\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\025\060\023\006\003\125\004\012\023\014\164\150\141  
\167\164\145\054\040\111\156\143\056\061\070\060\066\006\003\125  
\004\013\023\057\050\143\051\040\062\060\060\067\040\164\150\141  
\167\164\145\054\040\111\156\143\056\040\055\040\106\157\162\040  
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157  
\156\154\171\061\044\060\042\006\003\125\004\003\023\033\164\150  
\141\167\164\145\040\120\162\151\155\141\162\171\040\122\157\157  
\164\040\103\101\040\055\040\107\062\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\242\325\234\202\173\225\235\361\122\170\207\376\212\026\277  
\005\346\337\243\002\117\015\007\306\000\121\272\014\002\122\055  
\042\244\102\071\304\376\217\352\311\301\276\324\115\377\237\172  
\236\342\261\174\232\255\247\206\011\163\207\321\347\232\343\172  
\245\252\156\373\272\263\160\300\147\210\242\065\324\243\232\261  
\375\255\302\357\061\372\250\271\363\373\010\306\221\321\373\051  
\225\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377

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\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\232\330\000\060\000\347\153\177\205\030\356\213\266\316\212
\014\370\021\341\273\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\335\370\340\127\107\133\247
\346\012\303\275\365\200\212\227\065\015\033\211\074\124\206\167
\050\312\241\364\171\336\265\346\070\260\360\145\160\214\177\002
\124\302\277\377\330\241\076\331\317\002\061\000\304\215\224\374
\334\123\322\334\235\170\026\037\025\063\043\123\122\343\132\061
\135\235\312\256\275\023\051\104\015\047\133\250\347\150\234\022
\367\130\077\056\162\002\127\243\217\241\024\056
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA - G2"

# Issuer: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56

#

Subject: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 74:9D:EA:60:24:C4:FD:22:53:3E:CC:3A:72:D9:29:4F

# Fingerprint (SHA1): AA:DB:BC:22:23:8F:C4:01:A1:27:BB:38:DD:F4:1D:DB:08:9E:F0:12

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\252\333\274\042\043\217\304\001\241\047\273\070\335\364\035\333
\010\236\360\022
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\164\235\352\140\044\304\375\042\123\076\314\072\162\331\051\117
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END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
```

```

\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "thawte Primary Root CA - G3"
#
# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb
# Subject: CN=thawte Primary Root CA - G3,OU="(c)
2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): FB:1B:5D:43:8A:94:CD:44:C6:76:F2:43:4B:47:E7:31
# Fingerprint (SHA1): F1:8B:53:8D:1B:E9:03:B6:A6:F0:56:43:5B:17:15:89:CA:F3:6B:F2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123

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\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006  
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107  
\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367  
\220\373

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\020\140  
\001\227\267\106\247\352\264\264\232\326\113\057\367\220\373\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025  
\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145\054  
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156\061  
\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062\060  
\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003\125  
\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155\141  
\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063\060  
\036\027\015\060\070\060\064\060\062\060\060\060\060\060\060\132  
\027\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060  
\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145  
\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023  
\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123  
\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156  
\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062  
\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056  
\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145  
\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003  
\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155  
\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\262\277\047\054\373\333\330\133\335\170\173\033\236\167\146

\201\313\076\274\174\256\363\246\047\232\064\243\150\061\161\070  
\063\142\344\363\161\146\171\261\251\145\243\245\213\325\217\140  
\055\077\102\314\252\153\062\300\043\313\054\101\335\344\337\374  
\141\234\342\163\262\042\225\021\103\030\137\304\266\037\127\154  
\012\005\130\042\310\066\114\072\174\245\321\317\206\257\210\247  
\104\002\023\164\161\163\012\102\131\002\370\033\024\153\102\337  
\157\137\272\153\202\242\235\133\347\112\275\036\001\162\333\113  
\164\350\073\177\177\175\037\004\264\046\233\340\264\132\254\107  
\075\125\270\327\260\046\122\050\001\061\100\146\330\331\044\275  
\366\052\330\354\041\111\134\233\366\172\351\177\125\065\176\226  
\153\215\223\223\047\313\222\273\352\254\100\300\237\302\370\200  
\317\135\364\132\334\316\164\206\246\076\154\013\123\312\275\222  
\316\031\006\162\346\014\134\070\151\307\004\326\274\154\316\133  
\366\367\150\234\334\045\025\110\210\241\351\251\370\230\234\340  
\363\325\061\050\141\021\154\147\226\215\071\231\313\302\105\044  
\071\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\255\154\252\224\140\234\355\344\377\372  
\076\012\164\053\143\003\367\266\131\277\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\032\100  
\330\225\145\254\011\222\211\306\071\364\020\345\251\016\146\123  
\135\170\336\372\044\221\273\347\104\121\337\306\026\064\012\357  
\152\104\121\352\053\007\212\003\172\303\353\077\012\054\122\026  
\240\053\103\271\045\220\077\160\251\063\045\155\105\032\050\073  
\047\317\252\303\051\102\033\337\073\114\300\063\064\133\101\210  
\277\153\053\145\257\050\357\262\365\303\252\146\316\173\126\356  
\267\310\313\147\301\311\234\032\030\270\304\303\111\003\361\140  
\016\120\315\106\305\363\167\171\367\266\025\340\070\333\307\057  
\050\240\014\077\167\046\164\331\045\022\332\061\332\032\036\334  
\051\101\221\042\074\151\247\273\002\362\266\134\047\003\211\364  
\006\352\233\344\162\202\343\241\011\301\351\000\031\323\076\324  
\160\153\272\161\246\252\130\256\364\273\351\154\266\357\207\314  
\233\273\377\071\346\126\141\323\012\247\304\134\114\140\173\005  
\167\046\172\277\330\007\122\054\142\367\160\143\331\071\274\157  
\034\302\171\334\166\051\257\316\305\054\144\004\136\210\066\156  
\061\324\100\032\142\064\066\077\065\001\256\254\143\240

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA - G3"

# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US

# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb

# Subject:

```

CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): FB:1B:5D:43:8A:94:CD:44:C6:76:F2:43:4B:47:E7:31
# Fingerprint (SHA1): F1:8B:53:8D:1B:E9:03:B6:A6:F0:56:43:5B:17:15:89:CA:F3:6B:F2
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\361\213\123\215\033\351\003\266\246\360\126\103\133\027\025\211
\312\363\153\362
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\373\033\135\103\212\224\315\104\306\166\362\103\113\107\347\061
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367
\220\373
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GeoTrust Primary Certification Authority - G2"
#
# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c)
2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US
# Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b

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```
# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use
only,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 01:5E:D8:6B:BD:6F:3D:8E:A1:31:F8:12:E0:98:73:6A
# Fingerprint (SHA1): 8D:17:84:D5:37:F3:03:7D:EC:70:FE:57:8B:51:9A:99:E6:10:D7:B0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\256\060\202\002\065\240\003\002\001\002\002\020\074
\262\364\110\012\000\342\376\353\044\073\136\140\076\303\153\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\230\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006
```

\003\125\004\012\023\015\107\145\157\124\162\165\163\164\040\111  
\156\143\056\061\071\060\067\006\003\125\004\013\023\060\050\143  
\051\040\062\060\060\067\040\107\145\157\124\162\165\163\164\040  
\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157  
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\066  
\060\064\006\003\125\004\003\023\055\107\145\157\124\162\165\163  
\164\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\055\040\107\062\060\036\027\015\060\067\061\061\060\065  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\230\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023  
\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061\071  
\060\067\006\003\125\004\013\023\060\050\143\051\040\062\060\060  
\067\040\107\145\157\124\162\165\163\164\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\066\060\064\006\003\125  
\004\003\023\055\107\145\157\124\162\165\163\164\040\120\162\151  
\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\025\261\350\375\003\025\103  
\345\254\353\207\067\021\142\357\322\203\066\122\175\105\127\013  
\112\215\173\124\073\072\156\137\025\002\300\120\246\317\045\057  
\175\312\110\270\307\120\143\034\052\041\010\174\232\066\330\013  
\376\321\046\305\130\061\060\050\045\363\135\135\243\270\266\245  
\264\222\355\154\054\237\353\335\103\211\242\074\113\110\221\035  
\120\354\046\337\326\140\056\275\041\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\025\137\065\127\121\125\373  
\045\262\255\003\151\374\001\243\372\276\021\125\325\060\012\006  
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060  
\144\226\131\246\350\011\336\213\272\372\132\210\210\360\037\221  
\323\106\250\362\112\114\002\143\373\154\137\070\333\056\101\223  
\251\016\346\235\334\061\034\262\240\247\030\034\171\341\307\066  
\002\060\072\126\257\232\164\154\366\373\203\340\063\323\010\137  
\241\234\302\133\237\106\326\266\313\221\006\143\242\006\347\063  
\254\076\250\201\022\320\313\272\320\222\013\266\236\226\252\004  
\017\212

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Primary Certification Authority - G2"

# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use

```

only,O=GeoTrust Inc.,C=US
# Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b
# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use
only,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 01:5E:D8:6B:BD:6F:3D:8E:A1:31:F8:12:E0:98:73:6A
# Fingerprint (SHA1): 8D:17:84:D5:37:F3:03:7D:EC:70:FE:57:8B:51:9A:99:E6:10:D7:B0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority
- G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\027\204\325\067\363\003\175\354\160\376\127\213\121\232\231
\346\020\327\260
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\001\136\330\153\275\157\075\216\241\061\370\022\340\230\163\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "VeriSign Universal Root Certification Authority"
#
# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

```

```
# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d
# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19
# Fingerprint (SHA1): 36:79:CA:35:66:87:72:30:4D:30:A5:FB:87:3B:0F:A7:7B:B7:0D:54
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL
CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035
END
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CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\271\060\202\003\241\240\003\002\001\002\002\020\100  
\032\304\144\041\263\023\041\003\016\273\344\022\032\305\035\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013  
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126  
\145\162\151\123\151\147\156\040\125\156\151\166\145\162\163\141  
\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036  
\027\015\060\070\060\064\060\062\060\060\060\060\060\132\027  
\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060\201  
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013  
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126  
\145\162\151\123\151\147\156\040\125\156\151\166\145\162\163\141  
\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\307  
\141\067\136\261\001\064\333\142\327\025\233\377\130\132\214\043  
\043\326\140\216\221\327\220\230\203\172\346\130\031\070\214\305  
\366\345\144\205\264\242\161\373\355\275\271\332\315\115\000\264  
\310\055\163\245\307\151\161\225\037\071\074\262\104\007\234\350  
\016\372\115\112\304\041\337\051\141\217\062\042\141\202\305\207  
\037\156\214\174\137\026\040\121\104\321\160\117\127\352\343\034  
\343\314\171\356\130\330\016\302\263\105\223\300\054\347\232\027  
\053\173\000\067\172\101\063\170\341\063\342\363\020\032\177\207  
\054\276\366\365\367\102\342\345\277\207\142\211\137\000\113\337  
\305\335\344\165\104\062\101\072\036\161\156\151\313\013\165\106  
\010\321\312\322\053\225\320\317\373\271\100\153\144\214\127\115  
\374\023\021\171\204\355\136\124\366\064\237\010\001\363\020\045  
\006\027\112\332\361\035\172\146\153\230\140\146\244\331\357\322  
\056\202\361\360\357\011\352\104\311\025\152\342\003\156\063\323  
\254\237\125\000\307\366\010\152\224\271\137\334\340\063\361\204  
\140\371\133\047\021\264\374\026\362\273\126\152\200\045\215\002

\003\001\000\001\243\201\262\060\201\257\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\155\006\010\053  
\006\001\005\005\007\001\014\004\141\060\137\241\135\240\133\060  
\131\060\127\060\125\026\011\151\155\141\147\145\057\147\151\146  
\060\041\060\037\060\007\006\005\053\016\003\002\032\004\024\217  
\345\323\032\206\254\215\216\153\303\317\200\152\324\110\030\054  
\173\031\056\060\045\026\043\150\164\164\160\072\057\057\154\157  
\147\157\056\166\145\162\151\163\151\147\156\056\143\157\155\057  
\166\163\154\157\147\157\056\147\151\146\060\035\006\003\125\035  
\016\004\026\004\024\266\167\372\151\110\107\237\123\022\325\302  
\352\007\062\166\007\321\227\007\031\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\001\001\000\112\370\370  
\260\003\346\054\147\173\344\224\167\143\314\156\114\371\175\016  
\015\334\310\271\065\271\160\117\143\372\044\372\154\203\214\107  
\235\073\143\363\232\371\166\062\225\221\261\167\274\254\232\276  
\261\344\061\041\306\201\225\126\132\016\261\302\324\261\246\131  
\254\361\143\313\270\114\035\131\220\112\357\220\026\050\037\132  
\256\020\373\201\120\070\014\154\314\361\075\303\365\143\343\263  
\343\041\311\044\071\351\375\025\146\106\364\033\021\320\115\163  
\243\175\106\371\075\355\250\137\142\324\361\077\370\340\164\127  
\053\030\235\201\264\304\050\332\224\227\245\160\353\254\035\276  
\007\021\360\325\333\335\345\214\360\325\062\260\203\346\127\342  
\217\277\276\241\252\277\075\035\265\324\070\352\327\260\134\072  
\117\152\077\217\300\146\154\143\252\351\331\244\026\364\201\321  
\225\024\016\175\315\225\064\331\322\217\160\163\201\173\234\176  
\275\230\141\330\105\207\230\220\305\353\206\060\306\065\277\360  
\377\303\125\210\203\113\357\005\222\006\161\362\270\230\223\267  
\354\315\202\141\361\070\346\117\227\230\052\132\215

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

# Trust for Certificate "VeriSign Universal Root Certification Authority"

# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d

# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Wed Apr 02 00:00:00 2008

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19

# Fingerprint (SHA1): 36:79:CA:35:66:87:72:30:4D:30:A5:FB:87:3B:0F:A7:7B:B7:0D:54

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\171\312\065\146\207\162\060\115\060\245\373\207\073\017\247
\173\267\015\124
END
CKA_CERT_MD5_HASH
MULTILINE_OCTAL
\216\255\265\001\252\115\201\344\214\035\321\341\024\000\225\031
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"
#
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 3A:52:E1:E7:FD:6F:3A:E3:6F:F3:6F:99:1B:F9:22:41
# Fingerprint (SHA1): 22:D5:D8:DF:8F:02:31:D1:8D:F7:9D:B7:CF:8A:2D:64:C9:3F:6C:3A
CKA_CLASS

```

```
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\204\060\202\003\012\240\003\002\001\002\002\020\057
\200\376\043\214\016\042\017\110\147\022\050\221\207\254\263\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\312\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006
```



\003\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040  
\111\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126  
\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061  
\050\143\051\040\062\060\060\067\040\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165  
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151  
\123\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142  
\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\040\055\040\107\064\060\036\027\015\060\067\061\061  
\060\065\060\060\060\060\060\060\132\027\015\063\070\060\061\061  
\070\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004  
\012\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143  
\056\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151  
\123\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157  
\162\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051  
\040\062\060\060\067\040\126\145\162\151\123\151\147\156\054\040  
\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157  
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105  
\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147  
\156\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\064\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\247\126\172  
\174\122\332\144\233\016\055\134\330\136\254\222\075\376\001\346  
\031\112\075\024\003\113\372\140\047\040\331\203\211\151\372\124  
\306\232\030\136\125\052\144\336\006\366\215\112\073\255\020\074  
\145\075\220\210\004\211\340\060\141\263\256\135\001\247\173\336  
\174\262\276\312\145\141\000\206\256\332\217\173\320\211\255\115  
\035\131\232\101\261\274\107\200\334\236\142\303\371\243\201\262  
\060\201\257\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\155\006\010\053\006\001\005\005\007\001\014  
\004\141\060\137\241\135\240\133\060\131\060\127\060\125\026\011  
\151\155\141\147\145\057\147\151\146\060\041\060\037\060\007\006  
\005\053\016\003\002\032\004\024\217\345\323\032\206\254\215\216  
\153\303\317\200\152\324\110\030\054\173\031\056\060\045\026\043  
\150\164\164\160\072\057\057\154\157\147\157\056\166\145\162\151  
\163\151\147\156\056\143\157\155\057\166\163\154\157\147\157\056  
\147\151\146\060\035\006\003\125\035\016\004\026\004\024\263\026  
\221\375\356\246\156\344\265\056\111\217\207\170\201\200\354\345  
\261\265\060\012\006\010\052\206\110\316\075\004\003\003\003\150  
\000\060\145\002\060\146\041\014\030\046\140\132\070\173\126\102  
\340\247\374\066\204\121\221\040\054\166\115\103\075\304\035\204

```
\043\320\254\326\174\065\006\316\315\151\275\220\015\333\154\110
\102\035\016\252\102\002\061\000\234\075\110\071\043\071\130\032
\025\022\131\152\236\357\325\131\262\035\122\054\231\161\315\307
\051\337\033\052\141\173\161\321\336\363\300\345\015\072\112\252
\055\247\330\206\052\335\056\020
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL

CK\_FALSE

# Trust for Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3

# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 3A:52:E1:E7:FD:6F:3A:E3:6F:F3:6F:99:1B:F9:22:41

# Fingerprint (SHA1): 22:D5:D8:DF:8F:02:31:D1:8D:F7:9D:B7:CF:8A:2D:64:C9:3F:6C:3A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\042\325\330\337\217\002\061\321\215\367\235\267\317\212\055\144
\311\077\154\072
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\072\122\341\347\375\157\072\343\157\363\157\231\033\371\042\101
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
```

```
\165\164\150\157\162\151\164\171\040\055\040\107\064
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "NetLock Arany (Class Gold) Ftanúsítvány"
#
# Issuer: CN=NetLock Arany (Class Gold) F..tan...s..tv..ny,OU=Tan...s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan...s..tv..ny,OU=Tan...s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91
CKA_CLASS
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
END
CKA_ID UTF8 "0"
CKA_ISSUER
MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
```

\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145  
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003  
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303  
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145  
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141  
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303  
\272\163\303\255\164\166\303\241\156\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\111\101\054\344\000\020

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\025\060\202\002\375\240\003\002\001\002\002\006\111  
\101\054\344\000\020\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\060\201\247\061\013\060\011\006\003\125\004\006  
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102  
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012  
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067  
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303  
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\051\061\065\060\063\006\003\125\004\003  
\014\054\116\145\164\114\157\143\153\040\101\162\141\156\171\040  
\050\103\154\141\163\163\040\107\157\154\144\051\040\106\305\221  
\164\141\156\303\272\163\303\255\164\166\303\241\156\171\060\036  
\027\015\060\070\061\062\061\061\061\065\060\070\062\061\132\027  
\015\062\070\061\062\060\066\061\065\060\070\062\061\132\060\201  
\247\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021  
\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145\163  
\164\061\025\060\023\006\003\125\004\012\014\014\116\145\164\114  
\157\143\153\040\113\146\164\056\061\067\060\065\006\003\125\004  
\013\014\056\124\141\156\303\272\163\303\255\164\166\303\241\156  
\171\153\151\141\144\303\263\153\040\050\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163  
\051\061\065\060\063\006\003\125\004\003\014\054\116\145\164\114  
\157\143\153\040\101\162\141\156\171\040\050\103\154\141\163\163  
\040\107\157\154\144\051\040\106\305\221\164\141\156\303\272\163  
\303\255\164\166\303\241\156\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\304\044\136\163\276\113\155  
\024\303\241\364\343\227\220\156\322\060\105\036\074\356\147\331  
\144\340\032\212\177\312\060\312\203\343\040\301\343\364\072\323  
\224\137\032\174\133\155\277\060\117\204\047\366\237\037\111\274  
\306\231\012\220\362\017\365\177\103\204\067\143\121\213\172\245  
\160\374\172\130\315\216\233\355\303\106\154\204\160\135\332\363

\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240  
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224  
\103\013\266\325\131\246\236\126\320\044\037\160\171\257\333\071  
\124\015\145\165\331\025\101\224\001\257\136\354\366\215\361\377  
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166  
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\144\106  
\040\267\160\177\074\336\110\333\226\123\267\071\167\344\032\342  
\307\026\204\166\227\133\057\273\031\025\205\370\151\205\365\231  
\247\251\362\064\247\251\266\246\003\374\157\206\075\124\174\166  
\004\233\153\371\100\135\000\064\307\056\231\165\235\345\210\003  
\252\115\370\003\322\102\166\300\033\002\003\000\250\213\243\105  
\060\103\060\022\006\003\125\035\023\001\001\377\004\010\060\006  
\001\001\377\002\001\004\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\314\372\147\223\360\266\270\320\245\300\036\363\123\375\214  
\123\337\203\327\226\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\253\177\356\034\026\251\234  
\074\121\000\240\300\021\010\005\247\231\346\157\001\210\124\141  
\156\361\271\030\255\112\255\376\201\100\043\224\057\373\165\174  
\057\050\113\142\044\201\202\013\365\141\361\034\156\270\141\070  
\353\201\372\142\241\073\132\142\323\224\145\304\341\346\155\202  
\370\057\045\160\262\041\046\301\162\121\037\214\054\303\204\220  
\303\132\217\272\317\364\247\145\245\353\230\321\373\005\262\106  
\165\025\043\152\157\205\143\060\200\360\325\236\037\051\034\302  
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\177\316  
\361\235\203\275\311\106\156\040\246\371\141\121\272\041\057\173  
\276\245\025\143\241\324\225\207\361\236\271\363\211\363\075\205  
\270\270\333\276\265\271\051\371\332\067\005\000\111\224\003\204  
\104\347\277\103\061\317\165\213\045\321\364\246\144\365\222\366  
\253\005\353\075\351\245\013\066\142\332\314\006\137\066\213\266  
\136\061\270\052\373\136\366\161\337\104\046\236\304\346\015\221  
\264\056\165\225\200\121\152\113\060\246\260\142\241\223\361\233  
\330\316\304\143\165\077\131\107\261

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "NetLock Arany (Class Gold) Ftanúsítvány"

# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

# Serial Number:49:41:2c:e4:00:10

# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

# Not Valid Before: Thu Dec 11 15:08:21 2008

# Not Valid After : Wed Dec 06 15:08:21 2028

# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88

```
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class
Gold) Ftanúsítvány"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\006\010\077\131\077\025\241\004\240\151\244\153\251\003\320\006
\267\227\011\221
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hongkong Post Root CA 1"
#
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023
# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA
# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\060\060\202\002\030\240\003\002\001\002\002\002\003
\350\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061\060\036\027\015\060\063\060
\065\061\065\060\065\061\063\061\064\132\027\015\062\063\060\065
\061\065\060\064\065\062\062\071\132\060\107\061\013\060\011\006
\003\125\004\006\023\002\110\113\061\026\060\024\006\003\125\004
\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164
\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153
\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101
\040\061\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\254\377\070\266\351\146\002\111\343\242\264\341\220
\371\100\217\171\371\342\275\171\376\002\275\356\044\222\035\042
\366\332\205\162\151\376\327\077\011\324\335\221\265\002\234\320
\215\132\341\125\303\120\206\271\051\046\302\343\331\240\361\151
\003\050\040\200\105\042\055\126\247\073\124\225\126\042\131\037
\050\337\037\040\075\155\242\066\276\043\240\261\156\265\261\047
\077\071\123\011\352\253\152\350\164\262\302\145\134\216\277\174
\303\170\204\315\236\026\374\365\056\117\040\052\010\237\167\363
\305\036\304\232\122\146\036\110\136\343\020\006\217\042\230\341
```

```
\145\216\033\135\043\146\073\270\245\062\121\310\206\252\241\251
\236\177\166\224\302\246\154\267\101\360\325\310\006\070\346\324
\014\342\363\073\114\155\120\214\304\203\047\301\023\204\131\075
\236\165\164\266\330\002\136\072\220\172\300\102\066\162\354\152
\115\334\357\304\000\337\023\030\127\137\046\170\310\326\012\171
\167\277\367\257\267\166\271\245\013\204\027\135\020\352\157\341
\253\225\021\137\155\074\243\134\115\203\133\362\263\031\212\200
\213\013\207\002\003\001\000\001\243\046\060\044\060\022\006\003
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\003
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\306
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\016\106\325\074\256\342\207\331\136\201\213\002
\230\101\010\214\114\274\332\333\356\047\033\202\347\152\105\354
\026\213\117\205\240\363\262\160\275\132\226\272\312\156\155\356
\106\213\156\347\052\056\226\263\031\063\353\264\237\250\262\067
\356\230\250\227\266\056\266\147\047\324\246\111\375\034\223\145
\166\236\102\057\334\042\154\232\117\362\132\025\071\261\161\327
\053\121\350\155\034\230\300\331\052\364\241\202\173\325\311\101
\242\043\001\164\070\125\213\017\271\056\147\242\040\004\067\332
\234\013\323\027\041\340\217\227\171\064\157\204\110\002\040\063
\033\346\064\104\237\221\160\364\200\136\204\103\302\051\322\154
\022\024\344\141\215\254\020\220\236\204\120\273\360\226\157\105
\237\212\363\312\154\117\372\021\072\025\025\106\303\315\037\203
\133\055\101\022\355\120\147\101\023\075\041\253\224\212\252\116
\174\301\261\373\247\326\265\047\057\227\253\156\340\035\342\321
\034\054\037\104\342\374\276\221\241\234\373\326\051\123\163\206
\237\123\330\103\016\135\326\143\202\161\035\200\164\312\366\342
\002\153\331\132
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Hongkong Post Root CA 1"

# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Serial Number: 1000 (0x3e8)

# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Not Valid Before: Thu May 15 05:13:14 2003

# Not Valid After : Mon May 15 04:52:29 2023

# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA

# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hongkong Post Root CA 1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL



\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262

\130\262\212\130

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061

\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157

\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003

\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040

\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\002\003\350

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SecureSign RootCA11"

#

# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

# Serial Number: 1 (0x1)

# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

# Not Valid Before: Wed Apr 08 04:56:47 2009

# Not Valid After : Sun Apr 08 04:56:47 2029

# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26

# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SecureSign RootCA11"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061

\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040

\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145

\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032

\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147

\156\040\122\157\157\164\103\101\061\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032  
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147  
\156\040\122\157\157\164\103\101\061\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\155\060\202\002\125\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053  
\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162  
\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032\006  
\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147\156  
\040\122\157\157\164\103\101\061\061\060\036\027\015\060\071\060  
\064\060\070\060\064\065\066\064\067\132\027\015\062\071\060\064  
\060\070\060\064\065\066\064\067\132\060\130\061\013\060\011\006  
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004  
\012\023\042\112\141\160\141\156\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\054  
\040\111\156\143\056\061\034\060\032\006\003\125\004\003\023\023  
\123\145\143\165\162\145\123\151\147\156\040\122\157\157\164\103  
\101\061\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\375\167\252\245\034\220\005\073\313\114\233\063  
\213\132\024\105\244\347\220\026\321\337\127\322\041\020\244\027  
\375\337\254\326\037\247\344\333\174\367\354\337\270\003\332\224  
\130\375\135\162\174\214\077\137\001\147\164\025\226\343\002\074  
\207\333\256\313\001\216\302\363\146\306\205\105\364\002\306\072  
\265\142\262\257\372\234\277\244\346\324\200\060\230\363\015\266  
\223\217\251\324\330\066\362\260\374\212\312\054\241\025\063\225  
\061\332\300\033\362\356\142\231\206\143\077\277\335\223\052\203  
\250\166\271\023\037\267\316\116\102\205\217\042\347\056\032\362  
\225\011\262\005\265\104\116\167\241\040\275\251\362\116\012\175  
\120\255\365\005\015\105\117\106\161\375\050\076\123\373\004\330  
\055\327\145\035\112\033\372\317\073\260\061\232\065\156\310\213  
\006\323\000\221\362\224\010\145\114\261\064\006\000\172\211\342  
\360\307\003\131\317\325\326\350\247\062\263\346\230\100\206\305  
\315\047\022\213\314\173\316\267\021\074\142\140\007\043\076\053  
\100\156\224\200\011\155\266\263\157\167\157\065\010\120\373\002  
\207\305\076\211\002\003\001\000\001\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\133\370\115\117\262\245\206\324

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\072\322\361\143\232\240\276\011\366\127\267\336\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355
\271\042\305\070\046\330\116\117\354\243\177\171\336\106\041\241
\207\167\217\007\010\232\262\244\305\257\017\062\230\013\174\146
\051\266\233\175\045\122\111\103\253\114\056\053\156\172\160\257
\026\016\343\002\154\373\102\346\030\235\105\330\125\310\350\073
\335\347\341\364\056\013\034\064\134\154\130\112\373\214\210\120
\137\225\034\277\355\253\042\265\145\263\205\272\236\017\270\255
\345\172\033\212\120\072\035\275\015\274\173\124\120\013\271\102
\257\125\240\030\201\255\145\231\357\276\344\234\277\304\205\253
\101\262\124\157\334\045\315\355\170\342\216\014\215\011\111\335
\143\173\132\151\226\002\041\250\275\122\131\351\175\065\313\310
\122\312\177\201\376\331\153\323\367\021\355\045\337\370\347\371
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154
\017\353\354\137\200\214\165\103\203\303\205\230\377\114\236\055
\015\344\167\203\223\116\265\226\007\213\050\023\233\214\031\215
\101\047\111\100\356\336\346\043\104\071\334\241\042\326\272\003
\362
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SecureSign RootCA11"

# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

#

Serial Number: 1 (0x1)

# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

# Not Valid Before: Wed Apr 08 04:56:47 2009

# Not Valid After : Sun Apr 08 04:56:47 2029

# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26

# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SecureSign RootCA11"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsec e-Szigno Root CA 2009"
#
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE
CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125

```

\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151  
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006  
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145  
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040  
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015  
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147  
\156\157\056\150\165

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\011\000\302\176\103\004\116\107\077\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\012\060\202\002\362\240\003\002\001\002\002\011\000  
\302\176\103\004\116\107\077\031\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003  
\125\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007  
\014\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003  
\125\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164  
\144\056\061\047\060\045\006\003\125\004\003\014\036\115\151\143  
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122  
\157\157\164\040\103\101\040\062\060\060\071\061\037\060\035\006  
\011\052\206\110\206\367\015\001\011\001\026\020\151\156\146\157  
\100\145\055\163\172\151\147\156\157\056\150\165\060\036\027\015  
\060\071\060\066\061\066\061\061\063\060\061\070\132\027\015\062  
\071\061\062\063\060\061\061\063\060\061\070\132\060\201\202\061  
\013\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017  
\006\003\125\004\007\014\010\102\165\144\141\160\145\163\164\061  
\026\060\024\006\003\125\004\012\014\015\115\151\143\162\157\163  
\145\143\040\114\164\144\056\061\047\060\045\006\003\125\004\003  
\014\036\115\151\143\162\157\163\145\143\040\145\055\123\172\151  
\147\156\157\040\122\157\157\164\040\103\101\040\062\060\060\071  
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026  
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150  
\165\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\351\370\217\363\143\255\332\206\330\247\340\102\373\317  
\221\336\246\046\370\231\245\143\160\255\233\256\312\063\100\175  
\155\226\156\241\016\104\356\341\023\235\224\102\122\232\275\165  
\205\164\054\250\016\035\223\266\030\267\214\054\250\317\373\134  
\161\271\332\354\376\350\176\217\344\057\035\262\250\165\207\330  
\267\241\345\073\317\231\112\106\320\203\031\175\300\241\022\034  
\225\155\112\364\330\307\245\115\063\056\205\071\100\165\176\024  
\174\200\022\230\120\307\101\147\270\240\200\141\124\246\154\116  
\037\340\235\016\007\351\311\272\063\347\376\300\125\050\054\002  
\200\247\031\365\236\334\125\123\003\227\173\007\110\377\231\373  
\067\212\044\304\131\314\120\020\143\216\252\251\032\260\204\032

\206\371\137\273\261\120\156\244\321\012\314\325\161\176\037\247  
\033\174\365\123\156\042\137\313\053\346\324\174\135\256\326\302  
\306\114\345\005\001\331\355\127\374\301\043\171\374\372\310\044  
\203\225\363\265\152\121\001\320\167\326\351\022\241\371\032\203  
\373\202\033\271\260\227\364\166\006\063\103\111\240\377\013\265  
\372\265\002\003\001\000\001\243\201\200\060\176\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\313\017\306\337\102\103\314\075  
\313\265\110\043\241\032\172\246\052\273\064\150\060\037\006\003  
\125\035\043\004\030\060\026\200\024\313\017\306\337\102\103\314  
\075\313\265\110\043\241\032\172\246\052\273\064\150\060\033\006  
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\145  
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\311\321  
\016\136\056\325\314\263\174\076\313\374\075\377\015\050\225\223  
\004\310\277\332\315\171\270\103\220\360\244\276\357\362\357\041  
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\312  
\361\257\212\372\077\013\163\152\076\352\056\100\176\037\256\124  
\141\171\353\056\010\067\327\043\363\214\237\276\035\261\341\244  
\165\333\240\342\124\024\261\272\034\051\244\030\366\022\272\242  
\024\024\343\061\065\310\100\377\267\340\005\166\127\301\034\131  
\362\370\277\344\355\045\142\134\204\360\176\176\037\263\276\371  
\267\041\021\314\003\001\126\160\247\020\222\036\033\064\201\036  
\255\234\032\303\004\074\355\002\141\326\036\006\363\137\072\207  
\362\053\361\105\207\345\075\254\321\307\127\204\275\153\256\334  
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141  
\346\322\333\075\317\310\251\311\233\334\333\130\104\327\157\070  
\257\177\170\323\243\255\032\165\272\034\301\066\174\217\036\155  
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311  
\202\042\055\172\124\253\160\303\175\042\145\202\160\226

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Microsec e-Szigno Root CA 2009"

# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Serial Number:00:c2:7e:43:04:4e:47:3f:19

# Subject:

E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

# Not Valid Before: Tue Jun 16 11:30:18 2009

# Not Valid After : Sun Dec 30 11:30:18 2029

# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1

# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R3"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Serial Number:04:00:00:00:00:01:21:58:53:08:a2
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Not Valid Before: Wed Mar 18 10:00:00 2009
# Not Valid After : Sun Mar 18 10:00:00 2029
# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28
# Fingerprint
(SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\137\060\202\002\107\240\003\002\001\002\002\013\004  
\000\000\000\000\001\041\130\123\010\242\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\114\061\040\060\036\006  
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156  
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060  
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151  
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\071\060\063\061  
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070  
\061\060\060\060\060\060\132\060\114\061\040\060\036\006\003\125  
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\063\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\314\045\166\220\171\006\170\042\026\365  
\300\203\266\204\312\050\236\375\005\166\021\305\255\210\162\374  
\106\002\103\307\262\212\235\004\137\044\313\056\113\341\140\202  
\106\341\122\253\014\201\107\160\154\335\144\321\353\365\054\243  
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023  
\200\167\214\010\341\111\322\152\142\057\037\136\372\226\150\337  
\211\047\225\070\237\006\327\076\311\313\046\131\015\163\336\260  
\310\351\046\016\203\025\306\357\133\213\322\004\140\312\111\246  
\050\366\151\073\366\313\310\050\221\345\235\212\141\127\067\254  
\164\024\334\164\340\072\356\162\057\056\234\373\320\273\277\365  
\075\000\341\006\063\350\202\053\256\123\246\072\026\163\214\335  
\101\016\040\072\300\264\247\241\351\262\117\220\056\062\140\351  
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377



\221\024\357\256\040\111\374\255\100\025\110\321\002\061\141\031  
\136\270\227\357\255\167\267\144\232\172\277\137\301\023\357\233  
\142\373\015\154\340\124\151\026\251\003\332\156\351\203\223\161  
\166\306\151\205\202\027\002\003\001\000\001\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\217\360\113\177\250  
\056\105\044\256\115\120\372\143\232\213\336\342\335\033\274\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\100\333\300\120\252\376\310\014\357\367\226\124  
\105\111\273\226\000\011\101\254\263\023\206\206\050\007\063\312  
\153\346\164\271\272\000\055\256\244\012\323\365\361\361\017\212  
\277\163\147\112\203\307\104\173\170\340\257\156\154\157\003\051  
\216\063\071\105\303\216\344\271\127\154\252\374\022\226\354\123  
\306\055\344\044\154\271\224\143\373\334\123\150\147\126\076\203  
\270\317\065\041\303\311\150\376\316\332\302\123\252\314\220\212  
\351\360\135\106\214\225\335\172\130\050\032\057\035\336\315\000  
\067\101\217\355\104\155\327\123\050\227\176\363\147\004\036\025  
\327\212\226\264\323\336\114\047\244\114\033\163\163\166\364\027  
\231\302\037\172\016\343\055\010\255\012\034\054\377\074\253\125  
\016\017\221\176\066\353\303\127\111\276\341\056\055\174\140\213  
\303\101\121\023\043\235\316\367\062\153\224\001\250\231\347\054  
\063\037\072\073\045\322\206\100\316\073\054\206\170\311\141\057  
\024\272\356\333\125\157\337\204\356\005\011\115\275\050\330\162  
\316\323\142\120\145\036\353\222\227\203\061\331\263\265\312\107  
\130\077\137

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA - R3"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Serial Number:04:00:00:00:00:01:21:58:53:08:a2

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign

Root CA - R3

# Not Valid Before: Wed Mar 18 10:00:00 2009

# Not Valid After : Sun Mar 18 10:00:00 2029

# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28

# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133

```

\205\151\166\255
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\337\270\111\312\005\023\125\356\055\272\032\303\076\260\050
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\041\130\123\010\242
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3
# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion
Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061  
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151  
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141  
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163  
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064  
\060\066\070

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\123\354\073\356\373\262\110\137

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\123  
\354\073\356\373\262\110\137\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\121\061\013\060\011\006\003\125\004  
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071  
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141  
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040  
\101\066\062\066\063\064\060\066\070\060\036\027\015\060\071\060  
\065\062\060\060\070\063\070\061\065\132\027\015\063\060\061\062  
\063\061\060\070\063\070\061\065\132\060\121\061\013\060\011\006  
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004  
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103  
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153  
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175  
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050  
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337  
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014  
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301  
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107  
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053

\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\022\006\003\125\035\023\001  
\001\377\004\010\060\006\001\001\377\002\001\001\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\145\315\353\253\065\036\000\076\176  
\325\164\300\034\264\163\107\016\032\144\057\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143  
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\002\001\000\027\175\240\371\264\335\305\305  
\353\255\113\044\265\241\002\253\335\245\210\112\262\017\125\113  
\053\127\214\073\345\061\335\376\304\062\361\347\133\144\226\066  
\062\030\354\245\062\167\327\343\104\266\300\021\052\200\271\075  
\152\156\174\233\323\255\374\303\326\243\346\144\051\174\321\341  
\070\036\202\053\377\047\145\257\373\026\025\304\056\161\204\345  
\265\377\372\244\107\275\144\062\273\366\045\204\242\047\102\365  
\040\260\302\023\020\021\315\020\025\272\102\220\052\322\104\341  
\226\046\353\061\110\022\375\052\332\311\006\317\164\036\251\113  
\325\207\050\371\171\064\222\076\056\104\350\366\217\117\217\065  
\077\045\263\071\334\143\052\220\153\040\137\304\122\022\116\227  
\054\052\254\235\227\336\110\362\243\146\333\302\322\203\225\246  
\146\247\236\045\017\351\013\063\221\145\012\132\303\331\124\022  
\335\257\303\116\016\037\046\136\015\334\263\215\354\325\201\160  
\336\322\117\044\005\363\154\116\365\114\111\146\215\321\377\322  
\013\045\101\110\376\121\204\306\102\257\200\004\317\320\176\144  
\111\344\362\337\242\354\261\114\300\052\035\347\264\261\145\242  
\304\274\361\230\364\252\160\007\143\264\270\332\073\114\372\100  
\042\060\133\021\246\360\005\016\306\002\003\110\253\206\233\205  
\335\333\335\352\242\166\200\163\175\365\234\004\304\105\215\347

```
\271\034\213\236\352\327\165\321\162\261\336\165\104\347\102\175
\342\127\153\175\334\231\274\075\203\050\352\200\223\215\305\114
\145\301\160\201\270\070\374\103\061\262\366\003\064\107\262\254
\373\042\006\313\036\335\027\107\034\137\146\271\323\032\242\332
\021\261\244\274\043\311\344\276\207\377\271\224\266\370\135\040
\112\324\137\347\275\150\173\145\362\025\036\322\072\251\055\351
\330\153\044\254\227\130\104\107\255\131\030\361\041\145\160\336
\316\064\140\250\100\361\363\074\244\303\050\043\214\376\047\063
\103\100\240\027\074\353\352\073\260\162\246\243\271\112\113\136
\026\110\364\262\274\310\214\222\305\235\237\254\162\066\274\064
\200\064\153\251\213\222\300\270\027\355\354\166\123\365\044\001
\214\263\042\350\113\174\125\306\235\372\243\024\273\145\205\156
\156\117\022\176\012\074\235\225
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:53:ec:3b:ee:fb:b2:48:5f

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Wed May 20 08:38:15 2009

# Not Valid After : Tue Dec 31 08:38:15 2030

# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3

# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL

CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\256\305\373\077\310\341\277\304\345\117\003\007\132\232\350\000
\267\367\266\372
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\163\072\164\172\354\273\243\226\246\302\344\342\310\233\300\303
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "Izenpe.com"
#
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d
# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Not Valid Before: Thu Dec 13 13:08:28 2007
# Not Valid After : Sun Dec 13 08:27:25 2037
# Fingerprint (MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73
# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Izenpe.com"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\361\060\202\003\331\240\003\002\001\002\002\020\000
\260\267\132\026\110\137\277\341\313\365\213\327\031\346\175\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\024\060

```

\022\006\003\125\004\012\014\013\111\132\105\116\120\105\040\123  
\056\101\056\061\023\060\021\006\003\125\004\003\014\012\111\172  
\145\156\160\145\056\143\157\155\060\036\027\015\060\067\061\062  
\061\063\061\063\060\070\062\070\132\027\015\063\067\061\062\061  
\063\060\070\062\067\062\065\132\060\070\061\013\060\011\006\003  
\125\004\006\023\002\105\123\061\024\060\022\006\003\125\004\012  
\014\013\111\132\105\116\120\105\040\123\056\101\056\061\023\060  
\021\006\003\125\004\003\014\012\111\172\145\156\160\145\056\143  
\157\155\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\311\323\172\312\017\036\254\247\206\350\026\145\152  
\261\302\033\105\062\161\225\331\376\020\133\314\257\347\245\171  
\001\217\211\303\312\362\125\161\367\167\276\167\224\363\162\244  
\054\104\330\236\222\233\024\072\241\347\044\220\012\012\126\216  
\305\330\046\224\341\331\110\341\055\076\332\012\162\335\243\231  
\025\332\201\242\207\364\173\156\046\167\211\130\255\326\353\014  
\262\101\172\163\156\155\333\172\170\101\351\010\210\022\176\207  
\056\146\021\143\154\124\373\074\235\162\300\274\056\377\302\267  
\335\015\166\343\072\327\367\264\150\276\242\365\343\201\156\301  
\106\157\135\215\340\115\306\124\125\211\032\063\061\012\261\127  
\271\243\212\230\303\354\073\064\305\225\101\151\176\165\302\074  
\040\305\141\272\121\107\240\040\220\223\241\220\113\363\116\174  
\205\105\124\232\321\005\046\101\260\265\115\035\063\276\304\003  
\310\045\174\301\160\333\073\364\011\055\124\047\110\254\057\341  
\304\254\076\310\313\222\114\123\071\067\043\354\323\001\371\340  
\011\104\115\115\144\300\341\015\132\207\042\274\255\033\243\376  
\046\265\025\363\247\374\204\031\351\354\241\210\264\104\151\204  
\203\363\211\321\164\006\251\314\013\326\302\336\047\205\120\046  
\312\027\270\311\172\207\126\054\032\001\036\154\276\023\255\020  
\254\265\044\365\070\221\241\326\113\332\361\273\322\336\107\265  
\361\274\201\366\131\153\317\031\123\351\215\025\313\112\313\251  
\157\104\345\033\101\317\341\206\247\312\320\152\237\274\114\215  
\006\063\132\242\205\345\220\065\240\142\134\026\116\360\343\242  
\372\003\032\264\054\161\263\130\054\336\173\013\333\032\017\353  
\336\041\037\006\167\006\003\260\311\357\231\374\300\271\117\013  
\206\050\376\322\271\352\343\332\245\303\107\151\022\340\333\360  
\366\031\213\355\173\160\327\002\326\355\207\030\050\054\004\044  
\114\167\344\110\212\032\306\073\232\324\017\312\372\165\322\001  
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CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE



CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Izenpe.com"

# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d

# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Not Valid Before: Thu Dec 13 13:08:28 2007

# Not Valid After : Sun Dec 13 08:27:25 2037

# Fingerprint

(MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73

# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Izenpe.com"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\246\260\315\205\200\332\134\120\064\243\071\220\057\125\147\163

END

CKA\_ISSUER MULTILINE\_OCTAL

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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING

CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Chambers of Commerce Root - 2008"

#

# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Serial Number:00:a3:da:42:7e:a4:b1:ae:da

# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Not Valid Before: Fri Aug 01 12:29:50 2008

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# Not Valid After : Sat Jul 31 12:29:50 2038
# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
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CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT
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\167\110\320
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Chambers of Commerce Root - 2008"

# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Serial Number:00:a3:da:42:7e:a4:b1:ae:da

# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Not Valid Before: Fri Aug 01 12:29:50 2008

# Not Valid After : Sat Jul 31 12:29:50 2038

# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7

# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Chambers of Commerce Root - 2008"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\170\152\164\254\166\253\024\177\234\152\060\120\272\236\250\176
\376\232\316\074
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\136\200\236\204\132\016\145\013\027\002\363\125\030\052\076\327
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\011\000\243\332\102\176\244\261\256\332
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Global Chambersign Root - 2008"

#

# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce

# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Not Valid Before: Fri Aug 01 12:31:40 2008

# Not Valid After : Sat Jul 31 12:31:40

2038

# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3

# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Global Chambersign Root - 2008"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
```

\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\311\315\323\351\325\175\043\316

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\111\060\202\005\061\240\003\002\001\002\002\011\000  
\311\315\323\351\325\175\043\316\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\201\254\061\013\060\011\006\003  
\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007  
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165  
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164  
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056  
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020  
\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067  
\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141  
\155\145\162\146\151\162\155\141\040\123\056\101\056\061\047\060  
\045\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040  
\055\040\062\060\060\070\060\036\027\015\060\070\060\070\060\061  
\061\062\063\061\064\060\132\027\015\063\070\060\067\063\061\061  
\062\063\061\064\060\132\060\201\254\061\013\060\011\006\003\125  
\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007\023  
\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165\162  
\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164\040  
\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056\143  
\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020\006  
\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061  
\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141\155

\145\162\146\151\162\155\141\040\123\056\101\056\061\047\060\045  
\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040\055  
\040\062\060\060\070\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\300\337\126\323\344\072\233\166\105\264  
\023\333\377\301\266\031\213\067\101\030\225\122\107\353\027\235  
\051\210\216\065\154\006\062\056\107\142\363\111\004\277\175\104  
\066\261\161\314\275\132\011\163\325\331\205\104\377\221\127\045  
\337\136\066\216\160\321\134\161\103\035\331\332\357\134\322\373  
\033\275\072\265\313\255\243\314\104\247\015\256\041\025\077\271  
\172\133\222\165\330\244\022\070\211\031\212\267\200\322\342\062  
\157\126\234\221\326\210\020\013\263\164\144\222\164\140\363\366  
\317\030\117\140\262\043\320\307\073\316\141\113\231\217\302\014  
\320\100\262\230\334\015\250\116\243\271\012\256\140\240\255\105  
\122\143\272\146\275\150\340\371\276\032\250\201\273\036\101\170  
\165\323\301\376\000\125\260\207\124\350\047\220\065\035\114\063  
\255\227\374\227\056\230\204\277\054\311\243\277\321\230\021\024  
\355\143\370\312\230\210\130\027\231\355\105\003\227\176\074\206  
\036\210\214\276\362\221\204\217\145\064\330\000\114\175\267\061  
\027\132\051\172\012\030\044\060\243\067\265\172\251\001\175\046  
\326\371\016\216\131\361\375\033\063\265\051\073\027\073\101\266  
\041\335\324\300\075\245\237\237\037\103\120\311\273\274\154\172  
\227\230\356\315\214\037\373\234\121\256\213\160\275\047\237\161  
\300\153\254\175\220\146\350\327\135\072\015\260\325\302\215\325  
\310\235\235\301\155\320\320\277\121\344\343\370\303\070\066\256  
\326\247\165\346\257\204\103\135\223\222\014\152\007\336\073\035  
\230\042\326\254\301\065\333\243\240\045\377\162\265\166\035\336  
\155\351\054\146\054\122\204\320\105\222\316\034\345\345\063\035  
\334\007\123\124\243\252\202\073\232\067\057\334\335\240\144\351  
\346\335\275\256\374\144\205\035\074\247\311\006\336\204\377\153  
\350\153\032\074\305\242\263\102\373\213\011\076\137\010\122\307  
\142\304\324\005\161\277\304\144\344\370\241\203\350\076\022\233  
\250\036\324\066\115\057\161\366\215\050\366\203\251\023\322\141  
\301\221\273\110\300\064\217\101\214\113\114\333\151\022\377\120  
\224\234\040\203\131\163\355\174\241\362\361\375\335\367\111\323  
\103\130\240\126\143\312\075\075\345\065\126\131\351\016\312\040  
\314\053\113\223\051\017\002\003\001\000\001\243\202\001\152\060  
\202\001\146\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\014\060\035\006\003\125\035\016\004\026  
\004\024\271\011\312\234\036\333\323\154\072\153\256\355\124\361  
\133\223\006\065\056\136\060\201\341\006\003\125\035\043\004\201  
\331\060\201\326\200\024\271\011\312\234\036\333\323\154\072\153  
\256\355\124\361\133\223\006\065\056\136\241\201\262\244\201\257  
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141



\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070\202  
\011\000\311\315\323\351\325\175\043\316\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\075\006\003\125\035  
\040\004\066\060\064\060\062\006\004\125\035\040\000\060\052\060  
\050\006\010\053\006\001\005\005\007\002\001\026\034\150\164\164  
\160\072\057\057\160\157\154\151\143\171\056\143\141\155\145\162  
\146\151\162\155\141\056\143\157\155\060\015\006\011\052\206\110  
\206\367\015\001\001\005\005\000\003\202\002\001\000\200\210\177  
\160\336\222\050\331\005\224\106\377\220\127\251\361\057\337\032  
\015\153\372\174\016\034\111\044\171\047\330\106\252\157\051\131  
\122\210\160\022\352\335\075\365\233\123\124\157\341\140\242\250  
\011\271\354\353\131\174\306\065\361\334\030\351\361\147\345\257  
\272\105\340\011\336\312\104\017\302\027\016\167\221\105\172\063  
\137\137\226\054\150\213\301\107\217\230\233\075\300\354\313\365  
\325\202\222\204\065\321\276\066\070\126\162\061\133\107\055\252  
\027\244\143\121\353\012\001\255\177\354\165\236\313\241\037\361  
\177\022\261\271\344\144\177\147\326\043\052\364\270\071\135\230  
\350\041\247\341\275\075\102\032\164\232\160\257\150\154\120\135  
\111\317\377\373\016\135\346\054\107\327\201\072\131\000\265\163  
\153\143\040\366\061\105\010\071\016\364\160\176\100\160\132\077  
\320\153\102\251\164\075\050\057\002\155\165\162\225\011\215\110  
\143\306\306\043\127\222\223\136\065\301\215\371\012\367\054\235  
\142\034\366\255\174\335\246\061\036\266\261\307\176\205\046\372  
\244\152\265\332\143\060\321\357\223\067\262\146\057\175\005\367  
\347\267\113\230\224\065\300\331\072\051\301\235\262\120\063\035  
\112\251\132\246\311\003\357\355\364\347\250\156\212\264\127\204  
\353\244\077\320\356\252\252\207\133\143\350\223\342\153\250\324  
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116  
\000\376\331\152\237\074\061\017\050\002\001\175\230\350\247\260  
\242\144\236\171\370\110\362\025\251\314\346\310\104\353\077\170  
\231\362\173\161\076\074\361\230\247\305\030\022\077\346\273\050  
\063\102\351\105\012\174\155\362\206\171\057\305\202\031\175\011  
\211\174\262\124\166\210\256\336\301\363\314\341\156\333\061\326  
\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036  
\277\300\222\224\064\033\343\047\267\213\036\157\102\377\347\351  
\067\233\120\035\055\242\371\002\356\313\130\130\072\161\274\150  
\343\252\301\257\034\050\037\242\334\043\145\077\201\352\256\231  
\323\330\060\317\023\015\117\025\311\204\274\247\110\055\370\060  
\043\167\330\106\113\171\155\366\214\355\072\177\140\021\170\364  
\351\233\256\325\124\300\164\200\321\013\102\237\301

END

CKA\_NSS\_Mozilla\_CA\_POLICY

```

CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Global Chambersign Root - 2008"
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global
Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at
www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051
\366\326\252\014
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\236\200\377\170\001\014\056\301\066\275\376\226\220\156\010\363
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\011\000\311\315\323\351\325\175\043\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "Go Daddy Root Certificate Authority - G2"
#
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
#
  Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01
# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_ID
  UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\001\000

```

\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012\023  
\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\040  
\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\036\027\015\060\071\060\071\060\061\060  
\060\060\060\060\060\132\027\015\063\067\061\062\063\061\062\063  
\065\071\065\071\132\060\201\203\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\020\060\016\006\003\125\004\010\023\007  
\101\162\151\172\157\156\141\061\023\060\021\006\003\125\004\007  
\023\012\123\143\157\164\164\163\144\141\154\145\061\032\060\030  
\006\003\125\004\012\023\021\107\157\104\141\144\144\171\056\143  
\157\155\054\040\111\156\143\056\061\061\060\057\006\003\125\004  
\003\023\050\107\157\040\104\141\144\144\171\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\277\161\142\010  
\361\372\131\064\367\033\311\030\243\367\200\111\130\351\042\203  
\023\246\305\040\103\001\073\204\361\346\205\111\237\047\352\366  
\204\033\116\240\264\333\160\230\307\062\001\261\005\076\007\116  
\356\364\372\117\057\131\060\042\347\253\031\126\153\342\200\007  
\374\363\026\165\200\071\121\173\345\371\065\266\164\116\251\215  
\202\023\344\266\077\251\003\203\372\242\276\212\025\152\177\336  
\013\303\266\031\024\005\312\352\303\250\004\224\073\106\174\062  
\015\363\000\146\042\310\215\151\155\066\214\021\030\267\323\262  
\034\140\264\070\372\002\214\316\323\335\106\007\336\012\076\353  
\135\174\310\174\373\260\053\123\244\222\142\151\121\045\005\141  
\032\104\201\214\054\251\103\226\043\337\254\072\201\232\016\051  
\305\034\251\351\135\036\266\236\236\060\012\071\316\361\210\200  
\373\113\135\314\062\354\205\142\103\045\064\002\126\047\001\221  
\264\073\160\052\077\156\261\350\234\210\001\175\237\324\371\333  
\123\155\140\235\277\054\347\130\253\270\137\106\374\316\304\033  
\003\074\011\353\111\061\134\151\106\263\340\107\002\003\001\000  
\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\072\232\205\007\020\147\050\266\357\366\275\005\101\156\040  
\301\224\332\017\336\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\231\333\135\171\325\371\227  
\131\147\003\141\361\176\073\006\061\165\055\241\040\216\117\145  
\207\264\367\246\234\274\330\351\057\320\333\132\356\317\164\214  
\163\264\070\102\332\005\173\370\002\165\270\375\245\261\327\256  
\366\327\336\023\313\123\020\176\212\106\321\227\372\267\056\053

```
\021\253\220\260\047\200\371\350\237\132\351\067\237\253\344\337
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353
\200\203\253\232\002\055\265\020\364\330\220\307\004\163\100\355
\162\045\240\251\237\354\236\253\150\022\231\127\306\217\022\072
\011\244\275\104\375\006\025\067\301\233\344\062\243\355\070\350
\330\144\363\054\176\024\374\002\352\237\315\377\007\150\027\333
\042\220\070\055\172\215\321\124\361\151\343\137\063\312\172\075
\173\012\343\312\177\137\071\345\342\165\272\305\166\030\063\316
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006
\305\177\175\325\010\017\342\034\376\176\027\270\254\136\366\324
\026\262\103\011\014\115\366\247\153\264\231\204\145\312\172\210
\342\342\104\276\134\367\352\034\365
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Go Daddy Root Certificate Authority

- G2"

# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01

# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
\124\375\346\213
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\200\072\274\042\301\346\373\215\233\073\047\112\062\033\232\001
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
```

```

\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority
- G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157

```

\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062  
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145  
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062\060  
\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145\154  
\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\036\027\015\060\071\060\071\060\061\060\060\060\060\060  
\060\132\027\015\063\067\061\062\063\061\062\063\065\071\065\071  
\132\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172  
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143  
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004  
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143  
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061  
\062\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151  
\145\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\275\355\301\003\374\366\217\374\002\261\157\133  
\237\110\331\235\171\342\242\267\003\141\126\030\303\107\266\327  
\312\075\065\056\211\103\367\241\151\233\336\212\032\375\023\040  
\234\264\111\167\062\051\126\375\271\354\214\335\042\372\162\334  
\047\141\227\356\366\132\204\354\156\031\271\211\054\334\204\133  
\325\164\373\153\137\305\211\245\020\122\211\106\125\364\270\165  
\034\346\177\344\124\256\113\370\125\162\127\002\031\370\027\161  
\131\353\036\050\007\164\305\235\110\276\154\264\364\244\260\363  
\144\067\171\222\300\354\106\136\177\341\155\123\114\142\257\315  
\037\013\143\273\072\235\373\374\171\000\230\141\164\317\046\202  
\100\143\363\262\162\152\031\015\231\312\324\016\165\314\067\373  
\213\211\301\131\361\142\177\137\263\137\145\060\370\247\267\115

\166\132\036\166\136\064\300\350\226\126\231\212\263\360\177\244  
\315\275\334\062\061\174\221\317\340\137\021\370\153\252\111\134  
\321\231\224\321\242\343\143\133\011\166\265\126\142\341\113\164  
\035\226\324\046\324\010\004\131\320\230\016\016\346\336\374\303  
\354\037\220\361\002\003\001\000\001\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\174\014\062\037\247\331\060  
\177\304\175\150\243\142\250\241\316\253\007\133\047\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001  
\000\021\131\372\045\117\003\157\224\231\073\232\037\202\205\071  
\324\166\005\224\136\341\050\223\155\142\135\011\302\240\250\324  
\260\165\070\361\064\152\235\344\237\212\206\046\121\346\054\321  
\306\055\156\225\040\112\222\001\354\270\212\147\173\061\342\147  
\056\214\225\003\046\056\103\235\112\061\366\016\265\014\273\267  
\342\067\177\042\272\000\243\016\173\122\373\153\273\073\304\323  
\171\121\116\315\220\364\147\007\031\310\074\106\172\015\001\175  
\305\130\347\155\346\205\060\027\232\044\304\020\340\004\367\340  
\362\177\324\252\012\377\102\035\067\355\224\345\144\131\022\040  
\167\070\323\062\076\070\201\165\226\163\372\150\217\261\313\316  
\037\305\354\372\234\176\317\176\261\361\007\055\266\374\277\312  
\244\277\320\227\005\112\274\352\030\050\002\220\275\124\170\011  
\041\161\323\321\175\035\331\026\260\251\141\075\320\012\000\042  
\374\307\173\313\011\144\105\013\073\100\201\367\175\174\062\365  
\230\312\130\216\175\052\356\220\131\163\144\371\066\164\136\045  
\241\365\146\005\056\177\071\025\251\052\373\120\213\216\205\151  
\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Root Certificate Authority - G2"

# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96

# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE



```

CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\071\201\306\122\176\226\151\374\374\312\146\355\005\362\226
END
CKA_ISSUER
MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Services Root Certificate
# Authority - G2"
#
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
# Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
# Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073  
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145  
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073  
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145  
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\357\060\202\002\327\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073\060  
\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145\154  
\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164\040  
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150  
\157\162\151\164\171\040\055\040\107\062\060\036\027\015\060\071  
\060\071\060\061\060\060\060\060\060\060\132\027\015\063\067\061  
\062\063\061\062\063\065\071\065\071\132\060\201\230\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\020\060\016\006\003  
\125\004\010\023\007\101\162\151\172\157\156\141\061\023\060\021  
\006\003\125\004\007\023\012\123\143\157\164\164\163\144\141\154

\145\061\045\060\043\006\003\125\004\012\023\034\123\164\141\162  
\146\151\145\154\144\040\124\145\143\150\156\157\154\157\147\151  
\145\163\054\040\111\156\143\056\061\073\060\071\006\003\125\004  
\003\023\062\123\164\141\162\146\151\145\154\144\040\123\145\162  
\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\325\014\072\304\052\371\116\342\365\276  
\031\227\137\216\210\123\261\037\077\313\317\237\040\023\155\051  
\072\310\017\175\074\367\153\166\070\143\331\066\140\250\233\136  
\134\000\200\262\057\131\177\366\207\371\045\103\206\347\151\033  
\122\232\220\341\161\343\330\055\015\116\157\366\310\111\331\266  
\363\032\126\256\053\266\164\024\353\317\373\046\343\032\272\035  
\226\056\152\073\130\224\211\107\126\377\045\240\223\160\123\203  
\332\204\164\024\303\147\236\004\150\072\337\216\100\132\035\112  
\116\317\103\221\073\347\126\326\000\160\313\122\356\173\175\256  
\072\347\274\061\371\105\366\302\140\317\023\131\002\053\200\314  
\064\107\337\271\336\220\145\155\002\317\054\221\246\246\347\336  
\205\030\111\174\146\116\243\072\155\251\265\356\064\056\272\015  
\003\270\063\337\107\353\261\153\215\045\331\233\316\201\321\105  
\106\062\226\160\207\336\002\016\111\103\205\266\154\163\273\144  
\352\141\101\254\311\324\124\337\207\057\307\042\262\046\314\237  
\131\124\150\237\374\276\052\057\304\125\034\165\100\140\027\205  
\002\125\071\213\177\005\002\003\001\000\001\243\102\060\100\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\035\006\003\125\035\016\004\026\004\024\234\137\000\337\252  
\001\327\060\053\070\210\242\270\155\112\234\362\021\221\203\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\066\246\204\167\151\335\073\031\237\147\043\010  
\157\016\141\311\375\204\334\137\330\066\201\315\330\033\101\055  
\237\140\335\307\032\150\331\321\156\206\341\210\043\317\023\336  
\103\317\342\064\263\004\235\037\051\325\277\370\136\310\325\301  
\275\356\222\157\062\164\362\221\202\057\275\202\102\172\255\052  
\267\040\175\115\274\172\125\022\302\025\352\275\367\152\225\056  
\154\164\237\317\034\264\362\305\001\243\205\320\162\076\255\163  
\253\013\233\165\014\155\105\267\216\224\254\226\067\265\240\320  
\217\025\107\016\343\350\203\335\217\375\357\101\001\167\314\047  
\251\142\205\063\362\067\010\357\161\317\167\006\336\310\031\035  
\210\100\317\175\106\035\377\036\307\341\316\377\043\333\306\372  
\215\125\116\251\002\347\107\021\106\076\364\375\275\173\051\046  
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247  
\322\255\267\051\160\171\352\074\332\143\045\237\375\150\267\060  
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250  
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215  
\261\050\272

END

```

CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Starfield Services Root Certificate Authority - G2"
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\027\065\164\257\173\141\034\353\364\371\074\342\356\100\371\242
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```
#
# Certificate "AffirmTrust Commercial"
#
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust
Commercial"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\167
\167\006\047\046\251\261\174\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163
\164\040\103\157\155\155\145\162\143\151\141\154\060\036\027\015
\061\060\060\061\062\071\061\064\060\066\060\066\132\027\015\063
\060\061\062\063\061\061\064\060\066\060\066\132\060\104\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163
```

\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\366\033\117\147\007\053\241\025\365\006\042\313\037  
\001\262\343\163\105\006\104\111\054\273\111\045\024\326\316\303  
\267\253\054\117\306\101\062\224\127\372\022\247\133\016\342\217  
\037\036\206\031\247\252\265\055\271\137\015\212\302\257\205\065  
\171\062\055\273\034\142\067\362\261\133\112\075\312\315\161\137  
\351\102\276\224\350\310\336\371\042\110\144\306\345\253\306\053  
\155\255\005\360\372\325\013\317\232\345\360\120\244\213\073\107  
\245\043\133\172\172\370\063\077\270\357\231\227\343\040\301\326  
\050\211\317\224\373\271\105\355\343\100\027\021\324\164\360\013  
\061\342\053\046\152\233\114\127\256\254\040\076\272\105\172\005  
\363\275\233\151\025\256\175\116\040\143\304\065\166\072\007\002  
\311\067\375\307\107\356\350\361\166\035\163\025\362\227\244\265  
\310\172\171\331\102\252\053\177\134\376\316\046\117\243\146\201  
\065\257\104\272\124\036\034\060\062\145\235\346\074\223\136\120  
\116\172\343\072\324\156\314\032\373\371\322\067\256\044\052\253  
\127\003\042\050\015\111\165\177\267\050\332\165\277\216\343\334  
\016\171\061\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\235\223\306\123\213\136\312\257\077  
\237\036\017\345\231\225\274\044\366\224\217\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000  
\130\254\364\004\016\315\300\015\377\012\375\324\272\026\137\051  
\275\173\150\231\130\111\322\264\035\067\115\177\047\175\106\006  
\135\103\306\206\056\076\163\262\046\175\117\223\251\266\304\052  
\232\253\041\227\024\261\336\214\323\253\211\025\330\153\044\324  
\361\026\256\330\244\134\324\177\121\216\355\030\001\261\223\143  
\275\274\370\141\200\232\236\261\316\102\160\342\251\175\006\045  
\175\047\241\376\157\354\263\036\044\332\343\113\125\032\000\073  
\065\264\073\331\327\135\060\375\201\023\211\362\302\006\053\355  
\147\304\216\311\103\262\134\153\025\211\002\274\142\374\116\362  
\265\063\252\262\157\323\012\242\120\343\366\073\350\056\104\302  
\333\146\070\251\063\126\110\361\155\033\063\215\015\214\077\140  
\067\235\323\312\155\176\064\176\015\237\162\166\213\033\237\162  
\375\122\065\101\105\002\226\057\034\262\232\163\111\041\261\111  
\107\105\107\264\357\152\064\021\311\115\232\314\131\267\326\002  
\236\132\116\145\265\224\256\033\337\051\260\026\361\277\000\236  
\007\072\027\144\265\004\265\043\041\231\012\225\073\227\174\357  
END  
CKA\_NSS\_MOZILLA\_CA\_POLICY  
CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for Certificate "AffirmTrust Commercial"
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8
"AffirmTrust Commercial"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054
\307\262\170\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Networking"
#
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
#
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174
\117\004\071\034\324\231\055\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163
\164\040\116\145\164\167\157\162\153\151\156\147\060\036\027\015
\061\060\060\061\062\071\061\064\060\070\062\064\132\027\015\063
\060\061\062\063\061\061\064\060\070\062\064\132\060\104\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\157\162\153\151
\156\147\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\264\204\314\063\027\056\153\224\154\153\141\122\240
\353\243\317\171\224\114\345\224\200\231\313\125\144\104\145\217
\147\144\342\006\343\134\067\111\366\057\233\204\204\036\055\362
\140\235\060\116\314\204\205\342\054\317\036\236\376\066\253\063
\167\065\104\330\065\226\032\075\066\350\172\016\330\325\107\241
\152\151\213\331\374\273\072\256\171\132\325\364\326\161\273\232
\220\043\153\232\267\210\164\207\014\036\137\271\236\055\372\253
\123\053\334\273\166\076\223\114\010\010\214\036\242\043\034\324
```



\152\255\042\272\231\001\056\155\145\313\276\044\146\125\044\113  
\100\104\261\033\327\341\302\205\300\336\020\077\075\355\270\374  
\361\361\043\123\334\277\145\227\157\331\371\100\161\215\175\275  
\225\324\316\276\240\136\047\043\336\375\246\320\046\016\000\051  
\353\074\106\360\075\140\277\077\120\322\334\046\101\121\236\024  
\067\102\004\243\160\127\250\033\207\355\055\372\173\356\214\012  
\343\251\146\211\031\313\101\371\335\104\066\141\317\342\167\106  
\310\175\366\364\222\201\066\375\333\064\361\162\176\363\014\026  
\275\264\025\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\007\037\322\347\234\332\302\156\242  
\100\264\260\172\120\020\120\164\304\310\275\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\211\127\262\026\172\250\302\375\326\331\233\233\064\302\234\264  
\062\024\115\247\244\337\354\276\247\276\370\103\333\221\067\316  
\264\062\056\120\125\032\065\116\166\103\161\040\357\223\167\116  
\025\160\056\207\303\301\035\155\334\313\265\047\324\054\126\321  
\122\123\072\104\322\163\310\304\033\005\145\132\142\222\234\356  
\101\215\061\333\347\064\352\131\041\325\001\172\327\144\270\144  
\071\315\311\355\257\355\113\003\110\247\240\231\001\200\334\145  
\243\066\256\145\131\110\117\202\113\310\145\361\127\035\345\131  
\056\012\077\154\330\321\365\345\011\264\154\124\000\012\340\025  
\115\207\165\155\267\130\226\132\335\155\322\000\240\364\233\110  
\276\303\067\244\272\066\340\174\207\205\227\032\025\242\336\056  
\242\133\275\257\030\371\220\120\315\160\131\370\047\147\107\313  
\307\240\007\072\175\321\054\135\154\031\072\146\265\175\375\221  
\157\202\261\276\010\223\333\024\107\361\242\067\307\105\236\074  
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\102\064  
\355\132\000\124\205\034\026\066\222\014\134\372\246\255\277\333  
END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Networking"

# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US

# Serial Number:7c:4f:04:39:1c:d4:99:2d

#

Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:08:24 2010

# Not Valid After : Tue Dec 31 14:08:24 2030

# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F

# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After : Mon Dec 31 14:10:36 2040
# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END

```

```
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\010\155
\214\024\106\261\246\012\356\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\060\101\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\003\014\023\101\146\146\151\162\155\124\162\165\163
\164\040\120\162\145\155\151\165\155\060\036\027\015\061\060\060
\061\062\071\061\064\061\060\063\066\132\027\015\064\060\061\062
\063\061\061\064\061\060\063\066\132\060\101\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125\004
\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061\034
\060\032\006\003\125\004\003\014\023\101\146\146\151\162\155\124
\162\165\163\164\040\120\162\145\155\151\165\155\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\304\022\337
\251\137\376\101\335\335\365\237\212\343\366\254\341\074\170\232
\274\330\360\177\172\240\063\052\334\215\040\133\256\055\157\347
\223\331\066\160\152\150\317\216\121\243\205\133\147\004\240\020
\044\157\135\050\202\301\227\127\330\110\051\023\266\341\276\221
\115\337\205\014\123\030\232\036\044\242\117\217\360\242\205\013
\313\364\051\177\322\244\130\356\046\115\311\252\250\173\232\331
\372\070\336\104\127\025\345\370\214\310\331\110\342\015\026\047
\035\036\310\203\205\045\267\272\252\125\101\314\003\042\113\055
\221\215\213\346\211\257\146\307\351\377\053\351\074\254\332\322
\263\303\341\150\234\211\370\172\000\126\336\364\125\225\154\373
\272\144\335\142\213\337\013\167\062\353\142\314\046\232\233\273
\252\142\203\114\264\006\172\060\310\051\277\355\006\115\227\271
\034\304\061\053\325\137\274\123\022\027\234\231\127\051\146\167
\141\041\061\007\056\045\111\235\030\362\356\363\053\161\214\265
\272\071\007\111\167\374\357\056\222\220\005\215\055\057\167\173
\357\103\277\065\273\232\330\371\163\247\054\362\320\127\356\050
\116\046\137\217\220\150\011\057\270\370\334\006\351\056\232\076
\121\247\321\042\304\012\247\070\110\154\263\371\377\175\253\206
\127\343\272\326\205\170\167\272\103\352\110\177\366\330\276\043
\155\036\277\321\066\154\130\134\361\356\244\031\124\032\365\003
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\322\166\346\341\214\275\074\263\323\110\113\342\310\370\177\222  
\250\166\106\234\102\145\076\244\036\301\007\003\132\106\055\270  
\227\363\267\325\262\125\041\357\272\334\114\000\227\373\024\225  
\047\063\277\350\103\107\106\322\010\231\026\140\073\232\176\322  
\346\355\070\352\354\001\036\074\110\126\111\011\307\114\067\000  
\236\210\016\300\163\341\157\146\351\162\107\060\076\020\345\013  
\003\311\232\102\000\154\305\224\176\141\304\212\337\177\202\032  
\013\131\304\131\062\167\263\274\140\151\126\071\375\264\006\173  
\054\326\144\066\331\275\110\355\204\037\176\245\042\217\052\270  
\102\364\202\267\324\123\220\170\116\055\032\375\201\157\104\327  
\073\001\164\226\102\340\000\342\056\153\352\305\356\162\254\273  
\277\376\352\252\250\370\334\366\262\171\212\266\147\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\235\300\147\246\014\042\331\046\365\105\253\246\145\122\021  
\047\330\105\254\143\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\014\005\000\003\202\002\001\000\263\127\115\020\142\116  
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166  
\050\215\171\252\127\106\027\325\365\122\366\267\104\350\010\104  
\277\030\204\322\013\200\315\305\022\375\000\125\005\141\207\101  
\334\265\044\236\074\304\330\310\373\160\236\057\170\226\203\040  
\066\336\174\017\151\023\210\245\165\066\230\010\246\306\337\254  
\316\343\130\326\267\076\336\272\363\353\064\100\330\242\201\365  
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101  
\360\345\262\162\372\104\202\063\102\350\055\130\367\126\214\142  
\077\272\102\260\234\014\134\176\056\145\046\134\123\117\000\262  
\170\176\241\015\231\055\215\270\035\216\242\304\260\375\140\320  
\060\244\216\310\004\142\251\304\355\065\336\172\227\355\016\070  
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010  
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234  
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000  
\250\270\034\112\002\012\024\320\301\101\312\373\214\065\041\175  
\202\070\362\251\124\221\031\065\223\224\155\152\072\305\262\320  
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\170\106  
\372\374\067\057\345\212\204\363\337\376\004\331\241\150\240\057  
\044\342\011\225\006\325\225\312\341\044\226\353\174\366\223\005  
\273\355\163\351\055\321\165\071\327\347\044\333\330\116\137\103  
\217\236\320\024\071\277\125\160\110\231\127\061\264\234\356\112  
\230\003\226\060\037\140\006\356\033\043\376\201\140\043\032\107  
\142\205\245\314\031\064\200\157\263\254\032\343\237\360\173\110  
\255\325\001\331\147\266\251\162\223\352\055\146\265\262\270\344  
\075\074\262\357\114\214\352\353\007\277\253\065\232\125\206\274  
\030\246\265\250\136\264\203\154\153\151\100\323\237\334\361\303  
\151\153\271\341\155\011\364\361\252\120\166\012\172\175\172\027  
\241\125\226\102\231\061\011\335\140\021\215\005\060\176\346\216  
\106\321\235\024\332\307\027\344\005\226\214\304\044\265\033\317  
\024\007\262\100\370\243\236\101\206\274\004\320\153\226\310\052

\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236

\051\340\266\270\011\150\031\034\030\103

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Premium"

# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US

# Serial Number:6d:8c:14:46:b1:a6:0a:ee

# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:10:36 2010

# Not Valid After : Mon Dec 31 14:10:36 2040

# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57

# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AffirmTrust Premium"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145

\046\062\050\047

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155

\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023

\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155

\151\165\155

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\155\214\024\106\261\246\012\356

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "AffirmTrust Premium ECC"

#

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

```
# Serial Number:74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24
2010
# Not Valid After : Mon Dec 31 14:20:24 2040
# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\164\227\045\212\307\077\172\124
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\376\060\202\001\205\240\003\002\001\002\002\010\164
\227\045\212\307\077\172\124\060\012\006\010\052\206\110\316\075
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\024\060\022\006\003\125\004\012\014\013\101\146\146
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120
\162\145\155\151\165\155\040\105\103\103\060\036\027\015\061\060
\060\061\062\071\061\064\062\060\062\064\132\027\015\064\060\061
\062\063\061\061\064\062\060\062\064\132\060\105\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125
\004\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061
\040\060\036\006\003\125\004\003\014\027\101\146\146\151\162\155
\124\162\165\163\164\040\120\162\145\155\151\165\155\040\105\103
\103\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\015\060\136\033\025\235\003
```

```
\320\241\171\065\267\072\074\222\172\312\025\034\315\142\363\234
\046\134\007\075\345\124\372\243\326\314\022\352\364\024\137\350
\216\031\253\057\056\110\346\254\030\103\170\254\320\067\303\275
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170
\314\067\074\221\342\233\145\053\051\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\232\257\051\172\300\021\065\065
\046\121\060\000\303\152\376\100\325\256\326\074\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060
\027\011\363\207\210\120\132\257\310\300\102\277\107\137\365\154
\152\206\340\304\047\164\344\070\123\327\005\177\033\064\343\306
\057\263\312\011\074\067\235\327\347\270\106\361\375\241\342\161
\002\060\102\131\207\103\324\121\337\272\323\011\062\132\316\210
\176\127\075\234\137\102\153\365\007\055\265\360\202\223\371\131
\157\256\144\372\130\345\213\036\343\143\276\265\201\315\157\002
\214\171
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Premium ECC"

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Serial Number:74:97:25:8a:c7:3f:7a:54

# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:20:24 2010

# Not Valid After : Mon Dec 31 14:20:24 2040

# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D

# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

UTF8 "AffirmTrust Premium ECC"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\270\043\153\000\057\035\026\206\123\001\125\154\021\244\067\312
\353\377\303\273
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
```

```
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\164\227\045\212\307\077\172\124
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted Network CA"
#
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto
Technologies S.A.,C=PL
# Serial Number: 279744 (0x444c0)
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Wed Oct 22 12:07:37 2008
# Not Valid After : Mon Dec 31 12:07:37 2029
# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
```



\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\004\104\300

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\273\060\202\002\243\240\003\002\001\002\002\003\004  
\104\300\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\036\027\015\060\070\061\060\062\062\061\062\060\067\063  
\067\132\027\015\062\071\061\062\063\061\061\062\060\067\063\067  
\132\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\343\373\175\243\162\272\302\360\311\024\207\365\153\001  
\116\341\156\100\007\272\155\047\135\177\367\133\055\263\132\307  
\121\137\253\244\062\246\141\207\266\156\017\206\322\060\002\227  
\370\327\151\127\241\030\071\135\152\144\171\306\001\131\254\074  
\061\112\070\174\322\004\322\113\050\350\040\137\073\007\242\314  
\115\163\333\363\256\117\307\126\325\132\247\226\211\372\363\253  
\150\324\043\206\131\047\317\011\047\274\254\156\162\203\034\060  
\162\337\340\242\351\322\341\164\165\031\275\052\236\173\025\124  
\004\033\327\103\071\255\125\050\305\342\032\273\364\300\344\256  
\070\111\063\314\166\205\237\071\105\322\244\236\362\022\214\121  
\370\174\344\055\177\365\254\137\353\026\237\261\055\321\272\314  
\221\102\167\114\045\311\220\070\157\333\360\314\373\216\036\227  
\131\076\325\140\116\346\005\050\355\111\171\023\113\272\110\333  
\057\371\162\323\071\312\376\037\330\064\162\365\264\100\317\061  
\001\303\354\336\021\055\027\135\037\270\120\321\136\031\247\151  
\336\007\063\050\312\120\225\371\247\124\313\124\206\120\105\251  
\371\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003

```
\125\035\016\004\026\004\024\010\166\315\313\007\377\044\366\305
\315\355\273\220\274\342\204\067\106\165\367\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\246
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162
\260\170\104\343\334\034\257\011\375\043\110\372\275\052\304\271
\125\004\265\020\243\215\047\336\013\202\143\320\356\336\014\067
\171\101\133\042\262\260\232\101\134\246\160\340\324\320\167\313
\043\323\000\340\154\126\057\341\151\015\015\331\252\277\041\201
\120\331\006\245\250\377\225\067\320\252\376\342\263\365\231\055
\105\204\212\345\102\011\327\164\002\057\367\211\330\231\351\274
\047\324\107\215\272\015\106\034\167\317\024\244\034\271\244\061
\304\234\050\164\003\064\377\063\031\046\245\351\015\164\267\076
\227\306\166\350\047\226\243\146\335\341\256\362\101\133\312\230
\126\203\163\160\344\206\032\322\061\101\272\057\276\055\023\132
\166\157\116\350\116\201\016\077\133\003\042\240\022\276\146\130
\021\112\313\003\304\264\052\052\055\226\027\340\071\124\274\110
\323\166\047\235\232\055\006\246\311\354\071\322\253\333\237\232
\013\047\002\065\051\261\100\225\347\371\350\234\125\210\031\106
\326\267\064\365\176\316\071\232\331\070\361\121\367\117\054
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Certum Trusted Network CA"

# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification

Authority,O=Unizeto Technologies S.A.,C=PL

# Serial Number: 279744 (0x444c0)

# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

# Not Valid Before: Wed Oct 22 12:07:37 2008

# Not Valid After : Mon Dec 31 12:07:37 2029

# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78

# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Trusted Network CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247\017\006\236
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Root Certification Authority"
#
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Thu Aug 28 07:24:33 2008
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5):
AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061

```

\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\173\060\202\002\143\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061\022  
\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116\055  
\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157\157  
\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041\124  
\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\036\027\015\060\070\060\070\062\070\060\067\062\064\063\063  
\132\027\015\063\060\061\062\063\061\061\065\065\071\065\071\132  
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\260\176\162\270\244\003\224\346\247\336\011\070\221\112  
\021\100\207\247\174\131\144\024\173\265\021\020\335\376\277\325  
\300\273\126\342\205\045\364\065\162\017\370\123\320\101\341\104  
\001\302\264\034\303\061\102\026\107\205\063\042\166\262\012\157  
\017\345\045\120\117\205\206\276\277\230\056\020\147\036\276\021  
\005\206\005\220\304\131\320\174\170\020\260\200\134\267\341\307  
\053\165\313\174\237\256\265\321\235\043\067\143\247\334\102\242  
\055\222\004\033\120\301\173\270\076\033\311\126\004\213\057\122  
\233\255\251\126\351\301\377\255\251\130\207\060\266\201\367\227  
\105\374\031\127\073\053\157\344\107\364\231\105\376\035\361\370  
\227\243\210\035\067\034\134\217\340\166\045\232\120\370\240\124  
\377\104\220\166\043\322\062\306\303\253\006\277\374\373\277\363  
\255\175\222\142\002\133\051\323\065\243\223\232\103\144\140\135  
\262\372\062\377\073\004\257\115\100\152\371\307\343\357\043\375  
\153\313\345\017\213\070\015\356\012\374\376\017\230\237\060\061  
\335\154\122\145\371\213\201\276\042\341\034\130\003\272\221\033  
\211\007\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125

```
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\152\070\133\046\215\336\213\132\362
\117\172\124\203\031\030\343\010\065\246\272\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\074
\325\167\075\332\337\211\272\207\014\010\124\152\040\120\222\276
\260\101\075\271\046\144\203\012\057\350\100\300\227\050\047\202
\060\112\311\223\377\152\347\246\000\177\211\102\232\326\021\345
\123\316\057\314\362\332\005\304\376\342\120\304\072\206\175\314
\332\176\020\011\073\222\065\052\123\262\376\353\053\005\331\154
\135\346\320\357\323\152\146\236\025\050\205\172\350\202\000\254
\036\247\011\151\126\102\323\150\121\030\276\124\232\277\104\101
\272\111\276\040\272\151\134\356\270\167\315\316\154\037\255\203
\226\030\175\016\265\024\071\204\361\050\351\055\243\236\173\036
\172\162\132\203\263\171\157\357\264\374\320\012\245\130\117\106
\337\373\155\171\131\362\204\042\122\256\017\314\373\174\073\347
\152\312\107\141\303\172\370\323\222\004\037\270\040\204\341\066
\124\026\307\100\336\073\212\163\334\337\306\011\114\337\354\332
\377\324\123\102\241\311\362\142\035\042\203\074\227\305\371\031
\142\047\254\145\042\327\323\074\306\345\216\262\123\314\111\316
\274\060\376\173\016\063\220\373\355\322\024\221\037\007\257
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "TWCA Root Certification Authority"

# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW

# Serial Number: 1 (0x1)

# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW

# Not Valid Before: Thu Aug 28 07:24:33 2008

# Not Valid After : Tue Dec 31 15:59:59 2030

# Fingerprint (MD5): AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79

# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TWCA Root Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\001\001
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Explicitly Distrust DigiNotar Root CA"

#

# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff

# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

# Not Valid Before: Fri Jul 27 17:19:37 2007

# Not Valid After : Mon Mar

31 18:19:22 2025

# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E

# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
```

\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061  
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021  
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156  
\154

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377  
\377\377

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\212\060\202\003\162\240\003\002\001\002\002\020\017  
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060  
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141  
\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151  
\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060  
\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151\156  
\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154\060  
\036\027\015\060\067\060\067\062\067\061\067\061\071\063\067\132  
\027\015\062\065\060\063\063\061\061\070\061\071\062\062\132\060  
\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022  
\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164  
\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147  
\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040  
\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151  
\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\254\260\130\301\000\275\330\041\010\013\053\232\376\156\126  
\060\005\237\033\167\220\020\101\134\303\015\207\021\167\216\201  
\361\312\174\351\214\152\355\070\164\065\273\332\337\371\273\300  
\011\067\264\226\163\201\175\063\032\230\071\367\223\157\225\177  
\075\271\261\165\207\272\121\110\350\213\160\076\225\004\305\330  
\266\303\026\331\210\260\261\207\035\160\332\206\264\017\024\213  
\172\317\020\321\164\066\242\022\173\167\206\112\171\346\173\337  
\002\021\150\245\116\206\256\064\130\233\044\023\170\126\042\045  
\036\001\213\113\121\161\373\202\314\131\226\151\210\132\150\123  
\305\271\015\002\067\313\113\274\146\112\220\176\052\013\005\007  
\355\026\137\125\220\165\330\106\311\033\203\342\010\276\361\043  
\314\231\035\326\052\017\203\040\025\130\047\202\056\372\342\042  
\302\111\261\271\001\201\152\235\155\235\100\167\150\166\116\041  
\052\155\204\100\205\116\166\231\174\202\363\363\267\002\131\324  
\046\001\033\216\337\255\123\006\321\256\030\335\342\262\072\313  
\327\210\070\216\254\133\051\271\031\323\230\371\030\003\317\110  
\202\206\146\013\033\151\017\311\353\070\210\172\046\032\005\114  
\222\327\044\324\226\362\254\122\055\243\107\325\122\366\077\376

\316\204\006\160\246\252\076\242\362\266\126\064\030\127\242\344  
\201\155\347\312\360\152\323\307\221\153\002\203\101\174\025\357  
\153\232\144\136\343\320\074\345\261\353\173\135\206\373\313\346  
\167\111\315\243\145\334\367\271\234\270\344\013\137\223\317\314  
\060\032\062\034\316\034\143\225\245\371\352\341\164\213\236\351  
\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154  
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262  
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042  
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077  
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102  
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323  
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176  
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147  
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216  
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153  
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002  
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004  
\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257  
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362  
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203  
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302  
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150  
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307  
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050  
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350  
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013  
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075  
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114  
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313  
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273  
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235  
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146  
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160  
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007  
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351  
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134  
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045  
\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113  
\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174  
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304  
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012  
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330  
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124  
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163



```
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163
\262\345\214\360\206\231\270\345\305\337\204\301\267\353
END
```

```
#
```

```
Trust for Certificate "Explicitly Distrust DigiNotar Root CA"
```

```
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
```

```
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
```

```
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
```

```
# Not Valid Before: Fri Jul 27 17:19:37 2007
```

```
# Not Valid After : Mon Mar 31 18:19:22 2025
```

```
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
```

```
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260
```

```
\316\272\041\057
```

```
END
```

```
CKA_CERT_MD5_HASH
```

```
MULTILINE_OCTAL
```

```
\012\244\325\314\272\264\373\243\131\343\346\001\335\123\331\116
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
```

```
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
```

```
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
```

```
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
```

```
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
```

```
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
```

```
\154
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
```

```
\377\377
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"
```

```
#
# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
#
Serial Number: 268435455 (0xffffffff)
# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Not Valid Before: Wed May 12 08:51:39 2010
# Not Valid After : Mon Mar 23 09:50:05 2020
# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C
# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141
\156\151\163\141\164\151\145\040\055\040\107\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141
\156\151\163\141\164\151\145\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\225\060\202\004\175\240\003\002\001\002\002\004\017
\377\377\377\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\027\060\025\006\003\125\004\012\014\016\104\151\147\151
\116\157\164\141\162\040\102\056\126\056\061\062\060\060\006\003
\125\004\003\014\051\104\151\147\151\116\157\164\141\162\040\120
\113\111\157\166\145\162\150\145\151\144\040\103\101\040\117\162
\147\141\156\151\163\141\164\151\145\040\055\040\107\062\060\036
\027\015\061\060\060\065\061\062\060\070\065\061\063\071\132\027
\015\062\060\060\063\062\063\060\071\065\060\060\065\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\027\060
```

\025\006\003\125\004\012\014\016\104\151\147\151\116\157\164\141  
\162\040\102\056\126\056\061\062\060\060\006\003\125\004\003\014  
\051\104\151\147\151\116\157\164\141\162\040\120\113\111\157\166  
\145\162\150\145\151\144\040\103\101\040\117\162\147\141\156\151  
\163\141\164\151\145\040\055\040\107\062\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\261\023\031\017\047  
\346\154\324\125\206\113\320\354\211\212\105\221\170\254\107\275  
\107\053\344\374\105\353\117\264\046\163\133\067\323\303\177\366  
\343\336\327\243\370\055\150\305\010\076\113\224\326\344\207\045  
\066\153\204\265\030\164\363\050\130\163\057\233\152\317\274\004  
\036\366\336\335\257\374\113\252\365\333\146\142\045\001\045\202  
\336\362\227\132\020\156\335\135\251\042\261\004\251\043\163\072  
\370\161\255\035\317\204\104\353\107\321\257\155\310\174\050\253  
\307\362\067\172\164\137\137\305\002\024\212\243\132\343\033\154  
\001\343\135\216\331\150\326\364\011\033\062\334\221\265\054\365  
\040\353\214\003\155\046\111\270\223\304\205\135\330\322\233\257  
\126\152\314\005\063\314\240\102\236\064\125\104\234\153\240\324  
\022\320\053\124\315\267\211\015\345\366\353\350\373\205\001\063  
\117\172\153\361\235\162\063\226\016\367\262\204\245\245\047\304  
\047\361\121\163\051\167\272\147\156\376\114\334\264\342\241\241  
\201\057\071\111\215\103\070\023\316\320\245\134\302\207\072\000  
\147\145\102\043\361\066\131\012\035\243\121\310\274\243\224\052  
\061\337\343\074\362\235\032\074\004\260\357\261\012\060\023\163  
\266\327\363\243\114\001\165\024\205\170\300\327\212\071\130\205  
\120\372\056\346\305\276\317\213\077\257\217\066\324\045\011\055  
\322\017\254\162\223\362\277\213\324\120\263\371\025\120\233\231  
\365\024\331\373\213\221\243\062\046\046\240\370\337\073\140\201  
\206\203\171\133\053\353\023\075\051\072\301\155\335\275\236\216  
\207\326\112\256\064\227\005\356\024\246\366\334\070\176\112\351  
\044\124\007\075\227\150\067\106\153\015\307\250\041\257\023\124  
\344\011\152\361\115\106\012\311\135\373\233\117\275\336\373\267  
\124\313\270\070\234\247\071\373\152\055\300\173\215\253\245\247  
\127\354\112\222\212\063\305\341\040\134\163\330\220\222\053\200  
\325\017\206\030\151\174\071\117\204\206\274\367\114\133\363\325  
\264\312\240\302\360\067\042\312\171\122\037\123\346\252\363\220  
\260\073\335\362\050\375\254\353\305\006\044\240\311\324\057\017  
\130\375\265\236\354\017\317\262\131\320\242\004\172\070\152\256  
\162\373\275\360\045\142\224\011\247\005\013\002\003\001\000\001  
\243\202\001\141\060\202\001\135\060\110\006\003\125\035\040\004  
\101\060\077\060\075\006\004\125\035\040\000\060\065\060\063\006  
\010\053\006\001\005\005\007\002\001\026\047\150\164\164\160\072  
\057\057\167\167\167\056\144\151\147\151\156\157\164\141\162\056  
\156\154\057\143\160\163\057\160\153\151\157\166\145\162\150\145  
\151\144\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\205\006\003\125\035\043\004\176\060\174\200  
\024\071\020\213\111\222\134\333\141\022\040\315\111\235\032\216

\332\234\147\100\271\241\136\244\134\060\132\061\013\060\011\006  
\003\125\004\006\023\002\116\114\061\036\060\034\006\003\125\004  
\012\014\025\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004  
\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\040\122\157\157\164\040\103\101  
\040\055\040\107\062\202\004\000\230\226\364\060\111\006\003\125  
\035\037\004\102\060\100\060\076\240\074\240\072\206\070\150\164  
\164\160\072\057\057\143\162\154\056\160\153\151\157\166\145\162  
\150\145\151\144\056\156\154\057\104\157\155\117\162\147\141\156  
\151\163\141\164\151\145\114\141\164\145\163\164\103\122\114\055  
\107\062\056\143\162\154\060\035\006\003\125\035\016\004\026\004  
\024\274\135\224\073\331\253\173\003\045\163\141\302\333\055\356  
\374\253\217\145\241\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\002\001\000\217\374\055\114\267\331\055  
\325\037\275\357\313\364\267\150\027\165\235\116\325\367\335\234  
\361\052\046\355\237\242\266\034\003\325\123\263\354\010\317\064  
\342\343\303\364\265\026\057\310\303\276\327\323\163\253\000\066  
\371\032\112\176\326\143\351\136\106\272\245\266\216\025\267\243  
\052\330\103\035\357\135\310\037\201\205\263\213\367\377\074\364  
\331\364\106\010\077\234\274\035\240\331\250\114\315\045\122\116  
\012\261\040\367\037\351\103\331\124\106\201\023\232\300\136\164  
\154\052\230\062\352\374\167\273\015\245\242\061\230\042\176\174  
\174\347\332\244\255\354\267\056\032\031\161\370\110\120\332\103  
\217\054\204\335\301\100\047\343\265\360\025\116\226\324\370\134  
\343\206\051\106\053\327\073\007\353\070\177\310\206\127\227\323  
\357\052\063\304\027\120\325\144\151\153\053\153\105\136\135\057  
\027\312\132\116\317\303\327\071\074\365\073\237\106\271\233\347  
\016\111\227\235\326\325\343\033\017\352\217\001\116\232\023\224  
\131\012\002\007\110\113\032\140\253\177\117\355\013\330\125\015  
\150\157\125\234\151\145\025\102\354\300\334\335\154\254\303\026  
\316\013\035\126\233\244\304\304\322\056\340\017\342\104\047\053  
\120\151\244\334\142\350\212\041\051\102\154\314\000\072\226\166  
\233\357\100\300\244\136\167\204\062\154\046\052\071\146\256\135  
\343\271\271\262\054\150\037\036\232\220\003\071\360\252\263\244  
\314\111\213\030\064\351\067\311\173\051\307\204\174\157\104\025  
\057\354\141\131\004\311\105\313\242\326\122\242\174\177\051\222  
\326\112\305\213\102\250\324\376\352\330\307\207\043\030\344\235  
\172\175\163\100\122\230\240\256\156\343\005\077\005\017\340\245  
\306\155\115\355\203\067\210\234\307\363\334\102\232\152\266\327  
\041\111\066\167\362\357\030\117\305\160\331\236\351\336\267\053  
\213\364\274\176\050\337\015\100\311\205\134\256\235\305\061\377  
\320\134\016\265\250\176\360\351\057\272\257\210\256\345\265\321  
\130\245\257\234\161\247\051\001\220\203\151\067\202\005\272\374  
\011\301\010\156\214\170\073\303\063\002\200\077\104\205\010\035  
\337\125\126\010\255\054\205\055\135\261\003\341\256\252\164\305  
\244\363\116\272\067\230\173\202\271

END

```

#
Trust for Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"
# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Serial Number: 268435455 (0xffffffff)
# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL
# Not Valid Before: Wed May 12 08:51:39 2010
# Not Valid After : Mon Mar 23 09:50:05 2020
# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C
# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE
CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\325\362\127\251\277\055\320\077\213\106\127\371\053\311\244\306
\222\341\102\102
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\141\242\321\170\316\356\277\131\063\260\043\024\017\224\034
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141
\156\151\163\141\164\151\145\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate
"Security Communication RootCA2"
#
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After : Tue May 29 05:00:39 2029

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# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056
\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151
\143\141\164\151\157\156\040\122\157\157\164\103\101\062\060\036
\027\015\060\071\060\065\062\071\060\065\060\060\063\071\132\027
\015\062\071\060\065\062\071\060\065\060\060\063\071\132\060\135
\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045\060
\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124\162
\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056\054
\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036\123
\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143
\141\164\151\157\156\040\122\157\157\164\103\101\062\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\320\025
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\071\122\261\122\263\272\305\131\202\304\135\122\256\072\103\145  
\200\113\307\362\226\274\333\066\227\326\246\144\214\250\136\360  
\343\012\034\367\337\227\075\113\256\366\135\354\041\265\101\253  
\315\271\176\166\237\276\371\076\066\064\240\073\301\366\061\021  
\105\164\223\075\127\200\305\371\211\231\312\345\253\152\324\265  
\332\101\220\020\301\326\326\102\211\302\277\364\070\022\225\114  
\124\005\367\066\344\105\203\173\024\145\326\334\014\115\321\336  
\176\014\253\073\304\025\276\072\126\246\132\157\166\151\122\251  
\172\271\310\353\152\232\135\122\320\055\012\153\065\026\011\020  
\204\320\152\312\072\006\000\067\107\344\176\127\117\077\213\353  
\147\270\210\252\305\276\123\125\262\221\304\175\271\260\205\031  
\006\170\056\333\141\032\372\205\365\112\221\241\347\026\325\216  
\242\071\337\224\270\160\037\050\077\213\374\100\136\143\203\074  
\203\052\032\231\153\317\336\131\152\073\374\157\026\327\037\375  
\112\020\353\116\202\026\072\254\047\014\123\361\255\325\044\260  
\153\003\120\301\055\074\026\335\104\064\047\032\165\373\002\003  
\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\012\205\251\167\145\005\230\174\100\201\370\017\227\054  
\070\361\012\354\074\317\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\114\072\243\104\254  
\271\105\261\307\223\176\310\013\012\102\337\144\352\034\356\131  
\154\010\272\211\137\152\312\112\225\236\172\217\007\305\332\105  
\162\202\161\016\072\322\314\157\247\264\241\043\273\366\044\237  
\313\027\376\214\246\316\302\322\333\314\215\374\161\374\003\051  
\301\154\135\063\137\144\266\145\073\211\157\030\166\170\365\334  
\242\110\037\031\077\216\223\353\361\372\027\356\315\116\343\004  
\022\125\326\345\344\335\373\076\005\174\342\035\136\306\247\274  
\227\117\150\072\365\351\056\012\103\266\257\127\134\142\150\174  
\267\375\243\212\204\240\254\142\276\053\011\207\064\360\152\001  
\273\233\051\126\074\376\000\067\317\043\154\361\116\252\266\164  
\106\022\154\221\356\064\325\354\232\221\347\104\276\220\061\162  
\325\111\002\366\002\345\364\037\353\174\331\226\125\251\377\354  
\212\371\231\107\377\065\132\002\252\004\313\212\133\207\161\051  
\221\275\244\264\172\015\275\232\365\127\043\000\007\041\027\077  
\112\071\321\005\111\013\247\266\067\201\245\135\214\252\063\136  
\201\050\174\247\175\047\353\000\256\215\067

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Security Communication RootCA2"

# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

```
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After : Tue May 29 05:00:39 2029
# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL
  CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\073\214\362\370\020\263\175\170\264\316\354\031\031\303\163
\064\271\307\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EC-ACC"
#
#
  Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```



```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
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\105\103\055\101\103\103
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CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
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\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
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\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
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CKA_SERIAL_NUMBER
MULTILINE_OCTAL
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END
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CKA\_VALUE MULTILINE\_OCTAL

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\363\061\013\060\011\006\003\125\004\006\023\002\105\123\061\073  
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\040\103\141\164\141\154\141\156\141\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\040\050\116\111\106\040\121  
\055\060\070\060\061\061\067\066\055\111\051\061\050\060\046\006  
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\142\154\151\143\163\040\144\145\040\103\145\162\164\151\146\151  
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\167\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145  
\162\141\162\162\145\154\040\050\143\051\060\063\061\065\060\063  
\006\003\125\004\013\023\054\112\145\162\141\162\161\165\151\141  
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\145\151\163\040\120\165\142\154\151\143\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\061\065\060\063\006  
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\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040  
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\340\050\017\272\102\343\156\216\367\024\047\223\151\356\221\016  
\243\137\016\261\353\146\242\162\117\022\023\206\145\172\076\333  
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\076\322\314\202\242\030\145\063\023\167\236\232\135\032\023\330  
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\164\056\156\145\164\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\240\303\213\104\252\067\245\105\277\227\200\132\321\361\170  
\242\233\351\135\215\060\177\006\003\125\035\040\004\170\060\166  
\060\164\006\013\053\006\001\004\001\365\170\001\003\001\012\060  
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\162\164\056\156\145\164\057\166\145\162\141\162\162\145\154\060  
\065\006\010\053\006\001\005\005\007\002\002\060\051\032\047\126  
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\210\277\102\325\053\075\345\371\272\236\056\263\312\364\163\222  
\002\013\276\114\146\353\040\376\271\313\265\231\177\346\266\023  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "EC-ACC"

# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <https://www.catcert.net/verarrel>

(c)03,OU=Serveis

Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES  
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01  
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu  
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES  
# Not Valid Before: Tue Jan 07 23:00:00 2003  
# Not Valid After : Tue Jan 07 22:59:59 2031  
# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09  
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "EC-ACC"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\050\220\072\143\133\122\200\372\346\167\114\013\155\247\326\272  
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\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
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\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
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CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hellenic Academic and Research Institutions RootCA 2011"

#

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Not Valid Before: Tue Dec 06 13:49:52 2011

# Not Valid After : Mon Dec 01 13:49:52 2031

# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9

# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN

CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122  
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

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\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
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\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
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\024\100\307\334\336\254\101\144\154\264\031\233\002\143\155\044  
\144\217\104\262\045\352\316\135\164\014\143\062\134\215\207\345  
\002\003\001\000\001\243\201\211\060\201\206\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016

```
\004\026\004\024\246\221\102\375\023\141\112\043\236\010\244\051
\345\330\023\004\043\356\101\045\060\107\006\003\125\035\036\004
\100\060\076\240\074\060\005\202\003\056\147\162\060\005\202\003
\056\145\165\060\006\202\004\056\145\144\165\060\006\202\004\056
\157\162\147\060\005\201\003\056\147\162\060\005\201\003\056\145
\165\060\006\201\004\056\145\144\165\060\006\201\004\056\157\162
\147\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\037\357\171\101\341\173\156\077\262\214\206
\067\102\112\116\034\067\036\215\146\272\044\201\311\117\022\017
\041\300\003\227\206\045\155\135\323\042\051\250\154\242\015\251
\353\075\006\133\231\072\307\314\303\232\064\177\253\016\310\116
\034\341\372\344\334\315\015\276\277\044\376\154\347\153\302\015
\310\006\236\116\215\141\050\246\152\375\345\366\142\352\030\074
\116\240\123\235\262\072\234\353\245\234\221\026\266\115\202\340
\014\005\110\251\154\365\314\370\313\235\111\264\360\002\245\375
\160\003\355\212\041\245\256\023\206\111\303\063\163\276\207\073
\164\213\027\105\046\114\026\221\203\376\147\175\315\115\143\147
\372\363\003\022\226\170\006\215\261\147\355\216\077\276\237\117
\002\365\263\011\057\363\114\207\337\052\313\225\174\001\314\254
\066\172\277\242\163\172\367\217\301\265\232\241\024\262\217\063
\237\015\357\042\334\146\173\204\275\105\027\006\075\074\312\271
\167\064\217\312\352\317\077\061\076\343\210\343\200\111\045\310
\227\265\235\232\231\115\260\074\370\112\000\233\144\335\237\071
\113\321\047\327\270
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Hellenic Academic and Research Institutions RootCA 2011"

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Not Valid Before: Tue Dec 06 13:49:52 2011

# Not Valid After : Mon Dec 01 13:49:52 2031

# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9

# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\376\105\145\233\171\003\133\230\241\141\265\121\056\254\332\130
```

```
\011\110\042\115
```

```
END
CKA_CERT_MD5_HASH
MULTILINE_OCTAL
\163\237\114\113\163\133\171\351\372\272\034\357\156\313\325\311
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Explicitly Distrust "MITM subCA 1 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000005 (0x6b49d205)
# Not Before: Apr 7 15:37:15 2011 GMT
# Not After : Apr 4 15:37:15 2021 GMT
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 1 issued by Trustwave"
CKA_ISSUER MULTILINE_OCTAL
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141
```



\100\164\162\165\163\164\167\141\166\145\056\143\157\155

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\004\153\111\322\005

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "MITM subCA 2 issued by Trustwave", Bug 724929

# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number: 1800000006 (0x6b49d206)

# Not Before: Apr 18 21:09:30 2011 GMT

# Not After : Apr 15 21:09:30 2021 GMT

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE

CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "MITM subCA 2 issued by Trustwave"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156

\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150

\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030

\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156

\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004

\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147

\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156

\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060

\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141

\100\164\162\165\163\164\167\141\166\145\056\143\157\155

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\153\111\322\006

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST

CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Actalis Authentication Root CA"

#

```
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\273\060\202\003\243\240\003\002\001\002\002\010\127
\012\021\227\102\304\343\314\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004
\006\023\002\111\124\061\016\060\014\006\003\125\004\007\014\005
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060
\063\063\065\070\065\062\060\071\066\067\061\047\060\045\006\003
\125\004\003\014\036\101\143\164\141\154\151\163\040\101\165\164
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164
\040\103\101\060\036\027\015\061\061\060\071\062\062\061\061\062
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062\062
```

\060\062\132\060\153\061\013\060\011\006\003\125\004\006\023\002  
\111\124\061\016\060\014\006\003\125\004\007\014\005\115\151\154  
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164  
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065  
\070\065\062\060\071\066\067\061\047\060\045\006\003\125\004\003  
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156  
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\247\306\304\245\051\244\054\357\345\030\305\260\120\243\157  
\121\073\237\012\132\311\302\110\070\012\302\034\240\030\177\221  
\265\207\271\100\077\335\035\150\037\010\203\325\055\036\210\240  
\370\217\126\217\155\231\002\222\220\026\325\137\010\154\211\327  
\341\254\274\040\302\261\340\203\121\212\151\115\000\226\132\157  
\057\300\104\176\243\016\344\221\315\130\356\334\373\307\036\105  
\107\335\047\271\010\001\237\246\041\035\365\101\055\057\114\375  
\050\255\340\212\255\042\264\126\145\216\206\124\217\223\103\051  
\336\071\106\170\243\060\043\272\315\360\175\023\127\300\135\322  
\203\153\110\114\304\253\237\200\132\133\072\275\311\247\042\077  
\200\047\063\133\016\267\212\014\135\007\067\010\313\154\322\172  
\107\042\104\065\305\314\314\056\216\335\052\355\267\175\146\015  
\137\141\121\042\125\033\343\106\343\343\075\320\065\142\232\333  
\257\024\310\133\241\314\211\033\341\060\046\374\240\233\037\201  
\247\107\037\004\353\243\071\222\006\237\231\323\277\323\352\117  
\120\234\031\376\226\207\036\074\145\366\243\030\044\203\206\020  
\347\124\076\250\072\166\044\117\201\041\305\343\017\002\370\223  
\224\107\040\273\376\324\016\323\150\271\335\304\172\204\202\343  
\123\124\171\335\333\234\322\362\007\233\056\266\274\076\355\205  
\155\357\045\021\362\227\032\102\141\367\112\227\350\213\261\020  
\007\372\145\201\262\242\071\317\367\074\377\030\373\306\361\132  
\213\131\342\002\254\173\222\320\116\024\117\131\105\366\014\136  
\050\137\260\350\077\105\317\317\257\233\157\373\204\323\167\132  
\225\157\254\224\204\236\356\274\300\112\217\112\223\370\104\041  
\342\061\105\141\120\116\020\330\343\065\174\114\031\264\336\005  
\277\243\006\237\310\265\315\344\037\327\027\006\015\172\225\164  
\125\015\150\032\374\020\033\142\144\235\155\340\225\240\303\224  
\007\127\015\024\346\275\005\373\270\237\346\337\213\342\306\347  
\176\226\366\123\305\200\064\120\050\130\360\022\120\161\027\060  
\272\346\170\143\274\364\262\255\233\053\262\376\341\071\214\136  
\272\013\040\224\336\173\203\270\377\343\126\215\267\021\351\073  
\214\362\261\301\135\235\244\013\114\053\331\262\030\365\265\237  
\113\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\122\330\210\072\310\237\170\146\355\211\363  
\173\070\160\224\311\002\002\066\320\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\122\330\210\072\310\237\170\146\355  
\211\363\173\070\160\224\311\002\002\066\320\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052

\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\013  
\173\162\207\300\140\246\111\114\210\130\346\035\210\367\024\144  
\110\246\330\130\012\016\117\023\065\337\065\035\324\355\006\061  
\310\201\076\152\325\335\073\032\062\356\220\075\021\322\056\364  
\216\303\143\056\043\146\260\147\276\157\266\300\023\071\140\252  
\242\064\045\223\165\122\336\247\235\255\016\207\211\122\161\152  
\026\074\031\035\203\370\232\051\145\276\364\077\232\331\360\363  
\132\207\041\161\200\115\313\340\070\233\077\273\372\340\060\115  
\317\206\323\145\020\031\030\321\227\002\261\053\162\102\150\254  
\240\275\116\132\332\030\277\153\230\201\320\375\232\276\136\025  
\110\315\021\025\271\300\051\134\264\350\210\367\076\066\256\267  
\142\375\036\142\336\160\170\020\034\110\133\332\274\244\070\272  
\147\355\125\076\136\127\337\324\003\100\114\201\244\322\117\143  
\247\011\102\011\024\374\000\251\302\200\163\117\056\300\100\331  
\021\173\110\352\172\002\300\323\353\050\001\046\130\164\301\300  
\163\042\155\223\225\375\071\175\273\052\343\366\202\343\054\227  
\137\116\037\221\224\372\376\054\243\330\166\032\270\115\262\070  
\117\233\372\035\110\140\171\046\342\363\375\251\320\232\350\160  
\217\111\172\326\345\275\012\016\333\055\363\215\277\353\343\244  
\175\313\307\225\161\350\332\243\174\305\302\370\164\222\004\033  
\206\254\244\042\123\100\266\254\376\114\166\317\373\224\062\300  
\065\237\166\077\156\345\220\156\240\246\046\242\270\054\276\321  
\053\205\375\247\150\310\272\001\053\261\154\164\035\270\163\225  
\347\356\267\307\045\360\000\114\000\262\176\266\013\213\034\363  
\300\120\236\045\271\340\010\336\066\146\377\067\245\321\273\124  
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274  
\177\244\101\041\220\101\167\246\071\037\352\236\343\237\320\146  
\157\005\354\252\166\176\277\153\026\240\353\265\307\374\222\124  
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024  
\361\152\110\025\377\302\007\266\261\215\017\216\134\120\106\263  
\075\277\001\230\117\262\131\124\107\076\064\173\170\155\126\223  
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056  
\216\362\024\212\314\351\265\174\373\154\235\014\245\341\226

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

# Trust for "Actalis Authentication Root CA"

# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Serial Number:57:0a:11:97:42:c4:e3:cc

# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Not Valid Before: Thu Sep 22 11:22:02 2011

# Not Valid After : Sun Sep 22 11:22:02 2030

# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6

# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustis FPS Root CA"
#
# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Serial Number:1b:1f:ad:b6:20:f9:24:d3:36:6b:f7:c7:f1:8c:a0:59
# Subject: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Not Valid Before: Tue Dec 23 12:14:06 2003
# Not Valid
  After : Sun Jan 21 11:36:54 2024
# Fingerprint (MD5): 30:C9:E7:1E:6B:E6:14:EB:65:B2:16:69:20:31:67:4D
# Fingerprint (SHA1): 3B:C0:38:0B:33:C3:F6:A6:0C:86:15:22:93:D9:DF:F5:4B:81:C0:04
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustis FPS Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061  
\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151  
\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125  
\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040  
\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061  
\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151  
\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125  
\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040  
\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\033\037\255\266\040\371\044\323\066\153\367\307\361\214  
\240\131

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\147\060\202\002\117\240\003\002\001\002\002\020\033  
\037\255\266\040\371\044\323\066\153\367\307\361\214\240\131\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\105  
\061\013\060\011\006\003\125\004\006\023\002\107\102\061\030\060  
\026\006\003\125\004\012\023\017\124\162\165\163\164\151\163\040  
\114\151\155\151\164\145\144\061\034\060\032\006\003\125\004\013  
\023\023\124\162\165\163\164\151\163\040\106\120\123\040\122\157  
\157\164\040\103\101\060\036\027\015\060\063\061\062\062\063\061  
\062\061\064\060\066\132\027\015\062\064\060\061\062\061\061\061  
\063\066\065\064\132\060\105\061\013\060\011\006\003\125\004\006  
\023\002\107\102\061\030\060\026\006\003\125\004\012\023\017\124  
\162\165\163\164\151\163\040\114\151\155\151\164\145\144\061\034  
\060\032\006\003\125\004\013\023\023\124\162\165\163\164\151\163  
\040\106\120\123\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\305\120\173  
\236\073\065\320\337\304\214\315\216\233\355\243\300\066\231\364  
\102\352\247\076\200\203\017\246\247\131\207\311\220\105\103\176  
\000\352\206\171\052\003\275\075\067\231\211\146\267\345\212\126  
\206\223\234\150\113\150\004\214\223\223\002\076\060\322\067\072  
\042\141\211\034\205\116\175\217\325\257\173\065\366\176\050\107  
\211\061\334\016\171\144\037\231\322\133\272\376\177\140\277\255  
\353\347\074\070\051\152\057\345\221\013\125\377\354\157\130\325  
\055\311\336\114\146\161\217\014\327\004\332\007\346\036\030\343  
\275\051\002\250\372\034\341\133\271\203\250\101\110\274\032\161  
\215\347\142\345\055\262\353\337\174\317\333\253\132\312\061\361  
\114\042\363\005\023\367\202\371\163\171\014\276\327\113\034\300  
\321\025\074\223\101\144\321\346\276\043\027\042\000\211\136\037

\153\245\254\156\247\113\214\355\243\162\346\257\143\115\057\205  
\322\024\065\232\056\116\214\352\062\230\050\206\241\221\011\101  
\072\264\341\343\362\372\360\311\012\242\101\335\251\343\003\307  
\210\025\073\034\324\032\224\327\237\144\131\022\155\002\003\001  
\000\001\243\123\060\121\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\037\006\003\125\035\043\004\030  
\060\026\200\024\272\372\161\045\171\213\127\101\045\041\206\013  
\161\353\262\144\016\213\041\147\060\035\006\003\125\035\016\004  
\026\004\024\272\372\161\045\171\213\127\101\045\041\206\013\161  
\353\262\144\016\213\041\147\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\176\130\377\375\065  
\031\175\234\030\117\236\260\053\274\216\214\024\377\054\240\332  
\107\133\303\357\201\055\257\005\352\164\110\133\363\076\116\007  
\307\155\305\263\223\317\042\065\134\266\077\165\047\137\011\226  
\315\240\376\276\100\014\134\022\125\370\223\202\312\051\351\136  
\077\126\127\213\070\066\367\105\032\114\050\315\236\101\270\355  
\126\114\204\244\100\310\270\260\245\053\151\160\004\152\303\370  
\324\022\062\371\016\303\261\334\062\204\104\054\157\313\106\017  
\352\146\101\017\117\361\130\245\246\015\015\017\141\336\245\236  
\135\175\145\241\074\027\347\250\125\116\357\240\307\355\306\104  
\177\124\365\243\340\217\360\174\125\042\217\051\266\201\243\341  
\155\116\054\033\200\147\354\255\040\237\014\142\141\325\227\377  
\103\355\055\301\332\135\051\052\205\077\254\145\356\206\017\005  
\215\220\137\337\356\237\364\277\356\035\373\230\344\177\220\053  
\204\170\020\016\154\111\123\357\025\133\145\106\112\135\257\272  
\373\072\162\035\315\366\045\210\036\227\314\041\234\051\001\015  
\145\353\127\331\363\127\226\273\110\315\201

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Trustis FPS Root CA"

# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB

# Serial Number: 1b:1f:ad:b6:20:f9:24:d3:36:6b:f7:c7:f1:8c:a0:59

#

Subject: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB

# Not Valid Before: Tue Dec 23 12:14:06 2003

# Not Valid After : Sun Jan 21 11:36:54 2024

# Fingerprint (MD5): 30:C9:E7:1E:6B:E6:14:EB:65:B2:16:69:20:31:67:4D

# Fingerprint (SHA1): 3B:C0:38:0B:33:C3:F6:A6:0C:86:15:22:93:D9:DF:F5:4B:81:C0:04

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Trustis FPS Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\073\300\070\013\063\303\366\246\014\206\025\042\223\331\337\365

\113\201\300\004

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\060\311\347\036\153\346\024\353\145\262\026\151\040\061\147\115

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061

\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151

\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125

\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040

\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\033\037\255\266\040\371\044\323\066\153\367\307\361\214

\240\131

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Buypass Class 2 Root CA"

#

# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO

# Not Valid Before: Tue Oct 26 08:38:03 2010

# Not Valid After : Fri Oct 26 08:38:03 2040

# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29

# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Buypass Class 2

Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061

\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163

\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040

\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163

\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"



CKA\_ISSUER MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002  
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\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\063\070\060\063\132  
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\327\307\136\367\301\007\324\167\373\103\041\364\364\365\151\344  
\356\062\001\333\243\206\037\344\131\015\272\347\165\203\122\353  
\352\034\141\025\110\273\035\007\312\214\256\260\334\226\235\352  
\303\140\222\206\202\050\163\234\126\006\377\113\144\360\014\052  
\067\111\265\345\317\014\174\356\361\112\273\163\060\145\363\325  
\057\203\266\176\343\347\365\236\253\140\371\323\361\235\222\164  
\212\344\034\226\254\133\200\351\265\364\061\207\243\121\374\307  
\176\241\157\216\123\167\324\227\301\125\063\222\076\030\057\165  
\324\255\206\111\313\225\257\124\006\154\330\006\023\215\133\377  
\341\046\031\131\300\044\272\201\161\171\220\104\120\150\044\224  
\137\270\263\021\361\051\101\141\243\101\313\043\066\325\301\361  
\062\120\020\116\177\364\206\223\354\204\323\216\274\113\277\134  
\001\116\007\075\334\024\212\224\012\244\352\163\373\013\121\350  
\023\007\030\372\016\361\053\321\124\025\175\074\341\367\264\031  
\102\147\142\136\167\340\242\125\354\266\331\151\027\325\072\257  
\104\355\112\305\236\344\172\047\174\345\165\327\252\313\045\347  
\337\153\012\333\017\115\223\116\250\240\315\173\056\362\131\001  
\152\267\015\270\007\201\176\213\070\033\070\346\012\127\231\075  
\356\041\350\243\365\014\026\335\213\354\064\216\234\052\034\000  
\025\027\215\150\203\322\160\237\030\010\315\021\150\325\311\153  
\122\315\304\106\217\334\265\363\330\127\163\036\351\224\071\004

\277\323\336\070\336\264\123\354\151\034\242\176\304\217\344\033  
\160\255\362\242\371\373\367\026\144\146\151\237\111\121\242\342  
\025\030\147\006\112\177\325\154\265\115\263\063\340\141\353\135  
\276\351\230\017\062\327\035\113\074\056\132\001\122\221\011\362  
\337\352\215\330\006\100\143\252\021\344\376\303\067\236\024\122  
\077\364\342\314\362\141\223\321\375\147\153\327\122\256\277\150  
\253\100\103\240\127\065\123\170\360\123\370\141\102\007\144\306  
\327\157\233\114\070\015\143\254\142\257\066\213\242\163\012\015  
\365\041\275\164\252\115\352\162\003\111\333\307\137\035\142\143  
\307\375\335\221\354\063\356\365\155\264\156\060\150\336\310\326  
\046\260\165\136\173\264\007\040\230\241\166\062\270\115\154\117  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\311\200\167\340\142\222\202\365\106\234\363  
\272\367\114\303\336\270\243\255\071\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\123\137\041  
\365\272\260\072\122\071\054\222\260\154\000\311\357\316\040\357  
\006\362\226\236\351\244\164\177\172\026\374\267\365\266\373\025  
\033\077\253\246\300\162\135\020\261\161\356\274\117\343\255\254  
\003\155\056\161\056\257\304\343\255\243\275\014\021\247\264\377  
\112\262\173\020\020\037\247\127\101\262\300\256\364\054\131\326  
\107\020\210\363\041\121\051\060\312\140\206\257\106\253\035\355  
\072\133\260\224\336\104\343\101\010\242\301\354\035\326\375\117  
\266\326\107\320\024\013\312\346\312\265\173\167\176\101\037\136  
\203\307\266\214\071\226\260\077\226\201\101\157\140\220\342\350  
\371\373\042\161\331\175\263\075\106\277\264\204\257\220\034\017  
\217\022\152\257\357\356\036\172\256\002\112\212\027\053\166\376  
\254\124\211\044\054\117\077\266\262\247\116\214\250\221\227\373  
\051\306\173\134\055\271\313\146\266\267\250\133\022\121\205\265  
\011\176\142\170\160\376\251\152\140\266\035\016\171\014\375\312  
\352\044\200\162\303\227\077\362\167\253\103\042\012\307\353\266  
\014\204\202\054\200\153\101\212\010\300\353\245\153\337\231\022  
\313\212\325\136\200\014\221\340\046\010\066\110\305\372\070\021  
\065\377\045\203\055\362\172\277\332\375\216\376\245\313\105\054  
\037\304\210\123\256\167\016\331\232\166\305\216\054\035\243\272  
\325\354\062\256\300\252\254\367\321\172\115\353\324\007\342\110  
\367\042\216\260\244\237\152\316\216\262\262\140\364\243\042\320  
\043\353\224\132\172\151\335\017\277\100\127\254\153\131\120\331  
\243\231\341\156\376\215\001\171\047\043\025\336\222\235\173\011  
\115\132\347\113\110\060\132\030\346\012\155\346\217\340\322\273  
\346\337\174\156\041\202\301\150\071\115\264\230\130\146\142\314  
\112\220\136\303\372\047\004\261\171\025\164\231\314\276\255\040  
\336\046\140\034\353\126\121\246\243\352\344\243\077\247\377\141  
\334\361\132\115\154\062\043\103\356\254\250\356\356\112\022\011  
\074\135\161\302\276\171\372\302\207\150\035\013\375\134\151\314  
\006\320\232\175\124\231\052\311\071\032\031\257\113\052\103\363  
\143\135\132\130\342\057\343\035\344\251\326\320\012\320\236\277

```

\327\201\011\361\311\307\046\015\254\230\026\126\240
END
CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Buypass Class 2 Root CA"
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\111\012\165\164\336\207\012\107\376\130\356\366\307\153\353\306
\013\022\100\231
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 3 Root CA"
#
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

```

```
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040
# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060
\036\027\015\061\060\061\060\062\066\060\070\062\070\065\070\132
\027\015\064\060\061\060\062\066\060\070\062\070\065\070\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
```

\245\332\012\225\026\120\343\225\362\136\235\166\061\006\062\172  
\233\361\020\166\270\000\232\265\122\066\315\044\107\260\237\030  
\144\274\232\366\372\325\171\330\220\142\114\042\057\336\070\075  
\326\340\250\351\034\054\333\170\021\351\216\150\121\025\162\307  
\363\063\207\344\240\135\013\134\340\127\007\052\060\365\315\304  
\067\167\050\115\030\221\346\277\325\122\375\161\055\160\076\347  
\306\304\212\343\360\050\013\364\166\230\241\213\207\125\262\072  
\023\374\267\076\047\067\216\042\343\250\117\052\357\140\273\075  
\267\071\303\016\001\107\231\135\022\117\333\103\372\127\241\355  
\371\235\276\021\107\046\133\023\230\253\135\026\212\260\067\034  
\127\235\105\377\210\226\066\277\273\312\007\173\157\207\143\327  
\320\062\152\326\135\154\014\361\263\156\071\342\153\061\056\071  
\000\047\024\336\070\300\354\031\146\206\022\350\235\162\026\023  
\144\122\307\251\067\034\375\202\060\355\204\030\035\364\256\134  
\377\160\023\000\353\261\365\063\172\113\326\125\370\005\215\113  
\151\260\365\263\050\066\134\024\304\121\163\115\153\013\361\064  
\007\333\027\071\327\334\050\173\153\365\237\363\056\301\117\027  
\052\020\363\314\312\350\353\375\153\253\056\232\237\055\202\156  
\004\324\122\001\223\055\075\206\374\176\374\337\357\102\035\246  
\153\357\271\040\306\367\275\240\247\225\375\247\346\211\044\330  
\314\214\064\154\342\043\057\331\022\032\041\271\125\221\157\013  
\221\171\031\014\255\100\210\013\160\342\172\322\016\330\150\110  
\273\202\023\071\020\130\351\330\052\007\306\022\333\130\333\322  
\073\125\020\107\005\025\147\142\176\030\143\246\106\077\011\016  
\124\062\136\277\015\142\172\047\357\200\350\333\331\113\006\132  
\067\132\045\320\010\022\167\324\157\011\120\227\075\310\035\303  
\337\214\105\060\126\306\323\144\253\146\363\300\136\226\234\303  
\304\357\303\174\153\213\072\171\177\263\111\317\075\342\211\237  
\240\060\113\205\271\234\224\044\171\217\175\153\251\105\150\017  
\053\320\361\332\034\313\151\270\312\111\142\155\310\320\143\142  
\335\140\017\130\252\217\241\274\005\245\146\242\317\033\166\262  
\204\144\261\114\071\122\300\060\272\360\214\113\002\260\266\267  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\107\270\315\377\345\157\356\370\262\354\057  
\116\016\371\045\260\216\074\153\303\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\000\040\043  
\101\065\004\220\302\100\142\140\357\342\065\114\327\077\254\342  
\064\220\270\241\157\166\372\026\026\244\110\067\054\351\220\302  
\362\074\370\012\237\330\201\345\273\133\332\045\054\244\247\125  
\161\044\062\366\310\013\362\274\152\370\223\254\262\007\302\137  
\237\333\314\310\212\252\276\152\157\341\111\020\314\061\327\200  
\273\273\310\330\242\016\144\127\352\242\365\302\251\061\025\322  
\040\152\354\374\042\001\050\317\206\270\200\036\251\314\021\245  
\074\362\026\263\107\235\374\322\200\041\304\313\320\107\160\101  
\241\312\203\031\010\054\155\362\135\167\234\212\024\023\324\066  
\034\222\360\345\006\067\334\246\346\220\233\070\217\134\153\033

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\106\206\103\102\137\076\001\007\123\124\135\145\175\367\212\163
\241\232\124\132\037\051\103\024\047\302\205\017\265\210\173\032
\073\224\267\035\140\247\265\234\347\051\151\127\132\233\223\172
\103\060\033\003\327\142\310\100\246\252\374\144\344\112\327\221
\123\001\250\040\210\156\234\137\104\271\313\140\201\064\354\157
\323\175\332\110\137\353\264\220\274\055\251\034\013\254\034\325
\242\150\040\200\004\326\374\261\217\057\273\112\061\015\112\206
\034\353\342\066\051\046\365\332\330\304\362\165\141\317\176\256
\166\143\112\172\100\145\223\207\370\036\200\214\206\345\206\326
\217\016\374\123\054\140\350\026\141\032\242\076\103\173\315\071
\140\124\152\365\362\211\046\001\150\203\110\242\063\350\311\004
\221\262\021\064\021\076\352\320\103\031\037\003\223\220\014\377
\121\075\127\364\101\156\341\313\240\276\353\311\143\315\155\314
\344\370\066\252\150\235\355\275\135\227\160\104\015\266\016\065
\334\341\014\135\273\240\121\224\313\176\026\353\021\057\243\222
\105\310\114\161\331\274\311\231\122\127\106\057\120\317\275\065
\151\364\075\025\316\006\245\054\017\076\366\201\272\224\273\303
\273\277\145\170\322\206\171\377\111\073\032\203\014\360\336\170
\354\310\362\115\114\032\336\202\051\370\301\132\332\355\356\346
\047\136\350\105\320\235\034\121\250\150\253\104\343\320\213\152
\343\370\073\273\334\115\327\144\362\121\276\346\252\253\132\351
\061\356\006\274\163\277\023\142\012\237\307\271\227
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Buypass Class 3 Root CA"

# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

# Not Valid Before: Tue Oct 26 08:28:58 2010

# Not Valid After : Fri Oct 26 08:28:58 2040

# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC

# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Buypass Class 3 Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245
\274\251\144\127
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\075\073\030\236\054\144\132\350\325\210\316\016\371\067\302\354
```

END

```

CKA_ISSUER
MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 3"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not
Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_ID

```

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\063\060\036\027\015\060\070\061\060\060\061\061\060  
\062\071\065\066\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\063\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\275\165\223\360\142\042  
\157\044\256\340\172\166\254\175\275\331\044\325\270\267\374\315  
\360\102\340\353\170\210\126\136\233\232\124\035\115\014\212\366  
\323\317\160\364\122\265\330\223\004\343\106\206\161\101\112\053  
\360\052\054\125\003\326\110\303\340\071\070\355\362\134\074\077  
\104\274\223\075\141\253\116\315\015\276\360\040\047\130\016\104  
\177\004\032\207\245\327\226\024\066\220\320\111\173\241\165\373  
\032\153\163\261\370\316\251\011\054\362\123\325\303\024\104\270  
\206\245\366\213\053\071\332\243\063\124\331\372\162\032\367\042  
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206



\105\210\375\031\177\165\207\037\037\261\033\012\163\044\133\271  
\145\340\054\124\310\140\323\146\027\077\341\314\124\063\163\221  
\002\072\246\177\173\166\071\242\037\226\266\070\256\265\310\223  
\164\035\236\271\264\345\140\235\057\126\321\340\353\136\133\114  
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067  
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137  
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\265  
\003\367\166\073\141\202\152\022\252\030\123\353\003\041\224\277  
\376\316\312\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\126\075\357\224\325\275\332\163\262  
\130\276\256\220\255\230\047\227\376\001\261\260\122\000\270\115  
\344\033\041\164\033\176\300\356\136\151\052\045\257\134\326\035  
\332\322\171\311\363\227\051\340\206\207\336\004\131\017\361\131  
\324\144\205\113\231\257\045\004\036\311\106\251\227\336\202\262  
\033\160\237\234\366\257\161\061\335\173\005\245\054\323\271\312  
\107\366\312\362\366\347\255\271\110\077\274\026\267\301\155\364  
\352\011\257\354\363\265\347\005\236\246\036\212\123\121\326\223  
\201\314\164\223\366\271\332\246\045\005\164\171\132\176\100\076  
\202\113\046\021\060\156\341\077\101\307\107\000\065\325\365\323  
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157  
\321\310\042\107\313\314\317\001\061\222\331\030\343\042\276\011  
\036\032\076\132\262\344\153\014\124\172\175\103\116\270\211\245  
\173\327\242\075\226\206\314\362\046\064\055\152\222\235\232\032  
\320\060\342\135\116\004\260\137\213\040\176\167\301\075\225\202  
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051  
\116\223\303\244\124\024\133

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "T-TeleSec GlobalRoot Class 3"

# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:29:56 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF

# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EE Certification Centre Root CA"
#
# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a
# Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After : Tue Dec 17 23:59:59 2030
# Fingerprint (MD5): 43:5E:88:D4:7D:1A:4A:7E:FD:84:2E:52:EB:01:D4:6F
#
Fingerprint (SHA1): C9:A8:B9:E7:55:80:5E:58:E3:53:77:A7:25:EB:AF:C3:7B:27:CC:D7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EE Certification Centre Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061

```

\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162  
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163  
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103  
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060  
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153  
\151\100\163\153\056\145\145

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061  
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162  
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163  
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103  
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060  
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153  
\151\100\163\153\056\145\145

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161  
\346\112

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\003\060\202\002\353\240\003\002\001\002\002\020\124  
\200\371\240\163\355\077\000\114\312\211\330\343\161\346\112\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\165  
\061\013\060\011\006\003\125\004\006\023\002\105\105\061\042\060  
\040\006\003\125\004\012\014\031\101\123\040\123\145\162\164\151  
\146\151\164\163\145\145\162\151\155\151\163\153\145\163\153\165  
\163\061\050\060\046\006\003\125\004\003\014\037\105\105\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\103\145\156  
\164\162\145\040\122\157\157\164\040\103\101\061\030\060\026\006  
\011\052\206\110\206\367\015\001\011\001\026\011\160\153\151\100  
\163\153\056\145\145\060\042\030\017\062\060\061\060\061\060\063  
\060\061\060\061\060\063\060\132\030\017\062\060\063\060\061\062  
\061\067\062\063\065\071\065\071\132\060\165\061\013\060\011\006  
\003\125\004\006\023\002\105\105\061\042\060\040\006\003\125\004  
\012\014\031\101\123\040\123\145\162\164\151\146\151\164\163\145  
\145\162\151\155\151\163\153\145\163\153\165\163\061\050\060\046  
\006\003\125\004\003\014\037\105\105\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\103\145\156\164\162\145\040\122  
\157\157\164\040\103\101\061\030\060\026\006\011\052\206\110\206  
\367\015\001\011\001\026\011\160\153\151\100\163\153\056\145\145  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\310\040\300\354\340\305\113\253\007\170\225\363\104\356\373

\013\014\377\164\216\141\273\261\142\352\043\330\253\241\145\062  
\172\353\216\027\117\226\330\012\173\221\242\143\154\307\214\114  
\056\171\277\251\005\374\151\134\225\215\142\371\271\160\355\303  
\121\175\320\223\346\154\353\060\113\341\274\175\277\122\233\316  
\156\173\145\362\070\261\300\242\062\357\142\262\150\340\141\123  
\301\066\225\377\354\224\272\066\256\234\034\247\062\017\345\174  
\264\306\157\164\375\173\030\350\254\127\355\006\040\113\062\060  
\130\133\375\315\250\346\241\374\160\274\216\222\163\333\227\247  
\174\041\256\075\301\365\110\207\154\047\275\237\045\164\201\125  
\260\367\165\366\075\244\144\153\326\117\347\316\100\255\017\335  
\062\323\274\212\022\123\230\311\211\373\020\035\115\176\315\176  
\037\126\015\041\160\205\366\040\203\037\366\272\037\004\217\352  
\167\210\065\304\377\352\116\241\213\115\077\143\033\104\303\104  
\324\045\166\312\267\215\327\036\112\146\144\315\134\305\234\203  
\341\302\010\210\232\354\116\243\361\076\034\054\331\154\035\241  
\113\002\003\001\000\001\243\201\212\060\201\207\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\022\362\132\076\352\126\034\277  
\315\006\254\361\361\045\311\251\113\324\024\231\060\105\006\003  
\125\035\045\004\076\060\074\006\010\053\006\001\005\005\007\003  
\002\006\010\053\006\001\005\005\007\003\001\006\010\053\006\001  
\005\005\007\003\003\006\010\053\006\001\005\005\007\003\004\006  
\010\053\006\001\005\005\007\003\010\006\010\053\006\001\005\005  
\007\003\011\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\003\202\001\001\000\173\366\344\300\015\252\031\107\267  
\115\127\243\376\255\273\261\152\325\017\236\333\344\143\305\216  
\241\120\126\223\226\270\070\300\044\042\146\274\123\024\141\225  
\277\320\307\052\226\071\077\175\050\263\020\100\041\152\304\257  
\260\122\167\030\341\226\330\126\135\343\335\066\136\035\247\120  
\124\240\305\052\344\252\214\224\212\117\235\065\377\166\244\006  
\023\221\242\242\175\000\104\077\125\323\202\074\032\325\133\274  
\126\114\042\056\106\103\212\044\100\055\363\022\270\073\160\032  
\244\226\271\032\257\207\101\032\152\030\015\006\117\307\076\156  
\271\051\115\015\111\211\021\207\062\133\346\113\004\310\344\134  
\346\164\163\224\135\026\230\023\225\376\373\333\261\104\345\072  
\160\254\067\153\346\263\063\162\050\311\263\127\240\366\002\026  
\210\006\013\266\246\113\040\050\324\336\075\213\255\067\005\123  
\164\376\156\314\274\103\027\161\136\371\305\314\032\251\141\356  
\367\166\014\363\162\364\162\255\317\162\002\066\007\107\317\357  
\031\120\211\140\314\351\044\225\017\302\313\035\362\157\166\220  
\307\314\165\301\226\305\235

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "EE Certification Centre Root CA"
# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a
#
Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After : Tue Dec 17 23:59:59 2030
# Fingerprint (MD5): 43:5E:88:D4:7D:1A:4A:7E:FD:84:2E:52:EB:01:D4:6F
# Fingerprint (SHA1): C9:A8:B9:E7:55:80:5E:58:E3:53:77:A7:25:EB:AF:C3:7B:27:CC:D7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EE Certification Centre Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\311\250\271\347\125\200\136\130\343\123\167\247\045\353\257\303
\173\047\314\327
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\136\210\324\175\032\112\176\375\204\056\122\353\001\324\157
END
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161
\346\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 1", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik
Sunucu Sertifikas.. Hizmetleri
# Serial Number: 2087 (0x827)
# Subject: CN=*.EGO.GOV.TR,OU=EGO BILGI ISLEM,O=EGO,L=ANKARA,ST=ANKARA,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid

```

After : Tue Jul 06 07:07:51 2021

# Fingerprint (MD5): F8:F5:25:FF:0C:31:CF:85:E1:0C:86:17:C1:CE:1F:8E

# Fingerprint (SHA1): C6:9F:28:C8:25:13:9E:65:A6:46:C4:34:AC:A5:A1:D2:00:29:5D:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 1"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303  
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157  
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151  
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145  
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061  
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124  
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164  
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151  
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151  
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050  
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\002\010\047

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 2", Bug 825022

# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik  
Sunucu Sertifikas.. Hizmetleri

# Serial Number: 2148 (0x864)

# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-islem.kktcmerkezbankasi.org,O=KKTC Merkez  
Bankasi,L=Lefkosa,ST=Lefkosa,C=TR

# Not Valid Before: Mon Aug 08 07:07:51 2011

# Not Valid After : Thu Aug 05 07:07:51 2021

# Fingerprint (MD5): BF:C3:EC:AD:0F:42:4F:B4:B5:38:DB:35:BF:AD:84:A2

# Fingerprint (SHA1): F9:2B:E5:26:6C:C0:5D:B2:DC:0D:C3:F2:DC:74:E0:2D:EF:D9:49:CB

CKA\_CLASS CK\_OBJECT\_CLASS

CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 2"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303

```
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\002\010\144
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION

CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "D-TRUST Root Class 3 CA 2 2009"

#

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623603 (0x983f3)

# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:35:58 2009

# Not Valid After : Mon Nov 05 08:35:58 2029

# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F

# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
```

```
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\063\060\202\003\033\240\003\002\001\002\002\003\011
\203\363\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003
\014\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\323\262\112\317\172\107\357\165\233\043\372\072\057\326\120\105
\211\065\072\306\153\333\376\333\000\150\250\340\003\021\035\067
\120\010\237\115\112\150\224\065\263\123\321\224\143\247\040\126
\257\336\121\170\354\052\075\363\110\110\120\076\012\337\106\125
\213\047\155\303\020\115\015\221\122\103\330\207\340\135\116\066
\265\041\312\137\071\100\004\137\133\176\314\243\306\053\251\100
\036\331\066\204\326\110\363\222\036\064\106\040\044\301\244\121
\216\112\032\357\120\077\151\135\031\177\105\303\307\001\217\121
\311\043\350\162\256\264\274\126\011\177\022\313\034\261\257\051
\220\012\311\125\314\017\323\264\032\355\107\065\132\112\355\234
\163\004\041\320\252\275\014\023\265\000\312\046\154\304\153\014
\224\132\225\224\332\120\232\361\377\245\053\146\061\244\311\070
\240\337\035\037\270\011\056\363\247\350\147\122\253\225\037\340
\106\076\330\244\303\312\132\305\061\200\350\110\232\237\224\151
\376\031\335\330\163\174\201\312\226\336\216\355\263\062\005\145
\204\064\346\346\375\127\020\265\137\166\277\057\260\020\015\305
\002\003\001\000\001\243\202\001\032\060\202\001\026\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\375\332\024\304\237\060\336
\041\275\036\102\071\374\253\143\043\111\340\361\204\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\323
\006\003\125\035\037\004\201\313\060\201\310\060\201\200\240\176
\240\174\206\172\154\144\141\160\072\057\057\144\151\162\145\143
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164
```



\057\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157  
\157\164\045\062\060\103\154\141\163\163\045\062\060\063\045\062  
\060\103\101\045\062\060\062\045\062\060\062\060\060\071\054\117  
\075\104\055\124\162\165\163\164\045\062\060\107\155\142\110\054  
\103\075\104\105\077\143\145\162\164\151\146\151\143\141\164\145  
\162\145\166\157\143\141\164\151\157\156\154\151\163\164\060\103  
\240\101\240\077\206\075\150\164\164\160\072\057\057\167\167\167  
\056\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154  
\057\144\055\164\162\165\163\164\137\162\157\157\164\137\143\154  
\141\163\163\137\063\137\143\141\137\062\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\177\227\333\060\310\337\244\234\175  
\041\172\200\160\316\024\022\151\210\024\225\140\104\001\254\262  
\351\060\117\233\120\302\146\330\176\215\060\265\160\061\351\342  
\151\307\363\160\333\040\025\206\320\015\360\276\254\001\165\204  
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330  
\243\235\227\345\100\140\322\066\041\376\320\264\270\027\332\164  
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\241  
\145\356\045\132\345\346\062\347\362\337\253\111\372\363\220\151  
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012  
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031  
\310\154\353\202\123\004\246\344\114\042\115\215\214\272\316\133  
\163\354\144\124\120\155\321\234\125\373\151\303\066\303\214\274  
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227  
\212\141\137\221\216\146\222\011\207\066\315\213\233\055\076\366  
\121\324\120\324\131\050\275\203\362\314\050\173\123\206\155\330  
\046\210\160\327\352\221\315\076\271\312\300\220\156\132\306\136  
\164\145\327\134\376\243\342

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623603 (0x983f3)

# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:35:58 2009

# Not Valid After : Mon Nov 05 08:35:58 2029

# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F

# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

```

\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER
MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint
(MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014  
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060  
\060\071

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\003\011\203\364

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011  
\203\364\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003  
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062  
\060\060\071\060\036\027\015\060\071\061\061\060\065\060\070\065  
\060\064\066\132\027\015\062\071\061\061\060\065\060\070\065\060  
\064\066\132\060\120\061\013\060\011\006\003\125\004\006\023\002  
\104\105\061\025\060\023\006\003\125\004\012\014\014\104\055\124  
\162\165\163\164\040\107\155\142\110\061\052\060\050\006\003\125  
\004\003\014\041\104\055\124\122\125\123\124\040\122\157\157\164  
\040\103\154\141\163\163\040\063\040\103\101\040\062\040\105\126  
\040\062\060\060\071\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\231\361\204\064\160\272\057\267\060\240  
\216\275\174\004\317\276\142\274\231\375\202\227\322\172\012\147  
\226\070\011\366\020\116\225\042\163\231\215\332\025\055\347\005  
\374\031\163\042\267\216\230\000\274\074\075\254\241\154\373\326  
\171\045\113\255\360\314\144\332\210\076\051\270\017\011\323\064  
\335\063\365\142\321\341\315\031\351\356\030\117\114\130\256\342  
\036\326\014\133\025\132\330\072\270\304\030\144\036\343\063\262  
\265\211\167\116\014\277\331\224\153\023\227\157\022\243\376\231  
\251\004\314\025\354\140\150\066\355\010\173\267\365\277\223\355  
\146\061\203\214\306\161\064\207\116\027\352\257\213\221\215\034  
\126\101\256\042\067\136\067\362\035\331\321\055\015\057\151\121  
\247\276\146\246\212\072\052\275\307\032\261\341\024\360\276\072  
\035\271\317\133\261\152\376\264\261\106\040\242\373\036\073\160  
\357\223\230\175\214\163\226\362\305\357\205\160\255\051\046\374  
\036\004\076\034\240\330\017\313\122\203\142\174\356\213\123\225  
\220\251\127\242\352\141\005\330\371\115\304\047\372\156\255\355  
\371\327\121\367\153\245\002\003\001\000\001\243\202\001\044\060  
\202\001\040\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\323

\224\212\114\142\023\052\031\056\314\257\162\212\175\066\327\232  
\034\334\147\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\335\006\003\125\035\037\004\201\325\060\201  
\322\060\201\207\240\201\204\240\201\201\206\177\154\144\141\160  
\072\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164  
\162\165\163\164\056\156\145\164\057\103\116\075\104\055\124\122  
\125\123\124\045\062\060\122\157\157\164\045\062\060\103\154\141  
\163\163\045\062\060\063\045\062\060\103\101\045\062\060\062\045  
\062\060\105\126\045\062\060\062\060\060\071\054\117\075\104\055  
\124\162\165\163\164\045\062\060\107\155\142\110\054\103\075\104  
\105\077\143\145\162\164\151\146\151\143\141\164\145\162\145\166  
\157\143\141\164\151\157\156\154\151\163\164\060\106\240\104\240  
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055  
\164\162\165\163\164\056\156\145\164\057\143\162\154\057\144\055  
\164\162\165\163\164\137\162\157\157\164\137\143\154\141\163\163  
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\064\355\173\132\074\244\224\210\357  
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051  
\336\340\361\324\306\044\011\351\301\317\125\033\264\060\331\316  
\032\376\006\121\246\025\244\055\357\262\113\277\040\050\045\111  
\321\246\066\167\064\350\144\337\122\261\021\307\163\172\315\071  
\236\302\255\214\161\041\362\132\153\257\337\074\116\125\257\262  
\204\145\024\211\271\167\313\052\061\276\317\243\155\317\157\110  
\224\062\106\157\347\161\214\240\246\204\031\067\007\362\003\105  
\011\053\206\165\174\337\137\151\127\000\333\156\330\246\162\042  
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104  
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332  
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046  
\347\100\064\046\265\010\211\327\010\143\143\070\047\165\036\063  
\352\156\250\335\237\231\117\164\115\201\211\200\113\335\232\227  
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327  
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041  
\352\237\026\361\054\124\265

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623604 (0x983f4)

# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust  
GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:50:46 2009

# Not Valid After : Mon Nov 05 08:50:46 2029

# Fingerprint (MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6

```

# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\311\033\013\225\264\020\230\102\372\320\330\042\171\376\140
\372\271\026\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061

```

\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061  
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\222\270\210\333\260\212\301\143

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000  
\222\270\210\333\260\212\301\143\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\122\061\013\060\011\006\003\125  
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023  
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "CA Disig Root R2"

# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Serial Number:00:92:b8:88:db:b0:8a:c1:63

# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Not Valid Before: Thu Jul 19 09:15:30 2012

# Not Valid After : Sat Jul 19 09:15:30 2042

# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03

# Fingerprint (SHA1):

B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "CA Disig Root R2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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END

CKA\_ISSUER MULTILINE\_OCTAL

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\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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END
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST
  CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ACCVRAIZ1"
#
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030
# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02
# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
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  UTF8 "0"
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END
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END
CKA_VALUE MULTILINE_OCTAL
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\053\100\325\177\371\001\047\130\054\310\355\110\221\174\077\246
\000\317\304\051\163\021\066\336\206\031\076\235\356\031\212\033
\325\260\355\216\075\234\052\300\015\330\075\146\343\074\015\275
\325\224\134\342\342\247\065\033\004\000\366\077\132\215\352\103
\275\137\211\035\251\301\260\314\231\342\115\000\012\332\311\047
\133\347\023\220\134\344\365\063\242\125\155\334\340\011\115\057
\261\046\133\047\165\000\011\304\142\167\051\010\137\236\131\254
\266\176\255\237\124\060\042\003\301\036\161\144\376\371\070\012
\226\030\335\002\024\254\043\313\006\034\036\244\175\215\015\336
\047\101\350\255\332\025\267\260\043\335\053\250\323\332\045\207
\355\350\125\104\115\210\364\066\176\204\232\170\254\367\016\126
\111\016\326\063\045\326\204\120\102\154\040\022\035\052\325\276
\274\362\160\201\244\160\140\276\005\265\233\236\004\104\276\141
\043\254\351\245\044\214\021\200\224\132\242\242\271\111\322\301
\334\321\247\355\061\021\054\236\031\246\356\341\125\341\300\352
\317\015\204\344\027\267\242\174\245\336\125\045\006\356\314\300
\207\134\100\332\314\225\077\125\340\065\307\270\204\276\264\135
\315\172\203\001\162\356\207\346\137\035\256\265\205\306\046\337
\346\301\232\351\036\002\107\237\052\250\155\251\133\317\354\105
\167\177\230\047\232\062\135\052\343\204\356\305\230\146\057\226
\040\035\335\330\303\047\327\260\371\376\331\175\315\320\237\217
\013\024\130\121\237\057\213\303\070\055\336\350\217\326\215\207
\244\365\126\103\026\231\054\364\244\126\264\064\270\141\067\311
\302\130\200\033\240\227\241\374\131\215\351\021\366\321\017\113
\125\064\106\052\213\206\073
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ACCVRAIZ1"

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Not Valid Before: Thu May 05 09:37:37 2011

# Not Valid After :

Tue Dec 31 09:37:37 2030

# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ACCVRAIZ1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\223\005\172\210\025\306\117\316\210\057\372\221\026\122\050\170
```

```
\274\123\144\027
```

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Global Root CA"
#
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Wed Jun 27 06:28:33 2012
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061

```

\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\014\276

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\002\014  
\276\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101\060\036\027\015\061\062\060\066\062\067\060\066\062  
\070\063\063\132\027\015\063\060\061\062\063\061\061\065\065\071  
\065\071\132\060\121\061\013\060\011\006\003\125\004\006\023\002  
\124\127\061\022\060\020\006\003\125\004\012\023\011\124\101\111  
\127\101\116\055\103\101\061\020\060\016\006\003\125\004\013\023  
\007\122\157\157\164\040\103\101\061\034\060\032\006\003\125\004  
\003\023\023\124\127\103\101\040\107\154\157\142\141\154\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\260\005\333\310\353\214\304\156\212  
\041\357\216\115\234\161\012\037\122\160\355\155\202\234\227\305  
\327\114\116\105\111\313\100\102\265\022\064\154\031\302\164\244  
\061\137\205\002\227\354\103\063\012\123\322\234\214\216\267\270  
\171\333\053\325\152\362\216\146\304\356\053\001\007\222\324\263  
\320\002\337\120\366\125\257\146\016\313\340\107\140\057\053\062  
\071\065\122\072\050\203\370\173\026\306\030\270\142\326\107\045  
\221\316\360\031\022\115\255\143\365\323\077\165\137\051\360\241  
\060\034\052\240\230\246\025\275\356\375\031\066\360\342\221\103  
\217\372\312\326\020\047\111\114\357\335\301\361\205\160\233\312  
\352\250\132\103\374\155\206\157\163\351\067\105\251\360\066\307  
\314\210\165\036\273\154\006\377\233\153\076\027\354\141\252\161  
\174\306\035\242\367\111\351\025\265\074\326\241\141\365\021\367  
\005\157\035\375\021\276\320\060\007\302\051\260\011\116\046\334  
\343\242\250\221\152\037\302\221\105\210\134\345\230\270\161\245  
\025\031\311\174\165\021\314\160\164\117\055\233\035\221\104\375  
\126\050\240\376\273\206\152\310\372\134\013\130\334\306\113\166  
\310\253\042\331\163\017\245\364\132\002\211\077\117\236\042\202  
\356\242\164\123\052\075\123\047\151\035\154\216\062\054\144\000  
\046\143\141\066\116\243\106\267\077\175\263\055\254\155\220\242  
\225\242\316\317\332\202\347\007\064\031\226\351\270\041\252\051  
\176\246\070\276\216\051\112\041\146\171\037\263\303\265\011\147

\336\326\324\007\106\363\052\332\346\042\067\140\313\201\266\017  
\240\017\351\310\225\177\277\125\221\005\172\317\075\025\300\157  
\336\011\224\001\203\327\064\033\314\100\245\360\270\233\147\325  
\230\221\073\247\204\170\225\046\244\132\010\370\053\164\264\000  
\004\074\337\270\024\216\350\337\251\215\154\147\222\063\035\300  
\267\322\354\222\310\276\011\277\054\051\005\157\002\153\236\357  
\274\277\052\274\133\300\120\217\101\160\161\207\262\115\267\004  
\251\204\243\062\257\256\356\153\027\213\262\261\376\154\341\220  
\214\210\250\227\110\316\310\115\313\363\006\317\137\152\012\102  
\261\036\036\167\057\216\240\346\222\016\006\374\005\042\322\046  
\341\061\121\175\062\334\017\002\003\001\000\001\243\043\060\041  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\002\001\000\137\064\201\166\357\226\035\325\345\265\331  
\002\143\204\026\301\256\240\160\121\247\367\114\107\065\310\013  
\327\050\075\211\161\331\252\063\101\352\024\033\154\041\000\300  
\154\102\031\176\237\151\133\040\102\337\242\322\332\304\174\227  
\113\215\260\350\254\310\356\245\151\004\231\012\222\246\253\047  
\056\032\115\201\277\204\324\160\036\255\107\376\375\112\235\063  
\340\362\271\304\105\010\041\012\332\151\151\163\162\015\276\064  
\376\224\213\255\303\036\065\327\242\203\357\345\070\307\245\205  
\037\253\317\064\354\077\050\376\014\361\127\206\116\311\125\367  
\034\324\330\245\175\006\172\157\325\337\020\337\201\116\041\145  
\261\266\341\027\171\225\105\006\316\137\314\334\106\211\143\150  
\104\215\223\364\144\160\240\075\235\050\005\303\071\160\270\142  
\173\040\375\344\333\351\010\241\270\236\075\011\307\117\373\054  
\370\223\166\101\336\122\340\341\127\322\235\003\274\167\236\376  
\236\051\136\367\301\121\140\037\336\332\013\262\055\165\267\103  
\110\223\347\366\171\306\204\135\200\131\140\224\374\170\230\217  
\074\223\121\355\100\220\007\337\144\143\044\313\116\161\005\241  
\327\224\032\210\062\361\042\164\042\256\245\246\330\022\151\114  
\140\243\002\356\053\354\324\143\222\013\136\276\057\166\153\243  
\266\046\274\217\003\330\012\362\114\144\106\275\071\142\345\226  
\353\064\143\021\050\314\225\361\255\357\357\334\200\130\110\351  
\113\270\352\145\254\351\374\200\265\265\310\105\371\254\301\237  
\331\271\352\142\210\216\304\361\113\203\022\255\346\213\204\326  
\236\302\353\203\030\237\152\273\033\044\140\063\160\314\354\367  
\062\363\134\331\171\175\357\236\244\376\311\043\303\044\356\025  
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143  
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004  
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\341\127  
\272\307\036\220\165\325\137\077\225\141\053\301\073\315\345\263  
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316  
\246\072\265\003\063\117\166\321\347\134\124\001\135\313\170\364  
\311\014\277\317\022\216\027\055\043\150\224\347\253\376\251\262  
\053\006\320\004\315

END

```

CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "TWCA Global Root CA"
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Wed Jun 27 06:28:33 2012
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023
\365\255\257\145
END
CKA_CERT_MD5_HASH
MULTILINE_OCTAL
\371\003\176\317\346\236\074\163\172\052\220\007\151\377\053\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\014\276
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TeliaSonera Root CA v1"
#
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera

```



```
# Not Valid Before: Thu Oct 18 12:00:50 2007
#
Not Valid After : Mon Oct 18 12:00:50 2032
# Fingerprint (MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\005\070\060\202\003\040\240\003\002\001\002\002\021\000
\225\276\026\240\367\056\106\361\173\071\202\162\372\213\315\226
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154\151
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060
\061\070\061\062\060\060\065\060\132\027\015\063\062\061\060\061
\070\061\062\060\060\065\060\132\060\067\061\024\060\022\006\003
\125\004\012\014\013\124\145\154\151\141\123\157\156\145\162\141
\061\037\060\035\006\003\125\004\003\014\026\124\145\154\151\141
\123\157\156\145\162\141\040\122\157\157\164\040\103\101\040\166
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\302\276\353\047\360\041\243\363\151\046\125\176\235\305
\125\026\221\134\375\357\041\277\123\200\172\055\322\221\214\143
\061\360\354\044\360\303\245\322\162\174\020\155\364\067\267\345
\346\174\171\352\214\265\202\213\256\110\266\254\000\334\145\165
```

\354\052\115\137\301\207\365\040\145\053\201\250\107\076\211\043  
\225\060\026\220\177\350\127\007\110\347\031\256\277\105\147\261  
\067\033\006\052\376\336\371\254\175\203\373\136\272\344\217\227  
\147\276\113\216\215\144\007\127\070\125\151\064\066\075\023\110  
\357\117\342\323\146\036\244\317\032\267\136\066\063\324\264\006  
\275\030\001\375\167\204\120\000\105\365\214\135\350\043\274\176  
\376\065\341\355\120\173\251\060\215\031\323\011\216\150\147\135  
\277\074\227\030\123\273\051\142\305\312\136\162\301\307\226\324  
\333\055\240\264\037\151\003\354\352\342\120\361\014\074\360\254  
\363\123\055\360\034\365\355\154\071\071\163\200\026\310\122\260  
\043\315\340\076\334\335\074\107\240\273\065\212\342\230\150\213  
\276\345\277\162\356\322\372\245\355\022\355\374\230\030\251\046  
\166\334\050\113\020\040\034\323\177\026\167\055\355\157\200\367  
\111\273\123\005\273\135\150\307\324\310\165\026\077\211\132\213  
\367\027\107\324\114\361\322\211\171\076\115\075\230\250\141\336  
\072\036\322\370\136\003\340\301\311\034\214\323\215\115\323\225  
\066\263\067\137\143\143\233\063\024\360\055\046\153\123\174\211  
\214\062\302\156\354\075\041\000\071\311\241\150\342\120\203\056  
\260\072\053\363\066\240\254\057\344\157\141\302\121\011\071\076  
\213\123\271\273\147\332\334\123\271\166\131\066\235\103\345\040  
\340\075\062\140\205\042\121\267\307\063\273\335\025\057\244\170  
\246\007\173\201\106\066\004\206\335\171\065\307\225\054\073\260  
\243\027\065\345\163\037\264\134\131\357\332\352\020\145\173\172  
\320\177\237\263\264\052\067\073\160\213\233\133\271\053\267\354  
\262\121\022\227\123\051\132\324\360\022\020\334\117\002\273\022  
\222\057\142\324\077\151\103\174\015\326\374\130\165\001\210\235  
\130\026\113\336\272\220\377\107\001\211\006\152\366\137\262\220  
\152\263\002\246\002\210\277\263\107\176\052\331\325\372\150\170  
\065\115\002\003\001\000\001\243\077\060\075\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\360\217\131\070\000\263\365\217\232\226\014\325  
\353\372\173\252\027\350\023\022\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\002\001\000\276\344\134\142  
\116\044\364\014\010\377\360\323\014\150\344\223\111\042\077\104  
\047\157\273\155\336\203\146\316\250\314\015\374\365\232\006\345  
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\360\344\037\127\267\165\251\241\137\002\046\377\327\307\367\116  
\336\117\370\367\034\106\300\172\117\100\054\042\065\360\031\261  
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\123\306\172\377\016\126\111\056\217\172\326\014\346\047\124\343  
\115\012\140\162\142\315\221\007\326\245\277\310\231\153\355\304  
\031\346\253\114\021\070\305\157\061\342\156\111\310\077\166\200  
\046\003\046\051\340\066\366\366\040\123\343\027\160\064\027\235  
\143\150\036\153\354\303\115\206\270\023\060\057\135\106\015\107  
\103\325\033\252\131\016\271\134\215\006\110\255\164\207\137\307  
\374\061\124\101\023\342\307\041\016\236\340\036\015\341\300\173

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\103\205\220\305\212\130\306\145\012\170\127\362\306\043\017\001
\331\040\113\336\017\373\222\205\165\052\134\163\215\155\173\045
\221\312\356\105\256\006\113\000\314\323\261\131\120\332\072\210
\073\051\103\106\136\227\053\124\316\123\157\215\112\347\226\372
\277\161\016\102\213\174\375\050\240\320\110\312\332\304\201\114
\273\242\163\223\046\310\353\014\326\046\210\266\300\044\317\273
\275\133\353\165\175\351\010\216\206\063\054\171\167\011\151\245
\211\374\263\160\220\207\166\217\323\042\273\102\316\275\163\013
\040\046\052\320\233\075\160\036\044\154\315\207\166\251\027\226
\267\317\015\222\373\216\030\251\230\111\321\236\376\140\104\162
\041\271\031\355\302\365\061\361\071\110\210\220\044\165\124\026
\255\316\364\370\151\024\144\071\373\243\270\272\160\100\307\047
\034\277\304\126\123\372\143\145\320\363\034\016\026\365\153\206
\130\115\030\324\344\015\216\245\235\133\221\334\166\044\120\077
\306\052\373\331\267\234\265\326\346\320\331\350\031\213\025\161
\110\255\267\352\330\131\210\324\220\277\026\263\331\351\254\131
\141\124\310\034\272\312\301\312\341\271\040\114\217\072\223\211
\245\240\314\277\323\366\165\244\165\226\155\126
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TeliaSonera Root CA v1"

# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera

# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96

# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera

# Not Valid Before: Thu Oct 18 12:00:50 2007

# Not Valid After : Mon Oct 18 12:00:50 2032

# Fingerprint

(MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C

# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TeliaSonera Root CA v1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
\151\207\202\067
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114
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END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
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\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122  
\157\157\164\040\103\101\040\166\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372  
\213\315\226

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST

CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "E-Tugra Certification Authority"

#

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR

# Serial Number:6a:68:3e:9c:51:9b:cb:53

# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR

# Not Valid Before: Tue Mar 05 12:09:48 2013

# Not Valid After : Fri Mar 03 12:09:48 2023

# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49

# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "E-Tugra Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT

MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\010\152\150\076\234\121\233\313\123

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\010\152  
\150\076\234\121\233\313\123\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\262\061\013\060\011\006\003\125  
\004\006\023\002\124\122\061\017\060\015\006\003\125\004\007\014  
\006\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012  
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102  
\151\154\151\305\237\151\155\040\124\145\153\156\157\154\157\152  
\151\154\145\162\151\040\166\145\040\110\151\172\155\145\164\154  
\145\162\151\040\101\056\305\236\056\061\046\060\044\006\003\125  
\004\013\014\035\105\055\124\165\147\162\141\040\123\145\162\164  
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172  
\151\061\050\060\046\006\003\125\004\003\014\037\105\055\124\165  
\147\162\141\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\063\060\063\060\065\061\062\060\071\064\070\132\027\015\062\063  
\060\063\060\063\061\062\060\071\064\070\132\060\201\262\061\013  
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\003\125\004\007\014\006\101\156\153\141\162\141\061\100\060\076  
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\156\157\154\157\152\151\154\145\162\151\040\166\145\040\110\151  
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\367\303\306\144\211\075\224\056\124\200\122\071\071\007\113\113  
\335\205\007\166\207\314\277\057\225\114\314\175\247\075\274\107  
\017\230\160\370\214\205\036\164\216\222\155\033\100\321\231\015  
\273\165\156\310\251\153\232\300\204\061\257\312\103\313\353\053  
\064\350\217\227\153\001\233\325\016\112\010\252\133\222\164\205  
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\112\360\352\037\025\250\356\045\314\244\106\370\033\042\357\263  
\016\103\272\054\044\270\305\054\134\324\034\370\135\144\275\303  
\223\136\050\247\077\047\361\216\036\323\052\120\005\243\125\331  
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\174\056\066\346\120\034\077\333\103\044\305\277\206\107\171\263  
\171\034\367\132\364\023\354\154\370\077\342\131\037\225\356\102  
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\117\352\154\205\206\275\250\246\316\344\372\303\341\263\256\336  
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\016\004\026\004\024\056\343\333\262\111\320\234\124\171\134\372  
\047\052\376\314\116\322\350\116\124\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\056\343\333\262\111\320\234\124\171  
\134\372\047\052\376\314\116\322\350\116\124\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
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\067\072\364\115\267\105\342\105\165\044\217\266\167\122\350\034  
\330\020\223\145\363\362\131\006\244\076\036\051\354\135\321\320  
\253\174\340\012\220\110\170\355\116\230\003\231\376\050\140\221  
\035\060\035\270\143\174\250\346\065\265\372\323\141\166\346\326  
\007\113\312\151\232\262\204\172\167\223\105\027\025\237\044\320  
\230\023\022\377\273\240\056\375\116\114\207\370\316\134\252\230  
\033\005\340\000\106\112\202\200\245\063\213\050\334\355\070\323  
\337\345\076\351\376\373\131\335\141\204\117\322\124\226\023\141  
\023\076\217\200\151\276\223\107\265\065\103\322\132\273\075\134

```
\357\263\102\107\315\073\125\023\006\260\011\333\375\143\366\072
\210\012\231\157\176\341\316\033\123\152\104\146\043\121\010\173
\274\133\122\242\375\006\067\070\100\141\217\112\226\270\220\067
\370\146\307\170\220\000\025\056\213\255\121\065\123\007\250\153
\150\256\371\116\074\007\046\315\010\005\160\314\071\077\166\275
\245\323\147\046\001\206\246\123\322\140\073\174\103\177\125\212
\274\225\032\301\050\071\114\037\103\322\221\364\162\131\212\271
\126\374\077\264\235\332\160\234\166\132\214\103\120\356\216\060
\162\115\337\377\111\367\306\251\147\331\155\254\002\021\342\072
\026\045\247\130\010\313\157\123\101\234\110\070\107\150\063\321
\327\307\217\324\164\041\324\303\005\220\172\377\316\226\210\261
\025\051\135\043\253\320\140\241\022\117\336\364\027\315\062\345
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\040\330\300\247\014\205\305\220\364\073\055\226\046\261\054\276
\114\253\353\261\322\212\311\333\170\023\017\036\011\235\155\217
\000\237\002\332\301\372\037\172\172\011\304\112\346\210\052\227
\237\211\213\375\067\137\137\072\316\070\131\206\113\257\161\013
\264\330\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\322\123\302\115\276\161\341\105\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "E-Tugra Certification Authority"

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Serial Number:6a:68:3e:9c:51:9b:cb:53

# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Not Valid Before: Tue Mar 05 12:09:48 2013

# Not Valid After : Fri Mar 03 12:09:48 2023

# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49

# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "E-Tugra Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142
```

```
\217\303\122\071
```

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 2"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:40:14 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A
# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
CKA_CLASS
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105

```



\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\062\060\036\027\015\060\070\061\060\060\061\061\060  
\064\060\061\064\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\062\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017

\000\060\202\001\012\002\202\001\001\000\252\137\332\033\137\350  
\163\221\345\332\134\364\242\346\107\345\363\150\125\140\005\035  
\002\244\263\233\131\363\036\212\257\064\255\374\015\302\331\110  
\031\356\151\217\311\040\374\041\252\007\031\355\260\134\254\145  
\307\137\355\002\174\173\174\055\033\326\272\271\200\302\030\202  
\026\204\372\146\260\010\306\124\043\201\344\315\271\111\077\366  
\117\156\067\110\050\070\017\305\276\347\150\160\375\071\227\115  
\322\307\230\221\120\252\304\104\263\043\175\071\107\351\122\142  
\326\022\223\136\267\061\226\102\005\373\166\247\036\243\365\302  
\374\351\172\305\154\251\161\117\352\313\170\274\140\257\307\336  
\364\331\313\276\176\063\245\156\224\203\360\064\372\041\253\352  
\216\162\240\077\244\336\060\133\357\206\115\152\225\133\103\104  
\250\020\025\034\345\001\127\305\230\361\346\006\050\221\252\040  
\305\267\123\046\121\103\262\013\021\225\130\341\300\017\166\331  
\300\215\174\201\363\162\160\236\157\376\032\216\331\137\065\306  
\262\157\064\174\276\110\117\342\132\071\327\330\235\170\236\237  
\206\076\003\136\031\213\104\242\325\307\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\277  
\131\040\066\000\171\240\240\042\153\214\325\362\141\322\270\054  
\313\202\112\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\061\003\242\141\013\037\164\350\162  
\066\306\155\371\115\236\372\042\250\341\201\126\317\315\273\237  
\352\253\221\031\070\257\252\174\025\115\363\266\243\215\245\364  
\216\366\104\251\247\350\041\225\255\076\000\142\026\210\360\002  
\272\374\141\043\346\063\233\060\172\153\066\142\173\255\004\043  
\204\130\145\342\333\053\212\347\045\123\067\142\123\137\274\332  
\001\142\051\242\246\047\161\346\072\042\176\301\157\035\225\160  
\040\112\007\064\337\352\377\025\200\345\272\327\172\330\133\165  
\174\005\172\051\107\176\100\250\061\023\167\315\100\073\264\121  
\107\172\056\021\343\107\021\336\235\146\320\213\325\124\146\372  
\203\125\352\174\302\051\211\033\351\157\263\316\342\005\204\311  
\057\076\170\205\142\156\311\137\301\170\143\164\130\300\110\030  
\014\231\071\353\244\314\032\265\171\132\215\025\234\330\024\015  
\366\172\007\127\307\042\203\005\055\074\233\045\046\075\030\263  
\251\103\174\310\310\253\144\217\016\243\277\234\033\235\060\333  
\332\320\031\056\252\074\361\373\063\200\166\344\315\255\031\117  
\005\047\216\023\241\156\302

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "T-TeleSec GlobalRoot Class 2"

# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

```
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:40:14 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A
# Fingerprint
(SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
\027\330\224\351
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\337\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Atos TrustedRoot 2011"
#
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:b3:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030
```

```
# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56
# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134
\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004
\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122
\157\157\164\040\062\060\061\061\061\015\060\013\006\003\125\004
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006
\023\002\104\105\060\036\027\015\061\061\060\067\060\067\061\064
\065\070\063\060\132\027\015\063\060\061\062\063\061\062\063\065
\071\065\071\132\060\074\061\036\060\034\006\003\125\004\003\014
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157
\164\040\062\060\061\061\061\015\060\013\006\003\125\004\012\014
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002
\104\105\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\225\205\073\227\157\052\073\056\073\317\246\363\051
\065\276\317\030\254\076\252\331\370\115\240\076\032\107\271\274
\232\337\362\376\314\076\107\350\172\226\302\044\216\065\364\251
\014\374\202\375\155\301\162\142\047\275\352\153\353\347\212\314
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266
\251\125\045\127\333\261\120\366\260\140\144\131\172\151\317\003
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276
\111\221\141\310\021\376\016\003\052\367\152\040\334\002\025\015
```

\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\230  
\007\047\307\033\226\053\141\164\161\154\103\361\367\065\211\020  
\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034  
\271\142\051\146\050\312\267\341\223\365\244\224\003\231\271\160  
\205\265\346\110\352\215\120\374\331\336\314\157\007\016\335\013  
\162\235\200\060\026\007\225\077\050\016\375\305\165\117\123\326  
\164\232\264\044\056\216\002\221\317\166\305\233\036\125\164\234  
\170\041\261\360\055\361\013\237\302\325\226\030\037\360\124\042  
\172\214\007\002\003\001\000\001\243\175\060\173\060\035\006\003  
\125\035\016\004\026\004\024\247\245\006\261\054\246\011\140\356  
\321\227\351\160\256\274\073\031\154\333\041\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\247\245\006\261\054\246\011  
\140\356\321\227\351\160\256\274\073\031\154\333\041\060\030\006  
\003\125\035\040\004\021\060\017\060\015\006\013\053\006\001\004  
\001\260\055\003\004\001\001\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\046\167\064\333\224  
\110\206\052\101\235\054\076\006\220\140\304\214\254\013\124\270  
\037\271\173\323\007\071\344\372\076\173\262\075\116\355\237\043  
\275\227\363\153\134\357\356\375\100\246\337\241\223\241\012\206  
\254\357\040\320\171\001\275\170\367\031\330\044\061\064\004\001  
\246\272\025\232\303\047\334\330\117\017\314\030\143\377\231\017  
\016\221\153\165\026\341\041\374\330\046\307\107\267\246\317\130  
\162\161\176\272\341\115\225\107\073\311\257\155\241\264\301\354  
\211\366\264\017\070\265\342\144\334\045\317\246\333\353\232\134  
\231\241\305\010\336\375\346\332\325\326\132\105\014\304\267\302  
\265\024\357\264\021\377\016\025\265\365\365\333\306\275\353\132  
\247\360\126\042\251\074\145\124\306\025\250\275\206\236\315\203  
\226\150\172\161\201\211\341\013\341\352\021\033\150\010\314\151  
\236\354\236\101\236\104\062\046\172\342\207\012\161\075\353\344  
\132\244\322\333\305\315\306\336\140\177\271\363\117\104\222\357  
\052\267\030\076\247\031\331\013\175\261\067\101\102\260\272\140  
\035\362\376\011\021\260\360\207\173\247\235

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Atos TrustedRoot 2011"

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Serial Number:5c:33:cb:62:2c:5f:b3:32

# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Not Valid Before: Thu Jul 07 14:58:30 2011

# Not Valid After : Tue Dec 31 23:59:59 2030

# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56

# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERT_SHA1_HASH
MULTILINE_OCTAL
\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125
\006\002\254\041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126
END
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 1 G3"
#
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93
# Subject: CN=QuoVadis Root
CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
# Fingerprint (SHA-256):
8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74
# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144

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\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\061\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\061\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023  
\050\265\226\324\145\223

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\170  
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226  
\324\145\223\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\061\040\107\063\060\036\027\015  
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064  
\062\060\061\061\062\061\067\062\067\064\064\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\061\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\240\276\120\020\216\351\362\154\100  
\264\004\234\205\271\061\312\334\055\344\021\251\004\074\033\125  
\301\347\130\060\035\044\264\303\357\205\336\214\054\341\301\075  
\337\202\346\117\255\107\207\154\354\133\111\301\112\325\273\217  
\354\207\254\177\202\232\206\354\075\003\231\122\001\322\065\236  
\254\332\360\123\311\146\074\324\254\002\001\332\044\323\073\250  
\002\106\257\244\034\343\370\163\130\166\267\366\016\220\015\265  
\360\317\314\372\371\306\114\345\303\206\060\012\215\027\176\065  
\353\305\337\273\016\234\300\215\207\343\210\070\205\147\372\076  
\307\253\340\023\234\005\030\230\317\223\365\261\222\264\374\043  
\323\317\325\304\047\111\340\236\074\233\010\243\213\135\052\041  
\340\374\071\252\123\332\175\176\317\032\011\123\274\135\005\004  
\317\241\112\217\213\166\202\015\241\370\322\307\024\167\133\220  
\066\007\201\233\076\006\372\122\136\143\305\246\000\376\245\351

\122\033\122\265\222\071\162\003\011\142\275\260\140\026\156\246  
\335\045\302\003\146\335\363\004\321\100\342\116\213\206\364\157  
\345\203\240\047\204\136\004\301\365\220\275\060\075\304\357\250  
\151\274\070\233\244\244\226\321\142\332\151\300\001\226\256\313  
\304\121\064\352\014\252\377\041\216\131\217\112\134\344\141\232  
\247\322\351\052\170\215\121\075\072\025\356\242\131\216\251\134  
\336\305\371\220\042\345\210\105\161\335\221\231\154\172\237\075  
\075\230\174\136\366\276\026\150\240\136\256\013\043\374\132\017  
\252\042\166\055\311\241\020\035\344\323\104\043\220\210\237\306  
\052\346\327\365\232\263\130\036\057\060\211\010\033\124\242\265  
\230\043\354\010\167\034\225\135\141\321\313\211\234\137\242\112  
\221\232\357\041\252\111\026\010\250\275\141\050\061\311\164\255  
\205\366\331\305\261\213\321\345\020\062\115\137\213\040\072\074  
\111\037\063\205\131\015\333\313\011\165\103\151\163\373\153\161  
\175\360\337\304\114\175\306\243\056\310\225\171\313\163\242\216  
\116\115\044\373\136\344\004\276\162\033\246\047\055\111\132\231  
\172\327\134\011\040\267\177\224\271\117\361\015\034\136\210\102  
\033\021\267\347\221\333\236\154\364\152\337\214\006\230\003\255  
\314\050\357\245\107\363\123\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\243\227\326\363  
\136\242\020\341\253\105\237\074\027\144\074\356\001\160\234\314  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\030\372\133\165\374\076\172\307\137\167\307\312  
\337\317\137\303\022\304\100\135\324\062\252\270\152\327\325\025  
\025\106\230\043\245\346\220\133\030\231\114\343\255\102\243\202  
\061\066\210\315\351\373\304\004\226\110\213\001\307\215\001\317  
\133\063\006\226\106\146\164\035\117\355\301\266\271\264\015\141  
\314\143\176\327\056\167\214\226\034\052\043\150\153\205\127\166  
\160\063\023\376\341\117\246\043\167\030\372\032\214\350\275\145  
\311\317\077\364\311\027\334\353\307\274\300\004\056\055\106\057  
\151\146\303\033\217\376\354\076\323\312\224\277\166\012\045\015  
\251\173\002\034\251\320\073\137\013\300\201\072\075\144\341\277  
\247\055\116\275\115\304\330\051\306\042\030\320\305\254\162\002  
\202\077\252\072\242\072\042\227\061\335\010\143\303\165\024\271  
\140\050\055\133\150\340\026\251\146\202\043\121\365\353\123\330  
\061\233\173\351\267\235\113\353\210\026\317\371\135\070\212\111  
\060\217\355\361\353\031\364\167\032\061\030\115\147\124\154\057  
\157\145\371\333\075\354\041\354\136\364\364\213\312\140\145\124  
\321\161\144\364\371\246\243\201\063\066\063\161\360\244\170\137  
\116\255\203\041\336\064\111\215\350\131\254\235\362\166\132\066  
\362\023\364\257\340\011\307\141\052\154\367\340\235\256\273\206  
\112\050\157\056\356\264\171\315\220\063\303\263\166\372\365\360  
\154\235\001\220\372\236\220\366\234\162\317\107\332\303\037\344  
\065\040\123\362\124\321\337\141\203\246\002\342\045\070\336\205  
\062\055\136\163\220\122\135\102\304\316\075\113\341\371\031\204  
\035\325\242\120\314\101\373\101\024\303\275\326\311\132\243\143



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\146\002\200\275\005\072\073\107\234\354\000\046\114\365\210\121
\277\250\043\177\030\007\260\013\355\213\046\241\144\323\141\112
\353\134\237\336\263\257\147\003\263\037\335\155\135\151\150\151
\253\136\072\354\174\151\274\307\073\205\116\236\025\271\264\025
\117\303\225\172\130\327\311\154\351\154\271\363\051\143\136\264
\054\360\055\075\355\132\145\340\251\133\100\302\110\231\201\155
\236\037\006\052\074\022\264\213\017\233\242\044\360\246\215\326
\172\340\113\266\144\226\143\225\204\302\112\315\034\056\044\207
\063\140\345\303
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 1 G3"

# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93

# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 17:27:44 2012

# Not Valid After : Sun Jan 12 17:27:44 2042

# Fingerprint (SHA-256):

8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74

# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 1 G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163
\300\223\171\147
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\244\274\133\077\376\067\232\372\144\360\342\372\005\075\013\253
```

END

CKA\_ISSUER

MULTILINE\_OCTAL

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "QuoVadis Root CA 2 G3"

#

# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28

# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12

18:59:32 2012

# Not Valid After : Sun Jan 12 18:59:32 2042

# Fingerprint (SHA-256):

8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40

# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 2 G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062\040\107\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073  
\133\247\046\360\165\050

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\104  
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\360\165\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102

\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\062\040\107\063\060\036\027\015  
\061\062\060\061\061\062\061\070\065\071\063\062\132\027\015\064  
\062\060\061\061\062\061\070\065\071\063\062\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\241\256\045\262\001\030\334\127\210  
\077\106\353\371\257\342\353\043\161\342\232\321\141\146\041\137  
\252\257\047\121\345\156\033\026\324\055\175\120\260\123\167\275  
\170\072\140\342\144\002\233\174\206\233\326\032\216\255\377\037  
\025\177\325\225\036\022\313\346\024\204\004\301\337\066\263\026  
\237\212\343\311\333\230\064\316\330\063\027\050\106\374\247\311  
\360\322\264\325\115\011\162\111\371\362\207\343\251\332\175\241  
\175\153\262\072\045\251\155\122\104\254\370\276\156\373\334\246  
\163\221\220\141\246\003\024\040\362\347\207\243\210\255\255\240  
\214\377\246\013\045\122\045\347\026\001\325\313\270\065\201\014  
\243\073\360\341\341\374\132\135\316\200\161\155\370\111\253\076  
\073\272\270\327\200\001\373\245\353\133\263\305\136\140\052\061  
\240\257\067\350\040\072\237\250\062\054\014\314\011\035\323\236  
\216\135\274\114\230\356\305\032\150\173\354\123\246\351\024\065  
\243\337\315\200\237\014\110\373\034\364\361\277\112\270\372\325  
\214\161\112\307\037\255\376\101\232\263\203\135\362\204\126\357  
\245\127\103\316\051\255\214\253\125\277\304\373\133\001\335\043  
\041\241\130\000\216\303\320\152\023\355\023\343\022\053\200\334  
\147\346\225\262\315\036\042\156\052\370\101\324\362\312\024\007  
\215\212\125\022\306\151\365\270\206\150\057\123\136\260\322\252  
\041\301\230\346\060\343\147\125\307\233\156\254\031\250\125\246  
\105\006\320\043\072\333\353\145\135\052\021\021\360\073\117\312  
\155\364\064\304\161\344\377\000\132\366\134\256\043\140\205\163  
\361\344\020\261\045\256\325\222\273\023\301\014\340\071\332\264  
\071\127\265\253\065\252\162\041\073\203\065\347\061\337\172\041  
\156\270\062\010\175\035\062\221\025\112\142\162\317\343\167\241  
\274\325\021\033\166\001\147\010\340\101\013\303\353\025\156\370  
\244\031\331\242\253\257\342\047\122\126\053\002\212\054\024\044  
\371\277\102\002\277\046\310\306\217\340\156\070\175\123\055\345  
\355\230\263\225\143\150\177\371\065\364\337\210\305\140\065\222  
\300\174\151\034\141\225\026\320\353\336\013\257\076\004\020\105  
\145\130\120\070\257\110\362\131\266\026\362\074\015\220\002\306  
\160\056\001\255\074\025\327\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\355\347\157\166

\132\277\140\354\111\133\306\245\167\273\162\026\161\233\304\075  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\221\337\200\077\103\011\176\161\302\367\353\263  
\210\217\341\121\262\274\075\165\371\050\135\310\274\231\233\173  
\135\252\345\312\341\012\367\350\262\323\237\335\147\061\176\272  
\001\252\307\152\101\073\220\324\010\134\262\140\152\220\360\310  
\316\003\142\371\213\355\373\156\052\334\006\115\074\051\017\211  
\026\212\130\114\110\017\350\204\141\352\074\162\246\167\344\102  
\256\210\243\103\130\171\176\256\312\245\123\015\251\075\160\275  
\040\031\141\244\154\070\374\103\062\341\301\107\377\370\354\361  
\021\042\062\226\234\302\366\133\151\226\173\040\014\103\101\232  
\133\366\131\031\210\336\125\210\067\121\013\170\134\012\036\243  
\102\375\307\235\210\017\300\362\170\002\044\124\223\257\211\207  
\210\311\112\200\035\352\320\156\076\141\056\066\273\065\016\047  
\226\375\146\064\073\141\162\163\361\026\134\107\006\124\111\000  
\172\130\022\260\012\357\205\375\261\270\063\165\152\223\034\022  
\346\140\136\157\035\177\311\037\043\313\204\141\237\036\202\104  
\371\137\255\142\125\044\232\122\230\355\121\347\241\176\227\072  
\346\057\037\021\332\123\200\054\205\236\253\065\020\333\042\137  
\152\305\136\227\123\362\062\002\011\060\243\130\360\015\001\325  
\162\306\261\174\151\173\303\365\066\105\314\141\156\136\114\224  
\305\136\256\350\016\136\213\277\367\315\340\355\241\016\033\063  
\356\124\030\376\017\276\357\176\204\153\103\343\160\230\333\135  
\165\262\015\131\007\205\025\043\071\326\361\337\251\046\017\326  
\110\307\263\246\042\365\063\067\132\225\107\237\173\272\030\025  
\157\377\326\024\144\203\111\322\012\147\041\333\017\065\143\140  
\050\042\343\261\225\203\315\205\246\335\057\017\347\147\122\156  
\273\057\205\174\365\112\163\347\305\076\300\275\041\022\005\077  
\374\267\003\111\002\133\310\045\346\342\124\070\365\171\207\214  
\035\123\262\116\205\173\006\070\307\054\370\370\260\162\215\045  
\345\167\122\364\003\034\110\246\120\137\210\040\060\156\362\202  
\103\253\075\227\204\347\123\373\041\301\117\017\042\232\206\270  
\131\052\366\107\075\031\210\055\350\205\341\236\354\205\010\152  
\261\154\064\311\035\354\110\053\073\170\355\146\304\216\171\151  
\203\336\177\214

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 2 G3"

# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28

# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 18:59:32 2012

# Not Valid After : Sun Jan 12 18:59:32 2042

```

# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341
\045\365\310\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint
(SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\056
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317
\022\152\035\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015
\061\062\060\061\061\062\062\060\062\066\063\062\132\027\015\064
\062\060\061\061\062\062\060\062\066\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\063\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\263\313\016\020\147\216\352\024\227
\247\062\052\012\126\066\177\150\114\307\263\157\072\043\024\221
\377\031\177\245\312\254\356\263\166\235\172\351\213\033\253\153
\061\333\372\013\123\114\257\305\245\032\171\074\212\114\377\254
\337\045\336\116\331\202\062\013\104\336\312\333\214\254\243\156
\026\203\073\246\144\113\062\211\373\026\026\070\176\353\103\342
\323\164\112\302\142\012\163\012\335\111\263\127\322\260\012\205
\235\161\074\336\243\313\300\062\363\001\071\040\103\033\065\321
\123\263\261\356\305\223\151\202\076\026\265\050\106\241\336\352
```

\211\011\355\103\270\005\106\212\206\365\131\107\276\033\157\001  
\041\020\271\375\251\322\050\312\020\071\011\312\023\066\317\234  
\255\255\100\164\171\053\002\077\064\377\372\040\151\175\323\356  
\141\365\272\263\347\060\320\067\043\206\162\141\105\051\110\131  
\150\157\167\246\056\201\276\007\115\157\257\316\304\105\023\221  
\024\160\006\217\037\237\370\207\151\261\016\357\303\211\031\353  
\352\034\141\374\172\154\212\334\326\003\013\236\046\272\022\335  
\324\124\071\253\046\243\063\352\165\201\332\055\315\017\117\344  
\003\321\357\025\227\033\153\220\305\002\220\223\146\002\041\261  
\107\336\213\232\112\200\271\125\217\265\242\057\300\326\063\147  
\332\176\304\247\264\004\104\353\107\373\346\130\271\367\014\360  
\173\053\261\300\160\051\303\100\142\055\073\110\151\334\043\074  
\110\353\173\011\171\251\155\332\250\060\230\317\200\162\003\210  
\246\133\106\256\162\171\174\010\003\041\145\256\267\341\034\245  
\261\052\242\061\336\146\004\367\300\164\350\161\336\377\075\131  
\314\226\046\022\213\205\225\127\032\253\153\165\013\104\075\021  
\050\074\173\141\267\342\217\147\117\345\354\074\114\140\200\151  
\127\070\036\001\133\215\125\350\307\337\300\314\167\043\064\111  
\165\174\366\230\021\353\055\336\355\101\056\024\005\002\177\340  
\376\040\353\065\347\021\254\042\316\127\075\336\311\060\155\020  
\003\205\315\361\377\214\026\265\301\262\076\210\154\140\177\220  
\117\225\367\366\055\255\001\071\007\004\372\165\200\175\277\111  
\120\355\357\311\304\174\034\353\200\176\333\266\320\335\023\376  
\311\323\234\327\262\227\251\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\306\027\320\274  
\250\352\002\103\362\033\006\231\135\053\220\040\271\327\234\344  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\064\141\331\126\265\022\207\125\115\335\243\065  
\061\106\273\244\007\162\274\137\141\142\350\245\373\013\067\261  
\074\266\263\372\051\235\177\002\365\244\311\250\223\267\172\161  
\050\151\217\163\341\122\220\332\325\276\072\345\267\166\152\126  
\200\041\337\135\346\351\072\236\345\076\366\242\151\307\052\012  
\260\030\107\334\040\160\175\122\243\076\131\174\301\272\311\310  
\025\100\141\312\162\326\160\254\322\267\360\034\344\206\051\360  
\316\357\150\143\320\265\040\212\025\141\232\176\206\230\264\311  
\302\166\373\314\272\060\026\314\243\141\306\164\023\345\153\357  
\243\025\352\003\376\023\213\144\344\323\301\322\350\204\373\111  
\321\020\115\171\146\353\252\375\364\215\061\036\160\024\255\334  
\336\147\023\114\201\025\141\274\267\331\221\167\161\031\201\140  
\273\360\130\245\265\234\013\367\217\042\125\047\300\113\001\155  
\073\231\015\324\035\233\143\147\057\320\356\015\312\146\274\224  
\117\246\255\355\374\356\143\254\127\077\145\045\317\262\206\217  
\320\010\377\270\166\024\156\336\345\047\354\253\170\265\123\271  
\266\077\350\040\371\322\250\276\141\106\312\207\214\204\363\371  
\361\240\150\233\042\036\201\046\233\020\004\221\161\300\006\037  
\334\240\323\271\126\247\343\230\055\177\203\235\337\214\053\234

```
\062\216\062\224\360\001\074\042\052\237\103\302\056\303\230\071
\007\070\173\374\136\000\102\037\363\062\046\171\203\204\366\345
\360\301\121\022\300\013\036\004\043\014\124\245\114\057\111\305
\112\321\266\156\140\015\153\374\153\213\205\044\144\267\211\016
\253\045\107\133\074\317\176\111\275\307\351\012\306\332\367\176
\016\027\010\323\110\227\320\161\222\360\017\071\076\064\152\034
\175\330\362\042\256\273\151\364\063\264\246\110\125\321\017\016
\046\350\354\266\013\055\247\205\065\315\375\131\310\237\321\315
\076\132\051\064\271\075\204\316\261\145\324\131\221\221\126\165
\041\301\167\236\371\172\341\140\235\323\255\004\030\364\174\353
\136\223\217\123\112\042\051\370\110\053\076\115\206\254\133\177
\313\006\231\131\140\330\130\145\225\215\104\321\367\177\176\047
\177\175\256\200\365\007\114\266\076\234\161\124\231\004\113\375
\130\371\230\364
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

#

Trust for "QuoVadis Root CA 3 G3"

# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM

# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d

# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 20:26:32 2012

# Not Valid After : Sun Jan 12 20:26:32 2042

# Fingerprint (SHA-256):

88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46

# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 3 G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\110\022\275\222\074\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
```



```

END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G2"
#
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
#
Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END

```

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232  
\364\113

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\226\060\202\002\176\240\003\002\001\002\002\020\013  
\223\034\072\326\071\147\352\147\043\277\303\257\232\364\113\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\107\062\060\036\027\015\061\063\060\070\060\061\061  
\062\060\060\060\060\132\027\015\063\070\060\061\061\065\061\062  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\107\062\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\331\347\050  
\057\122\077\066\162\111\210\223\064\363\370\152\036\061\124\200  
\237\255\124\101\265\107\337\226\250\324\257\200\055\271\012\317  
\165\375\211\245\175\044\372\343\042\014\053\274\225\027\013\063  
\277\031\115\101\006\220\000\275\014\115\020\376\007\265\347\034  
\156\042\125\061\145\227\275\323\027\322\036\142\363\333\352\154  
\120\214\077\204\014\226\317\267\313\003\340\312\155\241\024\114  
\033\211\335\355\000\260\122\174\257\221\154\261\070\023\321\351  
\022\010\300\000\260\034\053\021\332\167\160\066\233\256\316\171  
\207\334\202\160\346\011\164\160\125\151\257\243\150\237\277\335  
\266\171\263\362\235\160\051\125\364\253\377\225\141\363\311\100  
\157\035\321\276\223\273\323\210\052\273\235\277\162\132\126\161  
\073\077\324\363\321\012\376\050\357\243\356\331\231\257\003\323  
\217\140\267\362\222\241\261\275\211\211\037\060\315\303\246\056  
\142\063\256\026\002\167\104\132\347\201\012\074\247\104\056\171  
\270\077\004\274\134\240\207\341\033\257\121\216\315\354\054\372  
\370\376\155\360\072\174\252\213\344\147\225\061\215\002\003\001  
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026  
\004\024\316\303\112\271\231\125\362\270\333\140\277\251\176\275  
\126\265\227\066\247\326\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\312\245\125\214\343\310

```
\101\156\151\047\247\165\021\357\074\206\066\157\322\235\306\170
\070\035\151\226\242\222\151\056\070\154\233\175\004\324\211\245
\261\061\067\212\311\041\314\253\154\315\213\034\232\326\277\110
\322\062\146\301\212\300\363\057\072\357\300\343\324\221\206\321
\120\343\003\333\163\167\157\112\071\123\355\336\046\307\265\175
\257\053\102\321\165\142\343\112\053\002\307\120\113\340\151\342
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\302
\072\310\261\023\160\066\330\317\356\364\012\064\325\133\114\375
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015
\304\143\276\255\364\024\373\211\354\242\101\016\114\314\310\127
\100\320\156\003\252\315\014\216\211\231\231\154\360\074\060\257
\070\337\157\274\243\276\051\040\047\253\164\377\023\042\170\336
\227\122\125\036\203\265\124\040\003\356\256\300\117\126\336\067
\314\303\177\252\004\047\273\323\167\270\142\333\027\174\234\050
\042\023\163\154\317\046\365\212\051\347
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Assured ID Root G2"

# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b

# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85

# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
\223\121\135\077
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
```

```
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING

CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Assured ID Root G3"

#

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec

# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2

# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
```

\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240  
\154\354

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\106\060\202\001\315\240\003\002\001\002\002\020\013  
\241\132\372\035\337\240\265\111\104\257\315\044\240\154\354\060  
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156  
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056  
\144\151\147\151\143\145\162\164\056\143\157\155\061\044\060\042  
\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040  
\101\163\163\165\162\145\144\040\111\104\040\122\157\157\164\040  
\107\063\060\036\027\015\061\063\060\070\060\061\061\062\060\060  
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060  
\060\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151  
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004  
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056  
\143\157\155\061\044\060\042\006\003\125\004\003\023\033\104\151  
\147\151\103\145\162\164\040\101\163\163\165\162\145\144\040\111  
\104\040\122\157\157\164\040\107\063\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\031\347\274\254\104\145\355\315\270\077\130\373\215\261\127  
\251\104\055\005\025\362\357\013\377\020\164\237\265\142\122\137  
\146\176\037\345\334\033\105\171\013\314\306\123\012\235\215\135  
\002\331\251\131\336\002\132\366\225\052\016\215\070\112\212\111  
\306\274\306\003\070\007\137\125\332\176\011\156\342\177\136\320  
\105\040\017\131\166\020\326\240\044\360\055\336\066\362\154\051  
\071\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026\004  
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\316  
\215\035\052\344\204\060\012\006\010\052\206\110\316\075\004\003  
\003\003\147\000\060\144\002\060\045\244\201\105\002\153\022\113  
\165\164\117\310\043\343\160\362\165\162\336\174\211\360\317\221  
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\130  
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345  
\142\143\072\231\342\266\243\073\233\064\372\036\332\020\222\161  
\136\221\023\247\335\244\156\222\314\062\326\365\041\146\307\057  
\352\226\143\152\145\105\222\225\001\264

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

```

CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Assured ID Root G3"
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110
\054\253\060\211
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Global Root G2"
#

```

```
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT
MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\003\216\060\202\002\166\240\003\002\001\002\002\020\003
\072\361\346\247\021\251\240\273\050\144\261\035\011\372\345\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
```

\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107  
\062\060\036\027\015\061\063\060\070\060\061\061\062\060\060\060  
\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\273\067\315\064\334\173\153\311\262\150\220  
\255\112\165\377\106\272\041\012\010\215\365\031\124\311\373\210  
\333\363\256\362\072\211\221\074\172\346\253\006\032\153\317\254  
\055\350\136\011\044\104\272\142\232\176\326\243\250\176\340\124  
\165\040\005\254\120\267\234\143\032\154\060\334\332\037\031\261  
\327\036\336\375\327\340\313\224\203\067\256\354\037\103\116\335  
\173\054\322\275\056\245\057\344\251\270\255\072\324\231\244\266  
\045\351\233\153\000\140\222\140\377\117\041\111\030\367\147\220  
\253\141\006\234\217\362\272\351\264\351\222\062\153\265\363\127  
\350\135\033\315\214\035\253\225\004\225\111\363\065\055\226\343  
\111\155\335\167\343\373\111\113\264\254\125\007\251\217\225\263  
\264\043\273\114\155\105\360\366\251\262\225\060\264\375\114\125  
\214\047\112\127\024\174\202\235\315\163\222\323\026\112\006\014  
\214\120\321\217\036\011\276\027\241\346\041\312\375\203\345\020  
\274\203\245\012\304\147\050\366\163\024\024\075\106\166\303\207  
\024\211\041\064\115\257\017\105\014\246\111\241\272\273\234\305  
\261\063\203\051\205\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\035\006\003\125\035\016\004\026\004\024\116\042\124\040\030\225  
\346\343\156\346\017\372\372\271\022\355\006\027\217\071\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\140\147\050\224\157\016\110\143\353\061\335\352\147\030  
\325\211\175\074\305\213\112\177\351\276\333\053\027\337\260\137  
\163\167\052\062\023\071\201\147\102\204\043\362\105\147\065\354  
\210\277\370\217\260\141\014\064\244\256\040\114\204\306\333\370  
\065\341\166\331\337\246\102\273\307\104\010\206\177\066\164\044  
\132\332\154\015\024\131\065\275\362\111\335\266\037\311\263\015  
\107\052\075\231\057\273\134\273\265\324\040\341\231\137\123\106  
\025\333\150\233\360\363\060\325\076\061\342\215\204\236\343\212  
\332\332\226\076\065\023\245\137\360\371\160\120\160\107\101\021  
\127\031\116\300\217\256\006\304\225\023\027\057\033\045\237\165  
\362\261\216\231\241\157\023\261\101\161\376\210\052\310\117\020  
\040\125\327\363\024\105\345\340\104\364\352\207\225\062\223\016  
\376\123\106\372\054\235\377\213\042\271\113\331\011\105\244\336  
\244\270\232\130\335\033\175\122\237\216\131\103\210\201\244\236  
\046\325\157\255\335\015\306\067\175\355\003\222\033\345\167\137



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\166\356\074\215\304\135\126\133\242\331\146\156\263\065\067\345
\062\266
END
CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Global Root G2"
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5
#
Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
\215\117\202\244
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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```
#
# Certificate "DigiCert Global Root G3"
#
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
#
Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\077\060\202\001\305\240\003\002\001\002\002\020\005
\125\126\274\362\136\244\065\065\303\244\017\325\253\105\162\060
\012\006\010\052\206\110\316\075\004\003\003\060\141\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
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\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156  
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056  
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036  
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040  
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\036  
\027\015\061\063\060\070\060\061\061\062\060\060\060\060\132\027  
\015\063\070\060\061\061\065\061\062\060\060\060\060\132\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107  
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\335\247\331\273\212\270\013  
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352  
\336\306\233\274\320\225\366\360\314\320\013\272\141\133\121\106  
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056  
\100\203\234\350\077\101\155\073\255\323\244\024\131\066\170\235  
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316  
\147\334\043\377\003\034\243\342\076\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035  
\006\003\125\035\016\004\026\004\024\263\333\110\244\371\241\305  
\330\256\066\101\314\021\143\151\142\051\274\113\306\060\012\006  
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061  
\000\255\274\362\154\077\022\112\321\055\071\303\012\011\227\163  
\364\210\066\214\210\047\273\346\210\215\120\205\247\143\371\236  
\062\336\146\223\017\361\314\261\011\217\335\154\253\372\153\177  
\240\002\060\071\146\133\302\144\215\270\236\120\334\250\325\111  
\242\355\307\334\321\111\177\027\001\270\310\206\217\116\214\210  
\053\250\232\251\212\305\321\000\275\370\124\342\232\345\133\174  
\263\047\027

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Global Root G3"

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

#

Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72

# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0

```

# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
#
Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

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```
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\005
\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\041\060\037\006\003\125\004\003\023\030\104\151\147\151\103\145
\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040
\107\064\060\036\027\015\061\063\060\070\060\061\061\062\060\060
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060
\060\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056
\143\157\155\061\041\060\037\006\003\125\004\003\023\030\104\151
\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122
\157\157\164\040\107\064\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\277\346\220\163\150\336\273\344\135
\112\074\060\042\060\151\063\354\302\247\045\056\311\041\075\362
```

|212\330\131\302\341\051\247\075\130\253\166\232\315\256\173\033  
|204\015\304\060\037\363\033\244\070\026\353\126\306\227\155\035  
|253\262\171\362\312\021\322\344\137\326\005\074\122\017\122\037  
|306\236\025\245\176\276\237\251\127\026\131\125\162\257\150\223  
|160\302\262\272\165\231\152\163\062\224\321\020\104\020\056\337  
|202\363\007\204\346\164\073\155\161\342\055\014\033\356\040\325  
|311\040\035\143\051\055\316\354\136\116\310\223\370\041\141\233  
|064\353\005\306\136\354\133\032\274\353\311\317\315\254\064\100  
|137\261\172\146\356\167\310\110\250\146\127\127\237\124\130\216  
|014\053\267\117\247\060\331\126\356\312\173\135\343\255\311\117  
|136\345\065\347\061\313\332\223\136\334\216\217\200\332\266\221  
|230\100\220\171\303\170\307\266\261\304\265\152\030\070\003\020  
|215\330\324\067\244\056\005\175\210\365\202\076\020\221\160\253  
|125\202\101\062\327\333\004\163\052\156\221\001\174\041\114\324  
|274\256\033\003\165\135\170\146\331\072\061\104\232\063\100\277  
|010\327\132\111\244\302\346\251\240\147\335\244\047\274\241\117  
|071\265\021\130\027\367\044\134\106\217\144\367\301\151\210\166  
|230\166\075\131\135\102\166\207\211\227\151\172\110\360\340\242  
|022\033\146\232\164\312\336\113\036\347\016\143\256\346\324\357  
|222\222\072\236\075\334\000\344\105\045\211\266\232\104\031\053  
|176\300\224\264\322\141\155\353\063\331\305\337\113\004\000\314  
|175\034\225\303\217\367\041\262\262\021\267\273\177\362\325\214  
|160\054\101\140\252\261\143\030\104\225\032\166\142\176\366\200  
|260\373\350\144\246\063\321\211\007\341\275\267\346\103\244\030  
|270\246\167\001\341\017\224\014\041\035\262\124\051\045\211\154  
|345\016\122\121\107\164\276\046\254\266\101\165\336\172\254\137  
|215\077\311\274\323\101\021\022\133\345\020\120\353\061\305\312  
|162\026\042\011\337\174\114\165\077\143\354\041\137\304\040\121  
|153\157\261\253\206\213\117\302\326\105\137\235\040\374\241\036  
|305\300\217\242\261\176\012\046\231\365\344\151\057\230\035\055  
|365\331\251\262\035\345\033\002\003\001\000\001\243\102\060\100  
|060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
|377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
|206\060\035\006\003\125\035\016\004\026\004\024\354\327\343\202  
|322\161\135\144\114\337\056\147\077\347\272\230\256\034\017\117  
|060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003  
|202\002\001\000\273\141\331\175\251\154\276\027\304\221\033\303  
|241\242\000\215\343\144\150\017\126\317\167\256\160\371\375\232  
|112\231\271\311\170\134\014\014\137\344\346\024\051\126\013\066  
|111\135\104\143\340\255\234\226\030\146\033\043\015\075\171\351  
|155\153\326\124\370\322\074\301\103\100\256\035\120\365\122\374  
|220\073\273\230\231\151\153\307\301\247\250\150\244\047\334\235  
|371\047\256\060\205\271\366\147\115\072\076\217\131\071\042\123  
|104\353\310\135\003\312\355\120\172\175\142\041\012\200\310\163  
|146\321\240\005\140\137\350\245\264\247\257\250\367\155\065\234  
|174\132\212\326\242\070\231\363\170\213\364\115\322\040\013\336  
|004\356\214\233\107\201\162\015\300\024\062\357\060\131\056\256  
|340\161\362\126\344\152\227\157\222\120\155\226\215\150\172\232

```
\262\066\024\172\006\362\044\271\011\021\120\327\010\261\270\211
\172\204\043\141\102\051\345\243\315\242\040\101\327\321\234\144
\331\352\046\241\213\024\327\114\031\262\120\101\161\075\077\115
\160\043\206\014\112\334\201\322\314\062\224\204\015\010\011\227
\034\117\300\356\153\040\164\060\322\340\071\064\020\205\041\025
\001\010\350\125\062\336\161\111\331\050\027\120\115\346\276\115
\321\165\254\320\312\373\101\270\103\245\252\323\303\005\104\117
\054\066\233\342\372\342\105\270\043\123\154\006\157\147\125\177
\106\265\114\077\156\050\132\171\046\322\244\250\142\227\322\036
\342\355\112\213\274\033\375\107\112\015\337\147\146\176\262\133
\101\320\073\344\364\073\364\004\143\351\357\302\124\000\121\240
\212\052\311\316\170\314\325\352\207\004\030\263\316\257\111\210
\257\363\222\231\266\263\346\141\017\322\205\000\347\120\032\344
\033\225\235\031\241\271\234\261\233\261\000\036\357\320\017\117
\102\154\311\012\274\356\103\372\072\161\245\310\115\046\245\065
\375\211\135\274\205\142\035\062\322\240\053\124\355\232\127\301
\333\372\020\317\031\267\213\112\033\217\001\266\047\225\123\350
\266\211\155\133\274\150\324\043\350\213\121\242\126\371\360\246
\200\240\326\036\263\274\017\017\123\165\051\252\352\023\167\344
\336\214\201\041\255\007\020\107\021\255\207\075\007\321\165\274
\317\363\146\176
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Trusted Root G4"

# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c

# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88

# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL

CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Trusted Root G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\335\373\026\315\111\061\311\163\242\003\175\077\310\072\115\175
\167\135\005\344
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\170\362\374\252\140\037\057\264\353\311\067\272\123\056\165\111
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO RSA Certification Authority"
#
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101

```



```
\165\164\150\157\162\151\164\171
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\330\060\202\003\300\240\003\002\001\002\002\020\114
\252\371\312\333\143\157\340\037\367\116\330\133\003\206\235\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\205\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103
\101\040\114\151\155\151\164\145\144\061\053\060\051\006\003\125
\004\003\023\042\103\117\115\117\104\117\040\122\123\101\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\060\036\027\015\061\060\060\061\061\071
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\201\205\061\013\060\011\006\003\125
\004\006\023\002\107\102\061\033\060\031\006\003\125\004\010\023
\022\107\162\145\141\164\145\162\040\115\141\156\143\150\145\163
\164\145\162\061\020\060\016\006\003\125\004\007\023\007\123\141
\154\146\157\162\144\061\032\060\030\006\003\125\004\012\023\021
\103\117\115\117\104\117\040\103\101\040\114\151\155\151\164\145
\144\061\053\060\051\006\003\125\004\003\023\042\103\117\115\117
\104\117\040\122\123\101\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\221
\350\124\222\322\012\126\261\254\015\044\335\305\317\104\147\164
\231\053\067\243\175\043\160\000\161\274\123\337\304\372\052\022
\217\113\177\020\126\275\237\160\162\267\141\177\311\113\017\027
```

\247\075\343\260\004\141\356\377\021\227\307\364\206\076\012\372  
\076\134\371\223\346\064\172\331\024\153\347\234\263\205\240\202  
\172\166\257\161\220\327\354\375\015\372\234\154\372\337\260\202  
\364\024\176\371\276\304\246\057\117\177\231\177\265\374\147\103  
\162\275\014\000\326\211\353\153\054\323\355\217\230\034\024\253  
\176\345\343\156\374\330\250\344\222\044\332\103\153\142\270\125  
\375\352\301\274\154\266\213\363\016\215\232\344\233\154\151\231  
\370\170\110\060\105\325\255\341\015\074\105\140\374\062\226\121  
\047\274\147\303\312\056\266\153\352\106\307\307\040\240\261\037  
\145\336\110\010\272\244\116\251\362\203\106\067\204\353\350\314  
\201\110\103\147\116\162\052\233\134\275\114\033\050\212\134\042  
\173\264\253\230\331\356\340\121\203\303\011\106\116\155\076\231  
\372\225\027\332\174\063\127\101\074\215\121\355\013\266\134\257  
\054\143\032\337\127\310\077\274\351\135\304\233\257\105\231\342  
\243\132\044\264\272\251\126\075\317\157\252\377\111\130\276\360  
\250\377\364\270\255\351\067\373\272\270\364\013\072\371\350\103  
\102\036\211\330\204\313\023\361\331\273\341\211\140\270\214\050  
\126\254\024\035\234\012\347\161\353\317\016\335\075\251\226\241  
\110\275\074\367\257\265\015\042\114\300\021\201\354\126\073\366  
\323\242\342\133\267\262\004\042\122\225\200\223\151\350\216\114  
\145\361\221\003\055\160\164\002\352\213\147\025\051\151\122\002  
\273\327\337\120\152\125\106\277\240\243\050\141\177\160\320\303  
\242\252\054\041\252\107\316\050\234\006\105\166\277\202\030\047  
\264\325\256\264\313\120\346\153\364\114\206\161\060\351\246\337  
\026\206\340\330\377\100\335\373\320\102\210\177\243\063\072\056  
\134\036\101\021\201\143\316\030\161\153\053\354\246\212\267\061  
\134\072\152\107\340\303\171\131\326\040\032\257\362\152\230\252  
\162\274\127\112\322\113\235\273\020\374\260\114\101\345\355\035  
\075\136\050\235\234\314\277\263\121\332\247\107\345\204\123\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004  
\026\004\024\273\257\176\002\075\372\246\361\074\204\216\255\356  
\070\230\354\331\062\062\324\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206  
\367\015\001\001\014\005\000\003\202\002\001\000\012\361\325\106  
\204\267\256\121\273\154\262\115\101\024\000\223\114\234\313\345  
\300\124\317\240\045\216\002\371\375\260\242\015\365\040\230\074  
\023\055\254\126\242\260\326\176\021\222\351\056\272\236\056\232  
\162\261\275\031\104\154\141\065\242\232\264\026\022\151\132\214  
\341\327\076\244\032\350\057\003\364\256\141\035\020\033\052\244  
\213\172\305\376\005\246\341\300\326\310\376\236\256\217\053\272  
\075\231\370\330\163\011\130\106\156\246\234\364\327\047\323\225  
\332\067\203\162\034\323\163\340\242\107\231\003\070\135\325\111  
\171\000\051\034\307\354\233\040\034\007\044\151\127\170\262\071  
\374\072\204\240\265\234\174\215\277\056\223\142\047\267\071\332  
\027\030\256\275\074\011\150\377\204\233\074\325\326\013\003\343  
\127\236\024\367\321\353\117\310\275\207\043\267\266\111\103\171  
\205\134\272\353\222\013\241\306\350\150\250\114\026\261\032\231

```
\012\350\123\054\222\273\241\011\030\165\014\145\250\173\313\043
\267\032\302\050\205\303\033\377\320\053\142\357\244\173\011\221
\230\147\214\024\001\315\150\006\152\143\041\165\003\200\210\212
\156\201\306\205\362\251\244\055\347\364\245\044\020\107\203\312
\315\364\215\171\130\261\006\233\347\032\052\331\235\001\327\224
\175\355\003\112\312\360\333\350\251\001\076\365\126\231\311\036
\216\111\075\273\345\011\271\340\117\111\222\075\026\202\100\314
\314\131\306\346\072\355\022\056\151\074\154\225\261\375\252\035
\173\177\206\276\036\016\062\106\373\373\023\217\165\177\114\213
\113\106\143\376\000\064\100\160\301\303\271\241\335\246\160\342
\004\263\101\274\351\200\221\352\144\234\172\341\042\003\251\234
\156\157\016\145\117\154\207\207\136\363\156\240\371\165\245\233
\100\350\123\262\047\235\112\271\300\167\041\215\377\207\362\336
\274\214\357\027\337\267\111\013\321\362\156\060\013\032\016\116
\166\355\021\374\365\351\126\262\175\277\307\155\012\223\214\245
\320\300\266\035\276\072\116\224\242\327\156\154\013\302\212\174
\372\040\363\304\344\345\315\015\250\313\221\222\261\174\205\354
\265\024\151\146\016\202\347\315\316\310\055\246\121\177\041\301
\065\123\205\006\112\135\237\255\273\033\137\164
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "COMODO RSA Certification Authority"

# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d

# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Tue Jan 19 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34

#

Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO RSA Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\257\345\322\104\250\321\031\102\060\377\107\237\342\370\227\273
\315\172\214\264
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\033\061\260\161\100\066\314\024\066\221\255\304\076\375\354\030
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003  
\206\235

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "USERTrust RSA Certification Authority"

#

# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d

# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2

# Fingerprint

(SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust RSA Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122

\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065  
\003\055

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001  
\375\155\060\374\243\312\121\250\033\274\144\016\065\003\055\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201  
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023  
\060\021\006\003\125\004\010\023\012\116\145\167\040\112\145\162  
\163\145\171\061\024\060\022\006\003\125\004\007\023\013\112\145  
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003\125  
\004\012\023\025\124\150\145\040\125\123\105\122\124\122\125\123  
\124\040\116\145\164\167\157\162\153\061\056\060\054\006\003\125  
\004\003\023\045\125\123\105\122\124\162\165\163\164\040\122\123  
\101\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\036\027\015\061\060\060  
\062\060\061\060\060\060\060\060\132\027\015\063\070\060\061  
\061\070\062\063\065\071\065\071\132\060\201\210\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125  
\004\010\023\012\116\145\167\040\112\145\162\163\145\171\061\024  
\060\022\006\003\125\004\007\023\013\112\145\162\163\145\171\040  
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124  
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164  
\167\157\162\153\061\056\060\054\006\003\125\004\003\023\045\125  
\123\105\122\124\162\165\163\164\040\122\123\101\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\200\022\145\027\066\016\303\333\010\263\320

\254\127\015\166\355\315\047\323\114\255\120\203\141\342\252\040  
\115\011\055\144\011\334\316\211\237\314\075\251\354\366\317\301  
\334\361\323\261\326\173\067\050\021\053\107\332\071\306\274\072  
\031\264\137\246\275\175\235\243\143\102\266\166\362\251\073\053  
\221\370\342\157\320\354\026\040\220\011\076\342\350\164\311\030  
\264\221\324\142\144\333\177\243\006\361\210\030\152\220\042\074  
\274\376\023\360\207\024\173\366\344\037\216\324\344\121\306\021  
\147\106\010\121\313\206\024\124\077\274\063\376\176\154\234\377  
\026\235\030\275\121\216\065\246\247\146\310\162\147\333\041\146  
\261\324\233\170\003\300\120\072\350\314\360\334\274\236\114\376  
\257\005\226\065\037\127\132\267\377\316\371\075\267\054\266\366  
\124\335\310\347\022\072\115\256\114\212\267\134\232\264\267\040  
\075\312\177\042\064\256\176\073\150\146\001\104\347\001\116\106  
\123\233\063\140\367\224\276\123\067\220\163\103\363\062\303\123  
\357\333\252\376\164\116\151\307\153\214\140\223\336\304\307\014  
\337\341\062\256\314\223\073\121\170\225\147\213\356\075\126\376  
\014\320\151\017\033\017\363\045\046\153\063\155\367\156\107\372  
\163\103\345\176\016\245\146\261\051\174\062\204\143\125\211\304  
\015\301\223\124\060\031\023\254\323\175\067\247\353\135\072\154  
\065\134\333\101\327\022\332\251\111\013\337\330\200\212\011\223  
\142\216\265\146\317\045\210\315\204\270\261\077\244\071\017\331  
\002\236\353\022\114\225\174\363\153\005\251\136\026\203\314\270  
\147\342\350\023\235\314\133\202\323\114\263\355\133\377\336\345  
\163\254\043\073\055\000\277\065\125\164\011\111\330\111\130\032  
\177\222\066\346\121\222\016\363\046\175\034\115\027\274\311\354  
\103\046\320\277\101\137\100\251\104\104\364\231\347\127\207\236  
\120\037\127\124\250\076\375\164\143\057\261\120\145\011\346\130  
\102\056\103\032\114\264\360\045\107\131\372\004\036\223\324\046  
\106\112\120\201\262\336\276\170\267\374\147\025\341\311\127\204  
\036\017\143\326\351\142\272\326\137\125\056\352\134\306\050\010  
\004\045\071\270\016\053\251\362\114\227\034\007\077\015\122\365  
\355\357\057\202\017\002\003\001\000\001\243\102\060\100\060\035  
\006\003\125\035\016\004\026\004\024\123\171\277\132\252\053\112  
\317\124\200\341\330\233\300\235\362\262\003\146\313\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015  
\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202\002  
\001\000\134\324\174\015\317\367\001\175\101\231\145\014\163\305  
\122\237\313\370\317\231\006\177\033\332\103\025\237\236\002\125  
\127\226\024\361\122\074\047\207\224\050\355\037\072\001\067\242  
\166\374\123\120\300\204\233\306\153\116\272\214\041\117\242\216  
\125\142\221\363\151\025\330\274\210\343\304\252\013\375\357\250  
\351\113\125\052\006\040\155\125\170\051\031\356\137\060\134\113  
\044\021\125\377\044\232\156\136\052\053\356\013\115\237\177\367  
\001\070\224\024\225\103\007\011\373\140\251\356\034\253\022\214  
\240\232\136\247\230\152\131\155\213\077\010\373\310\321\105\257  
\030\025\144\220\022\017\163\050\056\305\342\044\116\374\130\354  
\360\364\105\376\042\263\353\057\216\322\331\105\141\005\301\227

\157\250\166\162\217\213\214\066\257\277\015\005\316\161\215\346  
\246\157\037\154\246\161\142\305\330\320\203\162\014\361\147\021  
\211\014\234\023\114\162\064\337\274\325\161\337\252\161\335\341  
\271\154\214\074\022\135\145\332\275\127\022\266\103\153\377\345  
\336\115\146\021\121\317\231\256\354\027\266\350\161\221\214\336  
\111\376\335\065\161\242\025\047\224\034\317\141\343\046\273\157  
\243\147\045\041\135\346\335\035\013\056\150\033\073\202\257\354  
\203\147\205\324\230\121\164\261\271\231\200\211\377\177\170\031  
\134\171\112\140\056\222\100\256\114\067\052\054\311\307\142\310  
\016\135\367\066\133\312\340\045\045\001\264\335\032\007\234\167  
\000\077\320\334\325\354\075\324\372\273\077\314\205\326\157\177  
\251\055\337\271\002\367\365\227\232\265\065\332\303\147\260\207  
\112\251\050\236\043\216\377\134\047\153\341\260\117\363\007\356  
\000\056\324\131\207\313\122\101\225\352\364\107\327\356\144\101  
\125\174\215\131\002\225\335\142\235\302\271\356\132\050\164\204  
\245\233\267\220\307\014\007\337\365\211\066\164\062\326\050\301  
\260\260\013\340\234\114\303\034\326\374\343\151\265\107\106\201  
\057\242\202\253\323\143\104\160\304\215\377\055\063\272\255\217  
\173\265\160\210\256\076\031\317\100\050\330\374\310\220\273\135  
\231\042\365\122\346\130\305\037\210\061\103\356\210\035\327\306  
\216\074\103\152\035\247\030\336\175\075\026\361\142\371\312\220  
\250\375

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust RSA Certification Authority"

# Issuer: CN=USERTrust RSA

Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d

# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2

# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust RSA Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015  
\332\271\255\216

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "USERTrust ECC Certification Authority"
#
# Issuer: CN=USERTrust ECC Certification Authority,O=The
  USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
  Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A
# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006

```



\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200  
\314\046

END

CKA\_VALUE

MULTILINE\_OCTAL

\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134  
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\210\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006  
\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171  
\061\024\060\022\006\003\125\004\007\023\013\112\145\162\163\145  
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023  
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116  
\145\164\167\157\162\153\061\056\060\054\006\003\125\004\003\023  
\045\125\123\105\122\124\162\165\163\164\040\105\103\103\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\210\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\023  
\012\116\145\167\040\112\145\162\163\145\171\061\024\060\022\006  
\003\125\004\007\023\013\112\145\162\163\145\171\040\103\151\164  
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040  
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162  
\153\061\056\060\054\006\003\125\004\003\023\045\125\123\105\122  
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005

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\053\201\004\000\042\003\142\000\004\032\254\124\132\251\371\150
\043\347\172\325\044\157\123\306\132\330\113\253\306\325\266\321
\346\163\161\256\335\234\326\014\141\375\333\240\211\003\270\005
\024\354\127\316\356\135\077\342\041\263\316\367\324\212\171\340
\243\203\176\055\227\320\141\304\361\231\334\045\221\143\253\177
\060\243\264\160\342\307\241\063\234\363\277\056\134\123\261\137
\263\175\062\177\212\064\343\171\171\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\072\341\011\206\324\317\031\302
\226\166\164\111\166\334\340\065\306\143\143\232\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001
\317\073\252\102\021\144\240\235\224\071\002\021\171\134\173\035
\372\144\271\356\026\102\263\277\212\302\011\304\354\344\261\115
\002\061\000\351\052\141\107\214\122\112\113\116\030\160\366\326
\104\326\156\365\203\272\155\130\275\044\331\126\110\352\357\304
\242\106\201\210\152\072\106\321\251\233\115\311\141\332\321\135
\127\152\030
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust ECC Certification Authority"

# Issuer: CN=USERTrust

ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A

# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust ECC Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\372\150\274\331\265\177\255\375\311\035\006\203\050\314\044\301
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200  
\314\046

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign ECC Root CA - R4"

#

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA  
- R4

# Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):

BE:C9:49:11:C2:95:56:76:DB:6C:0A:55:09:86:D7:6E:3B:A0:05:66:7C:44:2C:97:62:B4:FB:B7:73:DE:22:8C

# Fingerprint (SHA1): 69:69:56:2E:40:80:F4:24:A1:E7:19:9F:14:BA:F3:EE:58:AB:6A:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign ECC Root CA - R4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350  
\064\230\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\341\060\202\001\207\240\003\002\001\002\002\021\052  
\070\244\034\226\012\004\336\102\262\050\245\013\350\064\230\002  
\060\012\006\010\052\206\110\316\075\004\003\002\060\120\061\044  
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123  
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040  
\055\040\122\064\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036  
\027\015\061\062\061\061\061\063\060\060\060\060\060\060\132\027  
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120  
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141  
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103  
\101\040\055\040\122\064\061\023\060\021\006\003\125\004\012\023  
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006  
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156  
\060\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052  
\206\110\316\075\003\001\007\003\102\000\004\270\306\171\323\217  
\154\045\016\237\056\071\031\034\003\244\256\232\345\071\007\011  
\026\312\143\261\271\206\370\212\127\301\127\316\102\372\163\241  
\367\145\102\377\036\301\000\262\156\163\016\377\307\041\345\030  
\244\252\331\161\077\250\324\271\316\214\035\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\124\260\173\255\105  
\270\342\100\177\373\012\156\373\276\063\311\074\243\204\325\060  
\012\006\010\052\206\110\316\075\004\003\002\003\110\000\060\105  
\002\041\000\334\222\241\240\023\246\317\003\260\346\304\041\227  
\220\372\024\127\055\003\354\356\074\323\156\312\250\154\166\274  
\242\336\273\002\040\047\250\205\047\065\233\126\306\243\362\107  
\322\267\156\033\002\000\027\252\147\246\025\221\336\372\224\354  
\173\013\370\237\204

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

```

CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
#
Fingerprint (SHA-256):
BE:C9:49:11:C2:95:56:76:DB:6C:0A:55:09:86:D7:6E:3B:A0:05:66:7C:44:2C:97:62:B4:FB:B7:73:DE:22:8C
# Fingerprint (SHA1): 69:69:56:2E:40:80:F4:24:A1:E7:19:9F:14:BA:F3:EE:58:AB:6A:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\151\151\126\056\100\200\364\044\241\347\031\237\024\272\363\356
\130\253\152\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\040\360\047\150\321\176\240\235\016\346\052\312\337\134\211\216
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350
\064\230\002
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign ECC Root CA - R5"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

```

```
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8
"GlobalSign ECC Root CA - R5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\036\060\202\001\244\240\003\002\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040
\055\040\122\065\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\061\063\060\060\060\060\060\060\132\027
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103
```

```
\101\040\055\040\122\065\061\023\060\021\006\003\125\004\012\023
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156
\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053
\201\004\000\042\003\142\000\004\107\105\016\226\373\175\135\277
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034
\360\142\061\055\300\172\050\376\032\247\134\263\266\314\227\347
\105\324\130\372\321\167\155\103\242\300\207\145\064\012\037\172
\335\353\074\063\241\305\235\115\244\157\101\225\070\177\311\036
\204\353\321\236\111\222\207\224\207\014\072\205\112\146\237\235
\131\223\115\227\141\006\206\112\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\075\346\051\110\233\352\007\312
\041\104\112\046\336\156\336\322\203\320\237\131\060\012\006\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\311\156\333\306\061\272\011\101\341\227\370\373\375
\232\342\175\022\311\355\174\144\323\313\005\045\213\126\331\240
\347\136\135\116\013\203\234\133\166\051\240\011\046\041\152\142
\002\060\161\322\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\316
\307\014\274\247\141\151\361\367\073\341\052\313\371\053\363\146
\220\067
```

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign ECC Root CA - R5"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):

17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24

# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

UTF8 "GlobalSign ECC Root CA - R5"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
```

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\255\073\034\002\036\212\272\027\164\070\201\014\242\274\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der
#   Nederlanden Root CA - G3"
#
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID

```



UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061  
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040  
\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\000\230\242\071

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\164\060\202\003\134\240\003\002\001\002\002\004\000  
\230\242\071\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\040\122\157\157\164\040\103\101\040\055\040\107\063\060\036  
\027\015\061\063\061\061\061\064\061\061\062\070\064\062\132\027  
\015\062\070\061\061\061\063\062\063\060\060\060\060\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\036\060  
\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060  
\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157  
\157\164\040\103\101\040\055\040\107\063\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\276\062\242\124\017  
\160\373\054\134\131\353\154\304\244\121\350\205\052\263\314\112  
\064\362\260\137\363\016\307\034\075\123\036\210\010\150\330\157  
\075\255\302\236\314\202\147\007\047\207\150\161\072\237\165\226  
\042\106\005\260\355\255\307\133\236\052\336\234\374\072\306\225  
\247\365\027\147\030\347\057\111\010\014\134\317\346\314\064\355  
\170\373\120\261\334\153\062\360\242\376\266\074\344\354\132\227  
\307\077\036\160\010\060\240\334\305\263\155\157\320\202\162\021  
\253\322\201\150\131\202\027\267\170\222\140\372\314\336\077\204  
\353\215\070\063\220\012\162\043\372\065\314\046\161\061\321\162  
\050\222\331\133\043\155\146\265\155\007\102\353\246\063\316\222  
\333\300\366\154\143\170\315\312\116\075\265\345\122\233\361\276  
\073\346\124\140\260\146\036\011\253\007\376\124\211\021\102\321  
\367\044\272\140\170\032\230\367\311\021\375\026\301\065\032\124  
\165\357\103\323\345\256\116\316\347\173\303\306\116\141\121\113  
\253\232\105\113\241\037\101\275\110\123\025\161\144\013\206\263  
\345\056\276\316\244\033\301\051\204\242\265\313\010\043\166\103  
\042\044\037\027\004\324\156\234\306\374\177\053\146\032\354\212

\345\326\317\115\365\143\011\267\025\071\326\173\254\353\343\174  
\351\116\374\165\102\310\355\130\225\014\006\102\242\234\367\344  
\160\263\337\162\157\132\067\100\211\330\205\244\327\361\013\336  
\103\031\324\112\130\054\214\212\071\236\277\204\207\361\026\073  
\066\014\351\323\264\312\154\031\101\122\011\241\035\260\152\277  
\202\357\160\121\041\062\334\005\166\214\313\367\144\344\003\120  
\257\214\221\147\253\305\362\356\130\330\336\276\367\347\061\317  
\154\311\073\161\301\325\210\265\145\274\300\350\027\027\007\022  
\265\134\322\253\040\223\264\346\202\203\160\066\305\315\243\215  
\255\213\354\243\301\103\207\346\103\342\064\276\225\213\065\355  
\007\071\332\250\035\172\237\066\236\022\260\014\145\022\220\025  
\140\331\046\100\104\343\126\140\245\020\324\152\074\375\101\334  
\016\132\107\266\357\227\141\165\117\331\376\307\262\035\324\355  
\135\111\263\251\152\313\146\204\023\325\134\240\334\337\156\167  
\006\321\161\165\310\127\157\257\017\167\133\002\003\001\000\001  
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024  
\124\255\372\307\222\127\256\312\065\234\056\022\373\344\272\135  
\040\334\224\127\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\060\231\235\005\062\310\136\016  
\073\230\001\072\212\244\347\007\367\172\370\347\232\337\120\103  
\123\227\052\075\312\074\107\230\056\341\025\173\361\222\363\141  
\332\220\045\026\145\300\237\124\135\016\003\073\133\167\002\234  
\204\266\015\230\137\064\335\073\143\302\303\050\201\302\234\051  
\056\051\342\310\303\001\362\063\352\052\252\314\011\010\367\145  
\147\306\315\337\323\266\053\247\275\314\321\016\160\137\270\043  
\321\313\221\116\012\364\310\172\345\331\143\066\301\324\337\374  
\042\227\367\140\135\352\051\057\130\262\275\130\275\215\226\117  
\020\165\277\110\173\075\121\207\241\074\164\042\302\374\007\177  
\200\334\304\254\376\152\301\160\060\260\351\216\151\342\054\151  
\201\224\011\272\335\376\115\300\203\214\224\130\300\106\040\257  
\234\037\002\370\065\125\111\057\106\324\300\360\240\226\002\017  
\063\305\161\363\236\043\175\224\267\375\072\323\011\203\006\041  
\375\140\075\256\062\300\322\356\215\246\360\347\264\202\174\012  
\314\160\311\171\200\370\376\114\367\065\204\031\212\061\373\012  
\331\327\177\233\360\242\232\153\303\005\112\355\101\140\024\060  
\321\252\021\102\156\323\043\002\004\013\306\145\335\335\122\167  
\332\201\153\262\250\372\001\070\271\226\352\052\154\147\227\211  
\224\236\274\341\124\325\344\152\170\357\112\275\053\232\075\100  
\176\306\300\165\322\156\373\150\060\354\354\213\235\371\111\065  
\232\032\054\331\263\225\071\325\036\222\367\246\271\145\057\345  
\075\155\072\110\114\010\334\344\050\022\050\276\175\065\134\352  
\340\026\176\023\033\152\327\076\327\236\374\055\165\262\301\024  
\325\043\003\333\133\157\013\076\170\057\015\336\063\215\026\267  
\110\347\203\232\201\017\173\301\103\115\125\004\027\070\112\121  
\325\131\242\211\164\323\237\276\036\113\327\306\155\267\210\044  
\157\140\221\244\202\205\133\126\101\274\320\104\253\152\023\276

```
\321\054\130\267\022\063\130\262\067\143\334\023\365\224\035\077
\100\121\365\117\365\072\355\310\305\353\302\036\035\026\225\172
\307\176\102\161\223\156\113\025\267\060\337\252\355\127\205\110
\254\035\152\335\071\151\344\341\171\170\276\316\005\277\241\014
\367\200\173\041\147\047\060\131
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Staat der Nederlanden Root CA - G3"

# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

# Serial Number: 10003001 (0x98a239)

# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

# Not Valid Before: Thu Nov 14 11:28:42 2013

# Not Valid After : Mon Nov 13 23:00:00 2028

# Fingerprint (SHA-256):

3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28

# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Staat der Nederlanden Root CA - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\004\000\230\242\071
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING

```

CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\160\060\202\003\130\240\003\002\001\002\002\004\000
\230\226\215\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\130\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\051\060\047\006\003\125\004\003\014\040\123\164\141\141

```

\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015  
\061\060\061\062\060\070\061\061\061\071\062\071\132\027\015\062  
\062\061\062\060\070\061\061\061\060\062\070\132\060\130\061\013  
\060\011\006\003\125\004\006\023\002\116\114\061\036\060\034\006  
\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040  
\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006  
\003\125\004\003\014\040\123\164\141\141\164\040\144\145\162\040  
\116\145\144\145\162\154\141\156\144\145\156\040\105\126\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\343\307\176\211\371\044\113\072\322  
\063\203\065\054\151\354\334\011\244\343\121\250\045\053\171\270  
\010\075\340\221\272\204\205\306\205\244\312\346\311\056\123\244  
\311\044\036\375\125\146\161\135\054\305\140\150\004\267\331\302  
\122\046\070\210\244\326\073\100\246\302\315\077\315\230\223\263  
\124\024\130\226\125\325\120\376\206\255\244\143\177\134\207\366  
\216\346\047\222\147\027\222\002\003\054\334\326\146\164\355\335  
\147\377\301\141\215\143\117\017\233\155\027\060\046\357\253\322  
\037\020\240\371\305\177\026\151\201\003\107\355\036\150\215\162  
\241\115\262\046\306\272\154\137\155\326\257\321\261\023\216\251  
\255\363\136\151\165\046\030\076\101\053\041\177\356\213\135\007  
\006\235\103\304\051\012\053\374\052\076\206\313\074\203\072\371  
\311\015\332\305\231\342\274\170\101\063\166\341\277\057\135\345  
\244\230\120\014\025\335\340\372\234\177\070\150\320\262\246\172  
\247\321\061\275\176\212\130\047\103\263\272\063\221\323\247\230  
\025\134\232\346\323\017\165\331\374\101\230\227\076\252\045\333  
\217\222\056\260\173\014\137\361\143\251\067\371\233\165\151\114  
\050\046\045\332\325\362\022\160\105\125\343\337\163\136\067\365  
\041\154\220\216\065\132\311\323\043\353\323\300\276\170\254\102  
\050\130\146\245\106\155\160\002\327\020\371\113\124\374\135\206  
\112\207\317\177\312\105\254\021\132\265\040\121\215\057\210\107  
\227\071\300\317\272\300\102\001\100\231\110\041\013\153\247\322  
\375\226\325\321\276\106\235\111\340\013\246\240\042\116\070\320  
\301\074\060\274\160\217\054\165\314\320\305\214\121\073\075\224  
\010\144\046\141\175\271\303\145\217\024\234\041\320\252\375\027  
\162\003\217\275\233\214\346\136\123\236\271\235\357\202\273\341  
\274\342\162\101\133\041\224\323\105\067\224\321\337\011\071\135  
\347\043\252\232\035\312\155\250\012\206\205\212\202\276\102\007  
\326\362\070\202\163\332\207\133\345\074\323\236\076\247\073\236  
\364\003\263\371\361\175\023\164\002\377\273\241\345\372\000\171  
\034\246\146\101\210\134\140\127\246\056\011\304\272\375\232\317  
\247\037\100\303\273\314\132\012\125\113\073\070\166\121\270\143  
\213\204\224\026\346\126\363\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\376\253\000\220  
\230\236\044\374\251\314\032\212\373\047\270\277\060\156\250\073

\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\317\167\054\156\126\276\116\263\266\204\000\224  
\253\107\311\015\322\166\307\206\237\035\007\323\266\264\273\010  
\170\257\151\322\013\111\336\063\305\254\255\302\210\002\175\006  
\267\065\002\301\140\311\277\304\350\224\336\324\323\251\023\045  
\132\376\156\242\256\175\005\334\175\363\154\360\176\246\215\356  
\331\327\316\130\027\350\251\051\256\163\110\207\347\233\312\156  
\051\241\144\137\031\023\367\256\006\020\377\121\306\233\115\125  
\045\117\223\231\020\001\123\165\361\023\316\307\246\101\101\322  
\277\210\245\177\105\374\254\270\245\265\063\014\202\304\373\007  
\366\152\345\045\204\137\006\312\301\206\071\021\333\130\315\167  
\073\054\302\114\017\136\232\343\360\253\076\141\033\120\044\302  
\300\364\361\031\360\021\051\266\245\030\002\233\327\143\114\160  
\214\107\243\003\103\134\271\135\106\240\015\157\377\131\216\276  
\335\237\162\303\133\053\337\214\133\316\345\014\106\154\222\262  
\012\243\114\124\102\030\025\022\030\275\332\374\272\164\156\377  
\301\266\240\144\330\251\137\125\256\237\134\152\166\226\330\163  
\147\207\373\115\177\134\356\151\312\163\020\373\212\251\375\236  
\275\066\070\111\111\207\364\016\024\360\351\207\270\077\247\117  
\172\132\216\171\324\223\344\273\150\122\204\254\154\351\363\230  
\160\125\162\062\371\064\253\053\111\265\315\040\142\344\072\172  
\147\143\253\226\334\155\256\227\354\374\237\166\126\210\056\146  
\317\133\266\311\244\260\327\005\272\341\047\057\223\273\046\052  
\242\223\260\033\363\216\276\035\100\243\271\066\217\076\202\032  
\032\136\210\352\120\370\131\342\203\106\051\013\343\104\134\341  
\225\266\151\220\232\024\157\227\256\201\317\150\357\231\232\276  
\265\347\341\177\370\372\023\107\026\114\314\155\010\100\347\213  
\170\157\120\202\104\120\077\146\006\212\253\103\204\126\112\017  
\040\055\206\016\365\322\333\322\172\212\113\315\245\350\116\361  
\136\046\045\001\131\043\240\176\322\366\176\041\127\327\047\274  
\025\127\114\244\106\301\340\203\036\014\114\115\037\117\006\031  
\342\371\250\364\072\202\241\262\171\103\171\326\255\157\172\047  
\220\003\244\352\044\207\077\331\275\331\351\362\137\120\111\034  
\356\354\327\056

END

CKA\_NSS\_Mozilla\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Staat der Nederlanden EV Root CA"

# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL

# Serial Number: 10000013 (0x98968d)

# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL

# Not Valid Before: Wed Dec 08 11:19:29 2010

# Not Valid After : Thu Dec 08 11:10:28 2022

# Fingerprint (SHA-256):

4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A

```

#
Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\166\342\176\301\117\333\202\301\300\246\165\265\005\276\075\051
\264\355\333\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "IdenTrust Commercial Root CA 1"
#
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162  
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144  
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\040\122\157\157\164\040\103\101\040\061

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162  
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144  
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\040\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000  
\000\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\020\012  
\001\102\200\000\000\001\105\043\310\104\265\000\000\000\002\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060  
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163  
\164\061\047\060\045\006\003\125\004\003\023\036\111\144\145\156  
\124\162\165\163\164\040\103\157\155\155\145\162\143\151\141\154  
\040\122\157\157\164\040\103\101\040\061\060\036\027\015\061\064  
\060\061\061\066\061\070\061\062\062\063\132\027\015\063\064\060  
\061\061\066\061\070\061\062\062\063\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125  
\004\012\023\011\111\144\145\156\124\162\165\163\164\061\047\060  
\045\006\003\125\004\003\023\036\111\144\145\156\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\040\122\157\157  
\164\040\103\101\040\061\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\247\120\031\336\077\231\075\324\063  
\106\361\157\121\141\202\262\251\117\217\147\211\135\204\331\123  
\335\014\050\331\327\360\377\256\225\103\162\231\371\265\135\174  
\212\301\102\341\061\120\164\321\201\015\174\315\233\041\253\103  
\342\254\255\136\206\156\363\011\212\037\132\062\275\242\353\224  
\371\350\134\012\354\377\230\322\257\161\263\264\123\237\116\207  
\357\222\274\275\354\117\062\060\210\113\027\136\127\304\123\302  
\366\002\227\215\331\142\053\277\044\037\142\215\337\303\270\051  
\113\111\170\074\223\140\210\042\374\231\332\066\310\302\242\324  
\054\124\000\147\065\156\163\277\002\130\360\244\335\345\260\242  
\046\172\312\340\066\245\031\026\365\375\267\357\256\077\100\365



\155\132\004\375\316\064\312\044\334\164\043\033\135\063\023\022  
\135\304\001\045\366\060\335\002\135\237\340\325\107\275\264\353  
\033\241\273\111\111\330\237\133\002\363\212\344\044\220\344\142  
\117\117\301\257\213\016\164\027\250\321\162\210\152\172\001\111  
\314\264\106\171\306\027\261\332\230\036\007\131\372\165\041\205  
\145\335\220\126\316\373\253\245\140\235\304\235\371\122\260\213  
\275\207\371\217\053\043\012\043\166\073\367\063\341\311\000\363  
\151\371\113\242\340\116\274\176\223\071\204\007\367\104\160\176  
\376\007\132\345\261\254\321\030\314\362\065\345\111\111\010\312  
\126\311\075\373\017\030\175\213\073\301\023\302\115\217\311\117  
\016\067\351\037\241\016\152\337\142\056\313\065\006\121\171\054  
\310\045\070\364\372\113\247\211\134\234\322\343\015\071\206\112  
\164\174\325\131\207\302\077\116\014\134\122\364\075\367\122\202  
\361\352\243\254\375\111\064\032\050\363\101\210\072\023\356\350  
\336\377\231\035\137\272\313\350\036\362\271\120\140\300\061\323  
\163\345\357\276\240\355\063\013\164\276\040\040\304\147\154\360  
\010\003\172\125\200\177\106\116\226\247\364\036\076\341\366\330  
\011\341\063\144\053\143\327\062\136\237\371\300\173\017\170\157  
\227\274\223\232\371\234\022\220\170\172\200\207\025\327\162\164  
\234\125\164\170\261\272\341\156\160\004\272\117\240\272\150\303  
\173\377\061\360\163\075\075\224\052\261\013\101\016\240\376\115  
\210\145\153\171\063\264\327\002\003\001\000\001\243\102\060\100  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\355\104\031\300  
\323\360\006\213\356\244\173\276\102\347\046\124\310\216\066\166  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\015\256\220\062\366\246\113\174\104\166\031\141  
\036\047\050\315\136\124\357\045\274\343\010\220\371\051\327\256  
\150\010\341\224\000\130\357\056\056\176\123\122\214\266\134\007  
\352\210\272\231\213\120\224\327\202\200\337\141\011\000\223\255  
\015\024\346\316\301\362\067\224\170\260\137\234\263\242\163\270  
\217\005\223\070\315\215\076\260\270\373\300\317\261\362\354\055  
\055\033\314\354\252\232\263\252\140\202\033\055\073\303\204\075  
\127\212\226\036\234\165\270\323\060\315\140\010\203\220\323\216  
\124\361\115\146\300\135\164\003\100\243\356\205\176\302\037\167  
\234\006\350\301\247\030\135\122\225\355\311\335\045\236\155\372  
\251\355\243\072\064\320\131\173\332\355\120\363\065\277\355\353  
\024\115\061\307\140\364\332\361\207\234\342\110\342\306\305\067  
\373\006\020\372\165\131\146\061\107\051\332\166\232\034\351\202  
\256\357\232\271\121\367\210\043\232\151\225\142\074\345\125\200  
\066\327\124\002\377\361\271\135\316\324\043\157\330\105\204\112  
\133\145\357\211\014\335\024\247\040\313\030\245\045\264\015\371  
\001\360\242\322\364\000\310\164\216\241\052\110\216\145\333\023  
\304\342\045\027\175\353\276\207\133\027\040\124\121\223\112\123  
\003\013\354\135\312\063\355\142\375\105\307\057\133\334\130\240  
\200\071\346\372\327\376\023\024\246\355\075\224\112\102\164\324  
\303\167\131\163\315\217\106\276\125\070\357\372\350\221\062\352

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\227\130\004\042\336\070\303\314\274\155\311\063\072\152\012\151
\077\240\310\352\162\217\214\143\206\043\275\155\074\226\236\225
\340\111\114\252\242\271\052\033\234\066\201\170\355\303\350\106
\342\046\131\104\165\036\331\165\211\121\315\020\204\235\141\140
\313\135\371\227\042\115\216\230\346\343\177\366\133\273\256\315
\312\112\201\153\136\013\363\121\341\164\053\351\176\047\247\331
\231\111\116\370\245\200\333\045\017\034\143\142\212\311\063\147
\153\074\020\203\306\255\336\250\315\026\216\215\360\007\067\161
\237\362\253\374\101\365\301\213\354\000\067\135\011\345\116\200
\357\372\261\134\070\006\245\033\112\341\334\070\055\074\334\253
\037\220\032\325\112\234\356\321\160\154\314\356\364\127\370\030
\272\204\156\207
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "IdenTrust Commercial Root CA 1"

# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02

# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Not Valid Before: Thu Jan 16 18:12:23 2014

# Not Valid After : Mon Jan 16 18:12:23 2034

# Fingerprint (SHA-256):

5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE

#

Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "IdenTrust Commercial Root CA 1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\337\161\176\252\112\331\116\311\125\204\231\140\055\110\336\137
\274\360\072\045
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```

\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Public Sector Root CA 1"
#
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\146\060\202\003\116\240\003\002\001\002\002\020\012

```

\001\102\200\000\000\001\105\043\317\106\174\000\000\000\002\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\115  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060  
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163  
\164\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156  
\124\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143  
\164\157\162\040\122\157\157\164\040\103\101\040\061\060\036\027  
\015\061\064\060\061\061\066\061\067\065\063\063\062\132\027\015  
\063\064\060\061\061\066\061\067\065\063\063\062\132\060\115\061  
\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060\020  
\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163\164  
\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156\124  
\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143\164  
\157\162\040\122\157\157\164\040\103\101\040\061\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\266\042\224  
\374\244\110\257\350\107\153\012\373\047\166\344\362\077\212\073  
\172\112\054\061\052\214\215\260\251\303\061\153\250\167\166\204  
\046\266\254\201\102\015\010\353\125\130\273\172\370\274\145\175  
\362\240\155\213\250\107\351\142\166\036\021\356\010\024\321\262  
\104\026\364\352\320\372\036\057\136\333\313\163\101\256\274\000  
\260\112\053\100\262\254\341\073\113\302\055\235\344\241\233\354  
\032\072\036\360\010\263\320\344\044\065\007\237\234\264\311\122  
\155\333\007\312\217\265\133\360\203\363\117\307\055\245\310\255  
\313\225\040\244\061\050\127\130\132\344\215\033\232\253\236\015  
\014\362\012\063\071\042\071\012\227\056\363\123\167\271\104\105  
\375\204\313\066\040\201\131\055\232\157\155\110\110\141\312\114  
\337\123\321\257\122\274\104\237\253\057\153\203\162\357\165\200  
\332\006\063\033\135\310\332\143\306\115\315\254\146\061\315\321  
\336\076\207\020\066\341\271\244\172\357\140\120\262\313\312\246  
\126\340\067\257\253\064\023\071\045\350\071\146\344\230\172\252  
\022\230\234\131\146\206\076\255\361\260\312\076\006\017\173\360  
\021\113\067\240\104\155\173\313\250\214\161\364\325\265\221\066  
\314\360\025\306\053\336\121\027\261\227\114\120\075\261\225\131  
\174\005\175\055\041\325\000\277\001\147\242\136\173\246\134\362  
\367\042\361\220\015\223\333\252\104\121\146\314\175\166\003\353  
\152\250\052\070\031\227\166\015\153\212\141\371\274\366\356\166  
\375\160\053\335\051\074\370\012\036\133\102\034\213\126\057\125  
\033\034\241\056\265\307\026\346\370\252\074\222\216\151\266\001  
\301\265\206\235\211\017\013\070\224\124\350\352\334\236\075\045  
\274\123\046\355\325\253\071\252\305\100\114\124\253\262\264\331  
\331\370\327\162\333\034\274\155\275\145\137\357\210\065\052\146  
\057\356\366\263\145\360\063\215\174\230\101\151\106\017\103\034  
\151\372\233\265\320\141\152\315\312\113\331\114\220\106\253\025  
\131\241\107\124\051\056\203\050\137\034\302\242\253\162\027\000  
\006\216\105\354\213\342\063\075\177\332\031\104\344\142\162\303  
\337\042\306\362\126\324\335\137\225\162\355\155\137\367\110\003  
\133\375\305\052\240\366\163\043\204\020\033\001\347\002\003\001

\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\343\161\340\236\330\247\102\331\333\161\221\153\224\223  
\353\303\243\321\024\243\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\107\372\335\012\260\021  
\221\070\255\115\135\367\345\016\227\124\031\202\110\207\124\214  
\252\144\231\330\132\376\210\001\305\130\245\231\261\043\124\043  
\267\152\035\040\127\345\001\142\101\027\323\011\333\165\313\156  
\124\220\165\376\032\237\201\012\302\335\327\367\011\320\133\162  
\025\344\036\011\152\075\063\363\041\232\346\025\176\255\121\325  
\015\020\355\175\102\300\217\356\300\232\010\325\101\326\134\016  
\041\151\156\200\141\016\025\300\270\317\305\111\022\122\314\276  
\072\314\324\056\070\005\336\065\375\037\157\270\200\150\230\075  
\115\240\312\100\145\322\163\174\365\213\331\012\225\077\330\077  
\043\155\032\321\052\044\031\331\205\263\027\357\170\156\251\130  
\321\043\323\307\023\355\162\045\177\135\261\163\160\320\177\006  
\227\011\204\051\200\141\035\372\136\377\163\254\240\343\211\270  
\034\161\025\306\336\061\177\022\334\341\155\233\257\347\350\237  
\165\170\114\253\106\073\232\316\277\005\030\135\115\025\074\026  
\232\031\120\004\232\262\232\157\145\213\122\137\074\130\004\050  
\045\300\146\141\061\176\271\340\165\271\032\250\201\326\162\027  
\263\305\003\061\065\021\170\170\242\340\351\060\214\177\200\337  
\130\337\074\272\047\226\342\200\064\155\343\230\323\144\047\254  
\110\176\050\167\134\306\045\141\045\370\205\014\145\372\304\062  
\057\245\230\005\344\370\013\147\026\026\306\202\270\062\031\371  
\371\271\171\334\037\315\353\257\253\016\335\033\333\105\344\172  
\347\002\342\225\135\374\151\360\123\151\141\225\165\171\013\136  
\125\346\070\034\224\251\131\063\236\310\161\164\171\177\121\211  
\266\310\152\270\060\310\152\070\303\156\236\341\067\026\352\005  
\142\114\133\022\107\355\247\264\263\130\126\307\111\363\177\022  
\150\011\061\161\360\155\370\116\107\373\326\205\356\305\130\100  
\031\244\035\247\371\113\103\067\334\150\132\117\317\353\302\144  
\164\336\264\025\331\364\124\124\032\057\034\327\227\161\124\220  
\216\331\040\235\123\053\177\253\217\342\352\060\274\120\067\357  
\361\107\265\175\174\054\004\354\150\235\264\111\104\020\364\162  
\113\034\144\347\374\346\153\220\335\151\175\151\375\000\126\245  
\267\254\266\255\267\312\076\001\357\234

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "IdenTrust Public Sector Root CA 1"

# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02

# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

```

# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
#
Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G2"
#
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE
CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112
\123\214\050\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\201\276\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006\003
```

\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164  
\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164  
\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060\050  
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054  
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150  
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165\163  
\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\036\027\015\060\071\060\067\060\067\061\067\065\065  
\065\064\132\027\015\063\060\061\062\060\067\061\067\065\065  
\065\064\132\060\201\276\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156  
\164\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006  
\003\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156  
\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055  
\164\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060  
\050\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165  
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\272\204\266\162\333\236\014\153\342\231\351  
\060\001\247\166\352\062\270\225\101\032\311\332\141\116\130\162  
\317\376\366\202\171\277\163\141\006\012\245\047\330\263\137\323  
\105\116\034\162\326\116\062\362\162\212\017\367\203\031\320\152  
\200\200\000\105\036\260\307\347\232\277\022\127\047\034\243\150  
\057\012\207\275\152\153\016\136\145\363\034\167\325\324\205\215  
\160\041\264\263\062\347\213\242\325\206\071\002\261\270\322\107  
\316\344\311\111\304\073\247\336\373\124\175\127\276\360\350\156  
\302\171\262\072\013\125\342\120\230\026\062\023\134\057\170\126  
\301\302\224\263\362\132\344\047\232\237\044\327\306\354\320\233  
\045\202\343\314\302\304\105\305\214\227\172\006\153\052\021\237  
\251\012\156\110\073\157\333\324\021\031\102\367\217\007\277\365  
\123\137\234\076\364\027\054\346\151\254\116\062\114\142\167\352  
\267\350\345\273\064\274\031\213\256\234\121\347\267\176\265\123  
\261\063\042\345\155\317\160\074\032\372\342\233\147\266\203\364  
\215\245\257\142\114\115\340\130\254\144\064\022\003\370\266\215  
\224\143\044\244\161\002\003\001\000\001\243\102\060\100\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\152\162\046\172\320\036  
\357\175\347\073\151\121\324\154\215\237\220\022\146\253\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\171\237\035\226\306\266\171\077\042\215\207\323\207\003



```
\004\140\152\153\232\056\131\211\163\021\254\103\321\365\023\377
\215\071\053\300\362\275\117\160\214\251\057\352\027\304\013\124
\236\324\033\226\230\063\074\250\255\142\242\000\166\253\131\151
\156\006\035\176\304\271\104\215\230\257\022\324\141\333\012\031
\106\107\363\353\367\143\301\100\005\100\245\322\267\364\265\232
\066\277\251\210\166\210\004\125\004\053\234\207\177\032\067\074
\176\055\245\032\330\324\211\136\312\275\254\075\154\330\155\257
\325\363\166\017\315\073\210\070\042\235\154\223\232\304\075\277
\202\033\145\077\246\017\135\252\374\345\262\025\312\265\255\306
\274\075\320\204\350\352\006\162\260\115\071\062\170\277\076\021
\234\013\244\235\232\041\363\360\233\013\060\170\333\301\334\207
\103\376\274\143\232\312\305\302\034\311\307\215\377\073\022\130
\010\346\266\075\354\172\054\116\373\203\226\316\014\074\151\207
\124\163\244\163\302\223\377\121\020\254\025\124\001\330\374\005
\261\211\241\177\164\203\232\111\327\334\116\173\212\110\157\213
\105\366
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number: 1246989352 (0x4a538c28)

# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Jul 07 17:25:54 2009

# Not Valid After : Sat Dec 07 17:55:54

2030

# Fingerprint (SHA-256):

43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39

# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\004\112\123\214\050
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust Root Certification Authority - EC1"

#

# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:a6:8b:79:29:00:00:00:50:d0:91:f9

#

Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Dec 18 15:25:36 2012

# Not Valid After : Fri Dec 18 15:55:36 2037

# Fingerprint (SHA-256):

02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5

# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - EC1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
```

\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060  
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105  
\103\061

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060  
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105  
\103\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\371\060\202\002\200\240\003\002\001\002\002\015\000  
\246\213\171\051\000\000\000\000\120\320\221\371\060\012\006\010  
\052\206\110\316\075\004\003\003\060\201\277\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004  
\012\023\015\105\156\164\162\165\163\164\054\040\111\156\143\056  
\061\050\060\046\006\003\125\004\013\023\037\123\145\145\040\167  
\167\167\056\145\156\164\162\165\163\164\056\156\145\164\057\154  
\145\147\141\154\055\164\145\162\155\163\061\071\060\067\006\003  
\125\004\013\023\060\050\143\051\040\062\060\061\062\040\105\156  
\164\162\165\163\164\054\040\111\156\143\056\040\055\040\146\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\063\060\061\006\003\125\004\003\023\052  
\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\105\103\061\060\036\027\015\063\067\061  
\061\062\061\070\061\065\062\065\063\066\132\027\015\063\067\061  
\062\061\070\061\065\065\065\063\066\132\060\201\277\061\013\060

\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003  
\125\004\012\023\015\105\156\164\162\165\163\164\054\040\111\156  
\143\056\061\050\060\046\006\003\125\004\013\023\037\123\145\145  
\040\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164  
\057\154\145\147\141\154\055\164\145\162\155\163\061\071\060\067  
\006\003\125\004\013\023\060\050\143\051\040\062\060\061\062\040  
\105\156\164\162\165\163\164\054\040\111\156\143\056\040\055\040  
\146\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165  
\163\145\040\157\156\154\171\061\063\060\061\006\003\125\004\003  
\023\052\105\156\164\162\165\163\164\040\122\157\157\164\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\105\103\061\060\166\060\020  
\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042  
\003\142\000\004\204\023\311\320\272\155\101\173\342\154\320\353  
\125\137\146\002\032\044\364\133\211\151\107\343\270\302\175\361  
\362\002\305\237\240\366\133\325\213\006\031\206\117\123\020\155  
\007\044\047\241\240\370\325\107\031\141\114\175\312\223\047\352  
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256  
\311\235\174\125\104\072\242\143\121\037\365\343\142\324\251\107  
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\267\143\347\032\335\215\351\010\246\125\203\244  
\340\152\120\101\145\021\102\111\060\012\006\010\052\206\110\316  
\075\004\003\003\003\147\000\060\144\002\060\141\171\330\345\102  
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321  
\003\210\165\344\215\211\244\212\167\106\336\155\141\357\002\365  
\373\265\337\314\376\116\377\376\251\346\247\002\060\133\231\327  
\205\067\006\265\173\010\375\353\047\213\112\224\371\341\372\247  
\216\046\010\350\174\222\150\155\163\330\157\046\254\041\002\270  
\231\267\046\101\133\045\140\256\320\110\032\356\006

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust Root Certification Authority - EC1"

# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9

#

Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Dec 18 15:25:36 2012

# Not Valid After : Fri Dec 18 15:55:36 2037

# Fingerprint (SHA-256):

02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5

# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - EC1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212  
\353\024\265\107

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\266\176\035\360\130\305\111\154\044\073\075\355\230\030\355\274

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060  
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105  
\103\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED

CK\_BBOOL CK\_FALSE

#

# Certificate "CFCA EV ROOT"

#

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184accd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

# Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "CFCA EV ROOT"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040  
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101  
\040\105\126\040\122\117\117\124  
END

CKA\_ID  
UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040  
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101  
\040\105\126\040\122\117\117\124  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\004\030\112\314\326  
END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\215\060\202\003\165\240\003\002\001\002\002\004\030  
\112\314\326\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\103  
\116\061\060\060\056\006\003\125\004\012\014\047\103\150\151\156  
\141\040\106\151\156\141\156\143\151\141\154\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\103\106  
\103\101\040\105\126\040\122\117\117\124\060\036\027\015\061\062  
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061  
\062\063\061\060\063\060\067\060\061\132\060\126\061\013\060\011  
\006\003\125\004\006\023\002\103\116\061\060\060\056\006\003\125  
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\156\143  
\151\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\025\060\023\006  
\003\125\004\003\014\014\103\106\103\101\040\105\126\040\122\117  
\117\124\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\135\153\315\020\077\037\005\131\325\005\115\067  
\261\016\354\230\053\216\025\035\372\223\113\027\202\041\161\020

\122\327\121\144\160\026\302\125\151\115\216\025\155\237\277\014  
\033\302\340\243\147\326\014\254\317\042\256\257\167\124\052\113  
\114\212\123\122\172\303\356\056\336\263\161\045\301\351\135\075  
\356\241\057\243\367\052\074\311\043\035\152\253\035\241\247\361  
\363\354\240\325\104\317\025\317\162\057\035\143\227\350\231\371  
\375\223\244\124\200\114\122\324\122\253\056\111\337\220\315\270  
\137\276\077\336\241\312\115\040\324\045\350\204\051\123\267\261  
\210\037\377\372\332\220\237\012\251\055\101\077\261\361\030\051  
\356\026\131\054\064\111\032\250\006\327\250\210\322\003\162\172  
\062\342\352\150\115\156\054\226\145\173\312\131\372\362\342\335  
\356\060\054\373\314\106\254\304\143\353\157\177\066\053\064\163  
\022\224\177\337\314\046\236\361\162\135\120\145\131\217\151\263  
\207\136\062\157\303\030\212\265\225\217\260\172\067\336\132\105  
\073\307\066\341\357\147\321\071\323\227\133\163\142\031\110\055  
\207\034\006\373\164\230\040\111\163\360\005\322\033\261\240\243  
\267\033\160\323\210\151\271\132\326\070\364\142\334\045\213\170  
\277\370\350\176\270\134\311\225\117\137\247\055\271\040\153\317  
\153\335\365\015\364\202\267\364\262\146\056\020\050\366\227\132  
\173\226\026\217\001\031\055\154\156\177\071\130\006\144\203\001  
\203\203\303\115\222\335\062\306\207\244\067\351\026\316\252\055  
\150\257\012\201\145\072\160\301\233\255\115\155\124\312\052\055  
\113\205\033\263\200\346\160\105\015\153\136\065\360\177\073\270  
\234\344\004\160\211\022\045\223\332\012\231\042\140\152\143\140  
\116\166\006\230\116\275\203\255\035\130\212\045\205\322\307\145  
\036\055\216\306\337\266\306\341\177\212\004\041\025\051\164\360  
\076\234\220\235\014\056\361\212\076\132\252\014\011\036\307\325  
\074\243\355\227\303\036\064\372\070\371\010\016\343\300\135\053  
\203\321\126\152\311\266\250\124\123\056\170\062\147\075\202\177  
\164\320\373\341\266\005\140\271\160\333\216\013\371\023\130\157  
\161\140\020\122\020\271\301\101\011\357\162\037\147\061\170\377  
\226\005\215\002\003\001\000\001\243\143\060\141\060\037\006\003  
\125\035\043\004\030\060\026\200\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\045\306\272\153\353\207\313\336\202\071\226\075\360\104\247  
\153\204\163\003\336\235\053\117\272\040\177\274\170\262\317\227  
\260\033\234\363\327\171\056\365\110\266\322\373\027\210\346\323  
\172\077\355\123\023\320\342\057\152\171\313\000\043\050\346\036  
\067\127\065\211\204\302\166\117\064\066\255\147\303\316\101\006  
\210\305\367\356\330\032\270\326\013\177\120\377\223\252\027\113  
\214\354\355\122\140\262\244\006\352\116\353\364\153\031\375\353  
\365\032\340\045\052\232\334\307\101\066\367\310\164\005\204\071  
\225\071\326\013\073\244\047\372\010\330\134\036\370\004\140\122  
\021\050\050\003\377\357\123\146\000\245\112\064\026\146\174\375

\011\244\256\236\147\032\157\101\013\153\006\023\233\217\206\161  
\005\264\057\215\211\146\063\051\166\124\232\021\370\047\372\262  
\077\221\340\316\015\033\363\060\032\255\277\042\135\033\323\277  
\045\005\115\341\222\032\177\231\237\074\104\223\312\324\100\111  
\154\200\207\327\004\072\303\062\122\065\016\126\370\245\335\175  
\304\213\015\021\037\123\313\036\262\027\266\150\167\132\340\324  
\313\310\007\256\365\072\056\216\067\267\320\001\113\103\051\167  
\214\071\227\217\202\132\370\121\345\211\240\030\347\150\177\135  
\012\056\373\243\107\016\075\246\043\172\306\001\307\217\310\136  
\277\155\200\126\276\212\044\272\063\352\237\341\062\021\236\361  
\322\117\200\366\033\100\257\070\236\021\120\171\163\022\022\315  
\346\154\235\054\210\162\074\060\201\006\221\042\352\131\255\332  
\031\056\042\302\215\271\214\207\340\146\274\163\043\137\041\144  
\143\200\110\365\240\074\030\075\224\310\110\101\035\100\272\136  
\376\376\126\071\241\310\317\136\236\031\144\106\020\332\027\221  
\267\005\200\254\213\231\222\175\347\242\330\007\013\066\047\347  
\110\171\140\212\303\327\023\134\370\162\100\337\112\313\317\231  
\000\012\000\013\021\225\332\126\105\003\210\012\237\147\320\325  
\171\261\250\215\100\155\015\302\172\100\372\363\137\144\107\222  
\313\123\271\273\131\316\117\375\320\025\123\001\330\337\353\331  
\346\166\357\320\043\273\073\251\171\263\325\002\051\315\211\243  
\226\017\112\065\347\116\102\300\165\315\007\317\346\054\353\173  
\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "CFCA EV ROOT"

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184accd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

# Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

#

Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "CFCA EV ROOT"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\342\270\051\113\125\204\253\153\130\302\220\106\154\254\077\270  
\071\217\204\203

END



```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\164\341\266\355\046\172\172\104\060\063\224\253\173\047\201\060
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GB CA"
#
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_ID

```

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366  
\302\300

END

CKA\_VALUE

MULTILINE\_OCTAL

\060\202\003\265\060\202\002\235\240\003\002\001\002\002\020\166  
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\155  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060  
\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027  
\015\061\064\061\062\060\061\061\065\060\060\063\062\132\027\015  
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061  
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016  
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042  
\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106  
\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163  
\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123  
\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141  
\154\040\122\157\157\164\040\107\102\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\330\027\267  
\034\112\044\052\326\227\261\312\342\036\373\175\070\357\230\365  
\262\071\230\116\047\270\021\135\173\322\045\224\210\202\025\046  
\152\033\061\273\250\133\041\041\053\330\017\116\237\132\361\261  
\132\344\171\326\062\043\053\341\123\314\231\105\134\173\117\255  
\274\277\207\112\013\113\227\132\250\366\110\354\175\173\015\315  
\041\006\337\236\025\375\101\212\110\267\040\364\241\172\033\127  
\324\135\120\377\272\147\330\043\231\037\310\077\343\336\377\157  
\133\167\261\153\156\270\311\144\367\341\312\101\106\016\051\161  
\320\271\043\374\311\201\137\116\367\157\337\277\204\255\163\144  
\273\267\102\216\151\366\324\166\035\176\235\247\270\127\212\121  
\147\162\327\324\250\270\225\124\100\163\003\366\352\364\353\376

\050\102\167\077\235\043\033\262\266\075\200\024\007\114\056\117  
\367\325\012\026\015\275\146\103\067\176\043\103\171\303\100\206  
\365\114\051\332\216\232\255\015\245\004\207\210\036\205\343\351  
\123\325\233\310\213\003\143\170\353\340\031\112\156\273\057\153  
\063\144\130\223\255\151\277\217\033\357\202\110\307\002\003\001  
\000\001\243\121\060\117\060\013\006\003\125\035\017\004\004\003  
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\065  
\017\310\066\143\136\342\243\354\371\073\146\025\316\121\122\343  
\221\232\075\060\020\006\011\053\006\001\004\001\202\067\025\001  
\004\003\002\001\000\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\100\114\373\207\262\231\201  
\220\176\235\305\260\260\046\315\210\173\053\062\215\156\270\041  
\161\130\227\175\256\067\024\257\076\347\367\232\342\175\366\161  
\230\231\004\252\103\164\170\243\343\111\141\076\163\214\115\224  
\340\371\161\304\266\026\016\123\170\037\326\242\207\057\002\071  
\201\051\074\257\025\230\041\060\376\050\220\000\214\321\341\313  
\372\136\310\375\370\020\106\073\242\170\102\221\027\164\125\012  
\336\120\147\115\146\321\247\377\375\331\300\265\250\243\212\316  
\146\365\017\103\315\247\053\127\173\143\106\152\252\056\122\330  
\364\355\341\155\255\051\220\170\110\272\341\043\252\243\211\354  
\265\253\226\300\264\113\242\035\227\236\172\362\156\100\161\337  
\150\361\145\115\316\174\005\337\123\145\251\245\360\261\227\004  
\160\025\106\003\230\324\322\277\124\264\240\130\175\122\157\332  
\126\046\142\324\330\333\211\061\157\034\360\042\302\323\142\034  
\065\315\114\151\025\124\032\220\230\336\353\036\137\312\167\307  
\313\216\075\103\151\234\232\130\320\044\073\337\033\100\226\176  
\065\255\201\307\116\161\272\210\023

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GB CA"

# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0

# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Mon Dec 01 15:00:32 2014

# Not Valid After : Thu Dec 01 15:10:31 2039

# Fingerprint (SHA-256):

6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6

# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "OISTE WISEKey Global Root GB CA"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
END
CKA_CERT_MD5_HASH
MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SZAFIR ROOT CA2"
#
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa
S.A.,C=PL
# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Not Valid Before: Mon Oct 19 07:43:30 2015
# Not Valid After : Fri Oct 19 07:43:30 2035
# Fingerprint (SHA-256):
A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE
# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156

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\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\162\060\202\002\132\240\003\002\001\002\002\024\076
\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\121\061\013\060\011\006\003\125\004\006\023\002\120
\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152
\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172
\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006
\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117
\124\040\103\101\062\060\036\027\015\061\065\061\060\061\071\060
\067\064\063\063\060\132\027\015\063\065\061\060\061\071\060\067
\064\063\063\060\132\060\121\061\013\060\011\006\003\125\004\006
\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113
\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154
\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030
\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040
\122\117\117\124\040\103\101\062\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\267\274\076\120\250\113\315
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205
\014\326\130\343\347\364\052\030\235\332\321\256\046\356\353\123
\334\364\220\326\023\112\014\220\074\303\364\332\322\216\015\222
\072\334\261\261\377\070\336\303\272\055\137\200\271\002\275\112
\235\033\017\264\303\302\301\147\003\335\334\033\234\075\263\260
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332
\015\040\277\372\133\313\251\026\040\255\071\140\356\057\165\266
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372
\335\361\075\156\040\245\240\022\264\115\160\271\316\327\162\073
\211\223\247\200\204\034\047\111\162\111\265\377\073\225\236\301
```

\314\310\001\354\350\016\212\012\226\347\263\246\207\345\326\371  
\005\053\015\227\100\160\074\272\254\165\132\234\325\115\235\002  
\012\322\113\233\146\113\106\007\027\145\255\237\154\210\000\334  
\042\211\340\341\144\324\147\274\061\171\141\074\273\312\101\315  
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\056\026  
\251\112\030\265\313\314\365\157\120\363\043\137\370\135\347\254  
\360\310\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\003\202\001\001\000\265\163\370\003\334\131\133\035\166\351  
\243\052\173\220\050\262\115\300\063\117\252\232\261\324\270\344  
\047\377\251\226\231\316\106\340\155\174\114\242\070\244\006\160  
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157  
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162  
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206  
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314  
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203  
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217  
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120  
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353  
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262  
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076  
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227  
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240  
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212  
\326\040\036\343\163\267

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SZAFIR ROOT CA2"

# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Not Valid Before: Mon Oct 19 07:43:30 2015

# Not Valid After : Fri Oct 19 07:43:30 2035

# Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

```

UTF8 "SZAFIR ROOT CA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317
\136\263\077\336
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted
# Network CA 2"
#
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
# S.A.,C=PL
# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
# S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
# B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04
# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145

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\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
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\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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CKA\_VALUE

MULTILINE\_OCTAL

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\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164\157  
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\070\233\321\373\061\177\217\340\137\341\261\077\017\216\026\111  
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\356\051\046\310\153\002\346\265\142\105\177\067\025\132\043\150  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certum Trusted Network CA 2"

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Not Valid Before: Thu Oct 06 08:39:56 2011

# Not Valid After : Sat Oct 06 08:39:56 2046

# Fingerprint (SHA-256):

B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04

# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE

CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Trusted Network CA 2"

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CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL
CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

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CKA\_SUBJECT MULTILINE\_OCTAL

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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

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END

CKA\_VALUE MULTILINE\_OCTAL

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\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\161\025\147\310\310\311\275\165\135  
\162\320\070\030\152\235\363\161\044\124\013\060\015\006\011\052

\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\165  
\273\155\124\113\252\020\130\106\064\362\142\327\026\066\135\010  
\136\325\154\310\207\275\264\056\106\362\061\370\174\352\102\265  
\223\026\125\334\241\014\022\240\332\141\176\017\130\130\163\144  
\162\307\350\105\216\334\251\362\046\077\306\171\214\261\123\010  
\063\201\260\126\023\276\346\121\134\330\233\012\117\113\234\126  
\123\002\351\117\366\015\140\352\115\102\125\350\174\033\041\041  
\323\033\072\314\167\362\270\220\361\150\307\371\132\376\372\055  
\364\277\311\365\105\033\316\070\020\052\067\212\171\243\264\343  
\011\154\205\206\223\377\211\226\047\170\201\217\147\343\106\164  
\124\216\331\015\151\342\112\364\115\164\003\377\262\167\355\225  
\147\227\344\261\305\253\277\152\043\350\324\224\342\104\050\142  
\304\113\342\360\330\342\051\153\032\160\176\044\141\223\173\117  
\003\062\045\015\105\044\053\226\264\106\152\277\112\013\367\232  
\217\301\254\032\305\147\363\157\064\322\372\163\143\214\357\026  
\260\250\244\106\052\370\353\022\354\162\264\357\370\053\176\214  
\122\300\213\204\124\371\057\076\343\125\250\334\146\261\331\341  
\137\330\263\214\131\064\131\244\253\117\154\273\037\030\333\165  
\253\330\313\222\315\224\070\141\016\007\006\037\113\106\020\361  
\025\276\215\205\134\073\112\053\201\171\017\264\151\237\111\120  
\227\115\367\016\126\135\300\225\152\302\066\303\033\150\311\365  
\052\334\107\232\276\262\316\305\045\350\372\003\271\332\371\026  
\156\221\204\365\034\050\310\374\046\314\327\034\220\126\247\137  
\157\072\004\274\315\170\211\013\216\017\057\243\252\117\242\033  
\022\075\026\010\100\017\361\106\114\327\252\173\010\301\012\365  
\155\047\336\002\217\312\303\265\053\312\351\353\310\041\123\070  
\245\314\073\330\167\067\060\242\117\331\157\321\362\100\255\101  
\172\027\305\326\112\065\211\267\101\325\174\206\177\125\115\203  
\112\245\163\040\300\072\257\220\361\232\044\216\331\216\161\312  
\173\270\206\332\262\217\231\076\035\023\015\022\021\356\324\253  
\360\351\025\166\002\344\340\337\252\040\036\133\141\205\144\100  
\251\220\227\015\255\123\322\132\035\207\152\000\227\145\142\264  
\276\157\152\247\365\054\102\355\062\255\266\041\236\276\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:11:21 2015

# Not Valid After : Sat Jun 30 10:11:21 2040

# Fingerprint (SHA-256):

```
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research
Institutions RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352
\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):
```

44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33  
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL  
CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065  
END  
CKA\_SERIAL\_NUMBER  
MULTILINE\_OCTAL  
\002\001\000  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\303\060\202\002\112\240\003\002\001\002\002\001\000  
\060\012\006\010\052\206\110\316\075\004\003\002\060\201\252\061  
\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015  
\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060  
\102\006\003\125\004\012\023\073\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151



\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162  
\151\164\171\061\104\060\102\006\003\125\004\003\023\073\110\145  
\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040  
\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163  
\164\151\164\165\164\151\157\156\163\040\105\103\103\040\122\157  
\157\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060  
\067\060\067\061\060\063\067\061\062\132\027\015\064\060\060\066  
\063\060\061\060\063\067\061\062\132\060\201\252\061\013\060\011  
\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125  
\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003  
\125\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171  
\061\104\060\102\006\003\125\004\003\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\105\103\103\040\122\157\157\164\103  
\101\040\062\060\061\065\060\166\060\020\006\007\052\206\110\316  
\075\002\001\006\005\053\201\004\000\042\003\142\000\004\222\240  
\101\350\113\202\204\134\342\370\061\021\231\206\144\116\011\045  
\057\235\101\057\012\256\065\117\164\225\262\121\144\153\215\153  
\346\077\160\225\360\005\104\107\246\162\070\120\166\225\002\132  
\216\256\050\236\371\055\116\231\357\054\110\157\114\045\051\350  
\321\161\133\337\035\301\165\067\264\327\372\173\172\102\234\152  
\012\126\132\174\151\013\252\200\011\044\154\176\301\106\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\264\042  
\013\202\231\044\001\016\234\273\344\016\375\277\373\227\040\223  
\231\052\060\012\006\010\052\206\110\316\075\004\003\002\003\147  
\000\060\144\002\060\147\316\026\142\070\242\254\142\105\247\251  
\225\044\300\032\047\234\062\073\300\300\325\272\251\347\370\004  
\103\123\205\356\122\041\336\235\365\045\203\076\236\130\113\057  
\327\147\023\016\041\002\060\005\341\165\001\336\150\355\052\037  
\115\114\011\010\015\354\113\255\144\027\050\347\165\316\105\145  
\162\041\027\313\042\101\016\214\023\230\070\232\124\155\233\312  
\342\174\352\002\130\042\221

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

#

```
Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):
44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150
\013\272\266\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X1"
#
# Issuer: CN=ISRG Root X1,O=Internet Security
Research Group,C=US
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
```

```
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\021\000
\202\020\317\260\322\100\343\131\104\143\340\273\143\202\213\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061\051
\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156\145
\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145\141
\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003\125
\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130\061
\060\036\027\015\061\065\060\066\060\064\061\061\060\064\063\070
\132\027\015\063\065\060\066\060\064\061\061\060\064\063\070\132
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
```

\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003  
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130  
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\255\350\044\163\364\024\067\363\233\236\053\127\050\034  
\207\276\334\267\337\070\220\214\156\074\346\127\240\170\367\165  
\302\242\376\365\152\156\366\000\117\050\333\336\150\206\154\104  
\223\266\261\143\375\024\022\153\277\037\322\352\061\233\041\176  
\321\063\074\272\110\365\335\171\337\263\270\377\022\361\041\232  
\113\301\212\206\161\151\112\146\146\154\217\176\074\160\277\255  
\051\042\006\363\344\300\346\200\256\342\113\217\267\231\176\224  
\003\237\323\107\227\174\231\110\043\123\350\070\256\117\012\157  
\203\056\321\111\127\214\200\164\266\332\057\320\070\215\173\003  
\160\041\033\165\362\060\074\372\217\256\335\332\143\253\353\026  
\117\302\216\021\113\176\317\013\350\377\265\167\056\364\262\173  
\112\340\114\022\045\014\160\215\003\051\240\341\123\044\354\023  
\331\356\031\277\020\263\112\214\077\211\243\141\121\336\254\207  
\007\224\364\143\161\354\056\342\157\133\230\201\341\211\134\064  
\171\154\166\357\073\220\142\171\346\333\244\232\057\046\305\320  
\020\341\016\336\331\020\216\026\373\267\367\250\367\307\345\002  
\007\230\217\066\010\225\347\342\067\226\015\066\165\236\373\016  
\162\261\035\233\274\003\371\111\005\330\201\335\005\264\052\326  
\101\351\254\001\166\225\012\017\330\337\325\275\022\037\065\057  
\050\027\154\322\230\301\250\011\144\167\156\107\067\272\316\254  
\131\136\150\235\177\162\326\211\305\006\101\051\076\131\076\335  
\046\365\044\311\021\247\132\243\114\100\037\106\241\231\265\247  
\072\121\156\206\073\236\175\162\247\022\005\170\131\355\076\121  
\170\025\013\003\217\215\320\057\005\262\076\173\112\034\113\163  
\005\022\374\306\352\340\120\023\174\103\223\164\263\312\164\347  
\216\037\001\010\320\060\324\133\161\066\264\007\272\301\060\060  
\134\110\267\202\073\230\246\175\140\212\242\243\051\202\314\272  
\275\203\004\033\242\203\003\101\241\326\005\361\033\302\266\360  
\250\174\206\073\106\250\110\052\210\334\166\232\166\277\037\152  
\245\075\031\217\353\070\363\144\336\310\053\015\012\050\377\367  
\333\342\025\102\324\042\320\047\135\341\171\376\030\347\160\210  
\255\116\346\331\213\072\306\335\047\121\156\377\274\144\365\063  
\103\117\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\171\264\131\346\173\266\345\344\001  
\163\200\010\210\310\032\130\366\351\233\156\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\125  
\037\130\251\274\262\250\120\320\014\261\330\032\151\040\047\051  
\010\254\141\165\134\212\156\370\202\345\151\057\325\366\126\113  
\271\270\163\020\131\323\041\227\176\347\114\161\373\262\322\140  
\255\071\250\013\352\027\041\126\205\361\120\016\131\353\316\340  
\131\351\272\311\025\357\206\235\217\204\200\366\344\351\221\220  
\334\027\233\142\033\105\360\146\225\322\174\157\302\352\073\357

\037\317\313\326\256\047\361\251\260\310\256\375\175\176\232\372  
\042\004\353\377\331\177\352\221\053\042\261\027\016\217\362\212  
\064\133\130\330\374\001\311\124\271\270\046\314\212\210\063\211  
\114\055\204\074\202\337\356\226\127\005\272\054\273\367\304\267  
\307\116\073\202\276\061\310\042\163\163\222\321\302\200\244\071  
\071\020\063\043\202\114\074\237\206\262\125\230\035\276\051\206  
\214\042\233\236\342\153\073\127\072\202\160\115\334\011\307\211  
\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053  
\116\105\326\112\320\046\314\345\162\312\010\152\245\225\343\025  
\241\367\244\355\311\054\137\245\373\377\254\050\002\056\276\327  
\173\273\343\161\173\220\026\323\007\136\106\123\174\067\007\102  
\214\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114  
\071\007\316\314\107\244\122\225\053\272\270\373\255\322\063\123  
\175\345\035\115\155\325\241\261\307\102\157\346\100\047\065\134  
\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171  
\154\106\325\264\025\263\226\156\176\233\014\226\072\270\122\055  
\077\326\133\341\373\010\302\204\376\044\250\243\211\332\254\152  
\341\030\052\261\250\103\141\133\323\037\334\073\215\166\362\055  
\350\215\165\337\027\063\154\075\123\373\173\313\101\137\377\334  
\242\320\141\070\341\226\270\254\135\213\067\327\165\325\063\300  
\231\021\256\235\101\301\162\165\204\276\002\101\102\137\147\044  
\110\224\321\233\047\276\007\077\271\270\117\201\164\121\341\172  
\267\355\235\043\342\276\340\325\050\004\023\074\061\003\236\335  
\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006  
\317\245\124\064\167\275\354\211\233\351\027\103\337\133\333\137  
\376\216\036\127\242\315\100\235\176\142\042\332\336\030\047

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ISRG Root X1"

# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00

# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Not Valid Before: Thu Jun 04 11:04:38 2015

# Not Valid After : Mon Jun 04 11:04:38 2035

# Fingerprint (SHA-256):

96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6

# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8

"ISRG Root X1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```

\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235
\103\051\245\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM"
#
# Issuer: OU=AC RAIZ
FNMT-RCM,O=FNMT-RCM,C=ES
# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid Before: Wed Oct 29 15:59:56 2008
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA
# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061  
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122  
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040  
\122\101\111\132\040\106\116\115\124\055\122\103\115

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151  
\007

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\017\135  
\223\215\060\147\066\310\006\035\032\307\124\204\151\007\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\060\073\061  
\013\060\011\006\003\125\004\006\023\002\105\123\061\021\060\017  
\006\003\125\004\012\014\010\106\116\115\124\055\122\103\115\061  
\031\060\027\006\003\125\004\013\014\020\101\103\040\122\101\111  
\132\040\106\116\115\124\055\122\103\115\060\036\027\015\060\070  
\061\060\062\071\061\065\065\071\065\066\132\027\015\063\060\060  
\061\060\061\060\060\060\060\060\060\132\060\073\061\013\060\011  
\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003\125  
\004\012\014\010\106\116\115\124\055\122\103\115\061\031\060\027  
\006\003\125\004\013\014\020\101\103\040\122\101\111\132\040\106  
\116\115\124\055\122\103\115\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\272\161\200\172\114\206\156\177  
\310\023\155\300\306\175\034\000\227\217\054\014\043\273\020\232  
\100\251\032\267\207\210\370\233\126\152\373\346\173\216\213\222  
\216\247\045\135\131\021\333\066\056\267\121\027\037\251\010\037  
\004\027\044\130\252\067\112\030\337\345\071\324\127\375\327\301  
\054\221\001\221\342\042\324\003\300\130\374\167\107\354\217\076  
\164\103\272\254\064\215\115\070\166\147\216\260\310\157\060\063  
\130\161\134\264\365\153\156\324\001\120\270\023\176\154\112\243  
\111\321\040\031\356\274\300\051\030\145\247\336\376\357\335\012  
\220\041\347\032\147\222\102\020\230\137\117\060\274\076\034\105  
\264\020\327\150\100\024\300\100\372\347\167\027\172\346\013\217  
\145\133\074\331\232\122\333\265\275\236\106\317\075\353\221\005  
\002\300\226\262\166\114\115\020\226\073\222\372\234\177\017\231  
\337\276\043\065\105\036\002\134\376\265\250\233\231\045\332\136  
\363\042\303\071\365\344\052\056\323\306\037\304\154\252\305\034  
\152\001\005\112\057\322\305\301\250\064\046\135\146\245\322\002  
\041\371\030\267\006\365\116\231\157\250\253\114\121\350\317\120  
\030\305\167\310\071\011\054\111\222\062\231\250\273\027\027\171  
\260\132\305\346\243\304\131\145\107\065\203\136\251\350\065\013  
\231\273\344\315\040\306\233\112\006\071\265\150\374\042\272\356  
\125\214\053\116\352\363\261\343\374\266\231\232\325\102\372\161  
\115\010\317\207\036\152\161\175\371\323\264\351\245\161\201\173

\302\116\107\226\245\366\166\205\243\050\217\351\200\156\201\123  
\245\155\137\270\110\371\302\371\066\246\056\111\377\270\226\302  
\214\007\263\233\210\130\374\353\033\034\336\055\160\342\227\222  
\060\241\211\343\274\125\250\047\326\113\355\220\255\213\372\143  
\045\131\055\250\065\335\312\227\063\274\345\315\307\235\321\354  
\357\136\016\112\220\006\046\143\255\271\331\065\055\007\272\166  
\145\054\254\127\217\175\364\007\224\327\201\002\226\135\243\007  
\111\325\172\320\127\371\033\347\123\106\165\252\260\171\102\313  
\150\161\010\351\140\275\071\151\316\364\257\303\126\100\307\255  
\122\242\011\344\157\206\107\212\037\353\050\047\135\203\040\257  
\004\311\154\126\232\213\106\365\002\003\001\000\001\243\201\203  
\060\201\200\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\367  
\175\305\375\304\350\232\033\167\144\247\365\035\240\314\277\207  
\140\232\155\060\076\006\003\125\035\040\004\067\060\065\060\063  
\006\004\125\035\040\000\060\053\060\051\006\010\053\006\001\005  
\005\007\002\001\026\035\150\164\164\160\072\057\057\167\167\167  
\056\143\145\162\164\056\146\156\155\164\056\145\163\057\144\160  
\143\163\057\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\007\220\112\337\363\043\116\360\303  
\234\121\145\233\234\042\242\212\014\205\363\163\051\153\115\376  
\001\342\251\014\143\001\277\004\147\245\235\230\137\375\001\023  
\372\354\232\142\351\206\376\266\142\322\156\114\224\373\300\165  
\105\174\145\014\370\262\067\317\254\017\317\215\157\371\031\367  
\217\354\036\362\160\236\360\312\270\357\267\377\166\067\166\133  
\366\156\210\363\257\142\062\042\223\015\072\152\216\024\146\014  
\055\123\164\127\145\036\325\262\335\043\201\073\245\146\043\047  
\147\011\217\341\167\252\103\315\145\121\010\355\121\130\376\346  
\071\371\313\107\204\244\025\361\166\273\244\356\244\073\304\137  
\357\262\063\226\021\030\267\311\145\276\030\341\243\244\334\372  
\030\371\323\274\023\233\071\172\064\272\323\101\373\372\062\212  
\052\267\053\206\013\151\203\070\276\315\212\056\013\160\255\215  
\046\222\356\036\365\001\053\012\331\326\227\233\156\340\250\031  
\034\072\041\213\014\036\100\255\003\347\335\146\176\365\271\040  
\015\003\350\226\371\202\105\324\071\340\240\000\135\327\230\346  
\175\236\147\163\303\232\052\367\253\213\241\072\024\357\064\274  
\122\016\211\230\232\004\100\204\035\176\105\151\223\127\316\353  
\316\370\120\174\117\034\156\004\103\233\371\326\073\043\030\351  
\352\216\321\115\106\215\361\073\344\152\312\272\373\043\267\233  
\372\231\001\051\132\130\132\055\343\371\324\155\016\046\255\301  
\156\064\274\062\370\014\005\372\145\243\333\073\067\203\042\351  
\326\334\162\063\375\135\362\040\275\166\074\043\332\050\367\371  
\033\353\131\144\325\334\137\162\176\040\374\315\211\265\220\147  
\115\142\172\077\116\255\035\303\071\376\172\364\050\026\337\101  
\366\110\200\005\327\017\121\171\254\020\253\324\354\003\146\346  
\152\260\272\061\222\102\100\152\276\072\323\162\341\152\067\125  
\274\254\035\225\267\151\141\362\103\221\164\346\240\323\012\044



```
\106\241\010\257\326\332\105\031\226\324\123\035\133\204\171\360
\300\367\107\357\213\217\305\006\256\235\114\142\235\377\106\004
\370\323\311\266\020\045\100\165\376\026\252\311\112\140\206\057
\272\357\060\167\344\124\342\270\204\231\130\200\252\023\213\121
\072\117\110\366\213\266\263
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AC RAIZ FNMT-RCM"

# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07

# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Not Valid Before: Wed Oct 29 15:59:56 2008

# Not Valid After : Tue Jan 01 00:00:00 2030

# Fingerprint (SHA-256):

EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA

# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AC RAIZ FNMT-RCM"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231
\054\114\054\040
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
\007
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```
#
# Certificate "Amazon Root CA 1"
#
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sun Jan 17 00:00:00
2038
# Fingerprint (SHA-256):
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\101\060\202\002\051\240\003\002\001\002\002\023\006
\154\237\317\231\277\214\012\071\342\360\170\212\103\346\226\066
\133\312\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172
\157\156\040\122\157\157\164\040\103\101\040\061\060\036\027\015
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\063
\070\060\061\061\067\060\060\060\060\060\060\132\060\071\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027
```

\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\061\060\202\001\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060  
\202\001\012\002\202\001\001\000\262\170\200\161\312\170\325\343  
\161\257\107\200\120\164\175\156\330\327\210\166\364\231\150\367  
\130\041\140\371\164\204\001\057\254\002\055\206\323\240\103\172  
\116\262\244\320\066\272\001\276\215\333\110\310\007\027\066\114  
\364\356\210\043\307\076\353\067\365\265\031\370\111\150\260\336  
\327\271\166\070\035\141\236\244\376\202\066\245\345\112\126\344  
\105\341\371\375\264\026\372\164\332\234\233\065\071\057\372\260  
\040\120\006\154\172\320\200\262\246\371\257\354\107\031\217\120  
\070\007\334\242\207\071\130\370\272\325\251\371\110\147\060\226  
\356\224\170\136\157\211\243\121\300\060\206\146\241\105\146\272  
\124\353\243\303\221\371\110\334\377\321\350\060\055\175\055\164  
\160\065\327\210\044\367\236\304\131\156\273\163\207\027\362\062  
\106\050\270\103\372\267\035\252\312\264\362\237\044\016\055\113  
\367\161\134\136\151\377\352\225\002\313\070\212\256\120\070\157  
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\017\234  
\207\043\326\077\100\040\177\040\200\304\200\114\076\073\044\046  
\216\004\256\154\232\310\252\015\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\204\030\314  
\205\064\354\274\014\224\224\056\010\131\234\307\262\020\116\012  
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\001\001\000\230\362\067\132\101\220\241\032\305\166\121  
\050\040\066\043\016\256\346\050\273\252\370\224\256\110\244\060  
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310  
\123\223\314\010\050\343\230\045\317\043\244\371\336\041\323\174  
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\107\030  
\145\154\215\101\216\073\177\232\313\364\265\247\120\327\005\054  
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\355  
\133\267\334\372\224\134\167\236\023\245\177\122\255\225\362\370  
\223\073\336\213\134\133\312\132\122\133\140\257\024\367\113\357  
\243\373\237\100\225\155\061\124\374\102\323\307\106\037\043\255  
\331\017\110\160\232\331\165\170\161\321\162\103\064\165\156\127  
\131\302\002\134\046\140\051\317\043\031\026\216\210\103\245\324  
\344\313\010\373\043\021\103\350\103\051\162\142\241\251\135\136  
\010\324\220\256\270\330\316\024\302\320\125\362\206\366\304\223  
\103\167\146\141\300\271\350\101\327\227\170\140\003\156\112\162  
\256\245\321\175\272\020\236\206\154\033\212\271\131\063\370\353  
\304\220\276\361\271

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "Amazon Root CA 1"
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sun Jan 17 00:00:00 2038
# Fingerprint (SHA-256):
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
#
Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\306\277\256\354\376\255\057\030\306\210\150\060\374\310\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 2"
#
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

```

# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
```

```
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\005\101\060\202\003\051\240\003\002\001\002\002\023\006
\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273
\212\067\060\015\006\011\052\206\110\206\367\015\001\001\014\005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172
\157\156\040\122\157\157\164\040\103\101\040\062\060\036\027\015
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\064
\060\060\065\062\066\060\060\060\060\060\132\060\071\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157
\157\164\040\103\101\040\062\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\255\226\237\055\234\112\114\112
\201\171\121\231\354\212\313\153\140\121\023\274\115\155\006\374
\260\010\215\335\031\020\152\307\046\014\065\330\300\157\040\204
\351\224\261\233\205\003\303\133\333\112\350\310\370\220\166\331
\133\117\343\114\350\006\066\115\314\232\254\075\014\220\053\222
\324\006\031\140\254\067\104\171\205\201\202\255\132\067\340\015
\314\235\246\114\122\166\352\103\235\267\004\321\120\366\125\340
\325\322\246\111\205\351\067\351\312\176\256\134\225\115\110\232
```

\077\256\040\132\155\210\225\331\064\270\122\032\103\220\260\277  
\154\005\271\266\170\267\352\320\344\072\074\022\123\142\377\112  
\362\173\276\065\005\251\022\064\343\363\144\164\142\054\075\000  
\111\132\050\376\062\104\273\207\335\145\047\002\161\073\332\112  
\367\037\332\315\367\041\125\220\117\017\354\256\202\341\237\153  
\331\105\323\273\360\137\207\355\074\054\071\206\332\077\336\354  
\162\125\353\171\243\255\333\335\174\260\272\034\316\374\336\117  
\065\166\317\017\370\170\037\152\066\121\106\047\141\133\351\236  
\317\360\242\125\175\174\045\212\157\057\264\305\317\204\056\053  
\375\015\121\020\154\373\137\033\274\033\176\305\256\073\230\001  
\061\222\377\013\127\364\232\262\271\127\351\253\357\015\166\321  
\360\356\364\316\206\247\340\156\351\264\151\241\337\151\366\063  
\306\151\056\227\023\236\245\207\260\127\020\201\067\311\123\263  
\273\177\366\222\321\234\320\030\364\222\156\332\203\117\246\143  
\231\114\245\373\136\357\041\144\172\040\137\154\144\205\025\313  
\067\351\142\014\013\052\026\334\001\056\062\332\076\113\365\236  
\072\366\027\100\224\357\236\221\010\206\372\276\143\250\132\063  
\354\313\164\103\225\371\154\151\122\066\307\051\157\374\125\003  
\134\037\373\237\275\107\353\347\111\107\225\013\116\211\042\011  
\111\340\365\141\036\361\277\056\212\162\156\200\131\377\127\072  
\371\165\062\243\116\137\354\355\050\142\331\115\163\362\314\201  
\027\140\355\315\353\334\333\247\312\305\176\002\275\362\124\010  
\124\375\264\055\011\054\027\124\112\230\321\124\341\121\147\010  
\322\355\156\176\157\077\322\055\201\131\051\146\313\220\071\225  
\021\036\164\047\376\335\353\257\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\260\014\360  
\114\060\364\005\130\002\110\375\063\345\122\257\113\204\343\146  
\122\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000  
\003\202\002\001\000\252\250\200\217\016\170\243\340\242\324\315  
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366  
\054\214\162\207\251\261\374\177\163\375\143\161\170\245\207\131  
\317\060\341\015\020\262\023\132\155\202\365\152\346\200\237\240  
\005\013\150\344\107\153\307\152\337\266\375\167\062\162\345\030  
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003  
\171\267\061\043\143\255\170\203\011\206\150\204\312\377\371\317  
\046\232\222\171\347\315\113\305\347\141\247\027\313\363\251\022  
\223\223\153\247\350\057\123\222\304\140\130\260\314\002\121\030  
\133\205\215\142\131\143\266\255\264\336\232\373\046\367\000\047  
\300\135\125\067\164\231\311\120\177\343\131\056\104\343\054\045  
\356\354\114\062\167\264\237\032\351\113\135\040\305\332\375\034  
\207\026\306\103\350\324\273\046\232\105\160\136\251\013\067\123  
\342\106\173\047\375\340\106\362\211\267\314\102\266\313\050\046  
\156\331\245\311\072\310\101\023\140\367\120\214\025\256\262\155  
\032\025\032\127\170\346\222\052\331\145\220\202\077\154\002\257  
\256\022\072\047\226\066\004\327\035\242\200\143\251\233\361\345  
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233

```
\372\054\242\021\324\251\055\047\032\105\261\257\262\116\161\015
\300\130\106\326\151\006\313\123\313\263\376\153\101\315\101\176
\175\114\017\174\162\171\172\131\315\136\112\016\254\233\251\230
\163\171\174\264\364\314\271\270\007\014\262\164\134\270\307\157
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\267
\237\276\075\261\051\257\147\241\022\362\130\020\031\123\003\060
\033\270\032\211\366\234\275\227\003\216\243\011\363\035\213\041
\361\264\337\344\034\321\237\145\002\006\352\134\326\023\263\204
\357\242\245\134\214\167\051\247\150\300\153\256\100\322\250\264
\352\315\360\215\113\070\234\031\232\033\050\124\270\211\220\357
\312\165\201\076\036\362\144\044\307\030\257\116\377\107\236\007
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045
\111\223\266\337\000\027\332\130\176\135\356\305\033\260\321\321
\137\041\020\307\371\363\272\002\012\047\007\305\361\326\307\323
\340\373\011\140\154
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 2"

# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US

# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37

# Subject: CN=Amazon Root CA 2,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Amazon Root CA 2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170
\317\107\113\032
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint
(SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\001\266\060\202\001\133\240\003\002\001\002\002\023\006

```



\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003  
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060  
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031  
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040  
\122\157\157\164\040\103\101\040\063\060\036\027\015\061\065\060  
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065  
\062\066\060\060\060\060\060\132\060\071\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004  
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125  
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040  
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002  
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051  
\227\247\306\101\177\300\015\233\350\001\033\126\306\362\122\245  
\272\055\262\022\350\322\056\327\372\311\305\330\252\155\037\163  
\201\073\073\230\153\071\174\063\245\305\116\206\216\200\027\150  
\142\105\127\175\104\130\035\263\067\345\147\010\353\146\336\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\253  
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031  
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003  
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053  
\006\245\223\254\032\230\150\141\162\372\341\241\320\373\034\170  
\140\246\103\231\305\270\304\002\041\000\234\002\357\361\224\234  
\263\226\371\353\306\052\370\266\054\376\072\220\024\026\327\214  
\143\044\110\034\337\060\175\325\150\073

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL

CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 3"

# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US

# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a

# Subject: CN=Amazon Root CA 3,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4

# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Amazon Root CA 3"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\015\104\335\214\074\214\032\032\130\165\144\201\351\017\056\052
\377\263\322\156
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\240\324\357\013\367\265\330\111\225\052\354\365\304\374\201\207
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 4"
#
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
CKA_CLASS
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173  
\054\310\032\301\016

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\362\060\202\001\170\240\003\002\001\002\002\023\006  
\154\237\327\301\273\020\114\051\103\345\161\173\173\054\310\032  
\301\016\060\012\006\010\052\206\110\316\075\004\003\003\060\071  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060  
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031  
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040  
\122\157\157\164\040\103\101\040\064\060\036\027\015\061\065\060  
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065  
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004  
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125  
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040  
\103\101\040\064\060\166\060\020\006\007\052\206\110\316\075\002  
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067  
\117\243\123\015\376\301\212\173\113\250\173\106\113\143\260\142  
\366\055\033\333\010\161\041\322\000\350\143\275\232\047\373\360  
\071\156\135\352\075\245\311\201\252\243\133\040\230\105\135\026  
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144  
\063\240\313\044\057\160\272\210\241\052\240\165\370\201\256\142  
\006\304\201\333\071\156\051\260\036\372\056\134\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\206\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072  
\145\156\314\341\332\166\232\126\373\234\363\206\155\127\345\201  
\060\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060  
\145\002\060\072\213\041\361\275\176\021\255\320\357\130\226\057  
\326\353\235\176\220\215\053\317\146\125\303\054\343\050\251\160  
\012\107\016\360\067\131\022\377\055\231\224\050\116\052\117\065  
\115\063\132\002\061\000\352\165\000\116\073\304\072\224\022\221  
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226  
\324\254\213\153\153\111\022\123\063\255\327\344\276\044\374\265  
\012\166\324\245\274\020

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for "Amazon Root CA 4"
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256
\034\357\143\276
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315
END
CKA_ISSUER
MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\016
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "LuxTrust Global Root 2"
#
# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid Before: Thu Mar 05 13:21:57 2015
# Not Valid After : Mon Mar 05 13:21:57 2035
# Fingerprint (SHA-256):
54:45:5F:71:29:C2:0B:14:47:C4:18:F9:97:16:8F:24:C5:8F:C5:02:3B:F5:DA:5B:E2:EB:6E:1D:D8:90:2E:D5
```

#

Fingerprint (SHA1): 1E:0E:56:19:0A:D1:8B:25:98:B2:04:44:FF:66:8A:04:17:99:5F:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "LuxTrust Global Root 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061  
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165  
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003  
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141  
\154\040\122\157\157\164\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061  
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165  
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003  
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141  
\154\040\122\157\157\164\040\062

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270  
\025\323\026\177\273\261

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\303\060\202\003\253\240\003\002\001\002\002\024\012  
\176\246\337\113\104\236\332\152\044\205\236\346\270\025\323\026  
\177\273\261\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\106\061\013\060\011\006\003\125\004\006\023\002\114  
\125\061\026\060\024\006\003\125\004\012\014\015\114\165\170\124  
\162\165\163\164\040\123\056\101\056\061\037\060\035\006\003\125  
\004\003\014\026\114\165\170\124\162\165\163\164\040\107\154\157  
\142\141\154\040\122\157\157\164\040\062\060\036\027\015\061\065  
\060\063\060\065\061\063\062\061\065\067\132\027\015\063\065\060  
\063\060\065\061\063\062\061\065\067\132\060\106\061\013\060\011  
\006\003\125\004\006\023\002\114\125\061\026\060\024\006\003\125  
\004\012\014\015\114\165\170\124\162\165\163\164\040\123\056\101  
\056\061\037\060\035\006\003\125\004\003\014\026\114\165\170\124  
\162\165\163\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\205\227\277\021\230\351\360\142\203\114\074\207  
\371\123\152\067\013\362\017\074\207\316\157\334\046\051\275\305  
\211\272\311\203\075\367\356\312\133\306\155\111\163\264\311\106

\243\033\064\023\077\301\211\105\127\364\331\261\373\066\145\113  
\373\010\342\110\161\021\310\156\073\236\235\337\211\145\067\246  
\205\366\073\104\030\266\306\067\060\142\104\222\227\151\175\102  
\060\044\344\015\014\211\153\143\336\305\341\337\116\251\024\154  
\123\340\141\316\366\027\057\035\074\275\346\042\114\035\223\365  
\020\304\241\166\354\152\336\305\154\337\226\264\126\100\102\300  
\142\222\060\241\055\025\224\240\322\040\006\011\156\152\155\345  
\353\267\276\324\360\361\025\174\213\346\116\272\023\314\113\047  
\136\231\074\027\135\217\201\177\063\075\117\323\077\033\354\134  
\077\360\074\114\165\156\362\246\325\235\332\055\007\143\002\306  
\162\351\224\274\114\111\225\117\210\122\310\333\350\151\202\370  
\314\064\133\042\360\206\247\211\275\110\012\155\146\201\155\310  
\310\144\373\001\341\364\341\336\331\236\335\333\133\324\052\231  
\046\025\033\036\114\222\051\202\236\325\222\201\222\101\160\031  
\367\244\345\223\113\274\167\147\061\335\034\375\061\160\015\027  
\231\014\371\014\071\031\052\027\265\060\161\125\325\017\256\130  
\341\075\057\064\233\317\237\366\170\205\302\223\172\162\076\146  
\217\234\026\021\140\217\236\211\157\147\276\340\107\132\073\014  
\232\147\213\317\106\306\256\070\243\362\247\274\346\326\205\153  
\063\044\160\042\113\313\010\233\273\310\370\002\051\035\276\040  
\014\106\277\153\207\233\263\052\146\102\065\106\154\252\272\255  
\371\230\173\351\120\125\024\061\277\261\332\055\355\200\255\150  
\044\373\151\253\330\161\023\060\346\147\263\207\100\375\211\176  
\362\103\321\021\337\057\145\057\144\316\137\024\271\261\277\061  
\275\207\170\132\131\145\210\252\374\131\062\110\206\326\114\271  
\051\113\225\323\166\363\167\045\155\102\034\070\203\115\375\243  
\137\233\177\055\254\171\033\016\102\061\227\143\244\373\212\151  
\325\042\015\064\220\060\056\250\264\340\155\266\224\254\274\213  
\116\327\160\374\305\070\216\144\045\341\115\071\220\316\311\207  
\204\130\161\002\003\001\000\001\243\201\250\060\201\245\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\102\006\003\125\035\040\004\073\060\071\060\067\006\007\053\201  
\053\001\001\001\012\060\054\060\052\006\010\053\006\001\005\005  
\007\002\001\026\036\150\164\164\160\163\072\057\057\162\145\160  
\157\163\151\164\157\162\171\056\154\165\170\164\162\165\163\164  
\056\154\165\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\037\006\003\125\035\043\004\030\060\026\200\024  
\377\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123  
\370\113\174\263\060\035\006\003\125\035\016\004\026\004\024\377  
\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123\370  
\113\174\263\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\152\031\024\355\156\171\301\054\207  
\324\015\160\176\327\366\170\311\013\004\116\304\261\316\223\160  
\376\260\124\300\062\315\231\060\144\027\277\017\345\342\063\375  
\007\066\100\162\016\032\266\152\131\326\000\345\150\040\335\056  
\162\015\037\152\144\061\040\204\175\111\246\132\067\353\105\311  
\205\365\324\307\027\231\007\346\233\125\344\014\350\251\264\316  
\214\133\265\021\134\317\212\016\015\326\254\167\201\376\062\234

\044\236\162\316\124\363\320\157\242\126\326\354\303\067\054\145  
\130\276\127\000\032\362\065\372\353\173\061\135\302\301\022\075  
\226\201\210\226\211\301\131\134\172\346\177\160\064\347\203\342  
\261\341\341\270\130\357\324\225\344\140\234\360\226\227\162\214  
\353\204\002\056\145\217\244\267\322\177\147\335\310\323\236\134  
\252\251\244\240\045\024\006\233\354\117\176\055\013\177\035\165  
\361\063\330\355\316\270\165\155\076\133\271\230\035\061\015\126  
\330\103\017\060\221\262\004\153\335\126\276\225\200\125\147\276  
\330\315\203\331\030\356\056\017\206\055\222\236\160\023\354\336  
\121\311\103\170\002\245\115\310\371\137\304\221\130\106\026\167  
\132\164\252\100\274\007\237\060\271\261\367\022\027\335\343\377  
\044\100\035\172\152\321\117\030\012\252\220\035\353\100\036\337  
\241\036\104\222\020\232\362\215\341\321\113\106\236\350\105\102  
\227\352\105\231\363\354\146\325\002\372\362\246\112\044\252\336  
\316\271\312\371\077\223\157\371\243\272\352\245\076\231\255\375  
\377\173\231\365\145\356\360\131\050\147\327\220\225\244\023\204  
\251\204\301\350\316\316\165\223\143\032\274\074\352\325\144\037  
\055\052\022\071\306\303\132\062\355\107\221\026\016\274\070\301  
\120\336\217\312\052\220\064\034\356\101\224\234\136\031\056\370  
\105\111\231\164\221\260\004\157\343\004\132\261\253\052\253\376  
\307\320\226\266\332\341\112\144\006\156\140\115\275\102\116\377  
\170\332\044\312\033\264\327\226\071\154\256\361\016\252\247\175  
\110\213\040\114\317\144\326\270\227\106\260\116\321\052\126\072  
\240\223\275\257\200\044\340\012\176\347\312\325\312\350\205\125  
\334\066\052\341\224\150\223\307\146\162\104\017\200\041\062\154  
\045\307\043\200\203\012\353

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "LuxTrust Global Root 2"

# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU

# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1

# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU

# Not Valid Before: Thu Mar 05 13:21:57 2015

# Not Valid After : Mon Mar 05 13:21:57 2035

# Fingerprint (SHA-256):

54:45:5F:71:29:C2:0B:14:47:C4:18:F9:97:16:8F:24:C5:8F:C5:02:3B:F5:DA:5B:E2:EB:6E:1D:D8:90:2E:D5

# Fingerprint (SHA1): 1E:0E:56:19:0A:D1:8B:25:98:B2:04:44:FF:66:8A:04:17:99:5F:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "LuxTrust Global Root 2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\036\016\126\031\012\321\213\045\230\262\004\104\377\146\212\004  
\027\231\137\077

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\262\341\011\000\141\257\367\361\221\157\304\255\215\136\073\174  
END

CKA\_ISSUER MULTILINE\_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061  
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165  
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003  
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141  
\154\040\122\157\157\164\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270  
\025\323\026\177\273\261

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Symantec Class 1 Public

Primary Certification Authority - G6"

#

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9

# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153



\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320  
\363\230

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044  
\062\165\362\035\057\322\011\063\367\264\152\312\320\363\230\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\061  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040

\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\307\071\327  
\111\144\251\231\202\042\114\352\105\331\007\026\343\173\364\203  
\350\231\163\372\153\261\066\340\232\167\240\100\302\201\215\001  
\307\314\214\275\217\175\367\171\343\172\114\003\115\331\373\375  
\207\070\050\054\335\232\213\124\010\333\147\373\033\214\376\050  
\222\057\276\267\262\110\247\201\241\330\136\210\303\314\071\100  
\101\132\321\334\345\332\020\237\057\332\001\115\375\056\106\174  
\371\056\047\012\151\067\356\221\243\033\152\314\104\277\033\307  
\303\324\021\262\120\140\227\011\275\056\042\365\101\204\146\237  
\315\100\246\251\000\200\301\037\225\222\237\336\363\110\357\333  
\035\167\141\374\177\337\356\226\244\162\320\266\076\377\170\047  
\257\313\222\025\151\010\333\143\020\342\346\227\254\156\334\254  
\366\242\316\036\107\231\271\211\267\022\346\241\324\315\131\021  
\147\303\157\205\330\102\116\050\276\131\125\131\004\225\253\217  
\067\200\277\015\360\374\037\072\144\061\130\201\170\327\342\065  
\366\040\077\051\270\217\026\156\076\110\334\265\114\007\341\362  
\032\352\176\012\171\326\250\275\353\135\206\053\115\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\063\101\350\310\071\022\025\223\110\362\226\062\056\132  
\365\332\224\137\123\140\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\025\343\163\127\261\027  
\266\137\111\151\104\246\366\136\172\147\254\322\336\165\111\253  
\376\045\125\307\072\311\104\025\020\156\277\061\153\313\331\007  
\223\177\034\205\143\000\343\062\022\340\314\313\373\071\154\217  
\342\123\342\074\100\063\331\244\214\107\346\255\130\373\211\257  
\343\336\206\051\126\064\054\105\270\022\372\104\211\156\055\024  
\045\050\044\001\145\326\352\122\254\005\156\126\022\011\075\320  
\164\364\327\275\006\312\250\072\215\126\102\372\215\162\076\164  
\361\003\162\337\207\033\136\016\172\125\226\054\070\267\230\205  
\315\115\063\104\311\224\217\132\061\060\067\113\243\072\022\263  
\347\066\321\041\150\113\055\070\346\123\256\034\045\126\010\126  
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\006\104  
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100  
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\013  
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043  
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364  
\322\063\340\377\275\321\124\071\051\017

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "Symantec Class 1 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"
#

```

```
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
#
Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
```

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\144  
\202\236\374\067\036\164\135\374\227\377\227\310\261\377\101\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\062\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\062  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\315\314\351  
\005\310\143\205\313\077\100\143\027\275\030\372\065\346\004\147  
\127\145\230\051\244\117\311\134\217\017\064\322\370\332\250\023  
\142\252\270\036\120\147\170\260\026\114\240\071\251\025\172\256  
\355\322\242\300\360\220\067\051\030\046\134\350\015\074\266\154  
\111\077\301\340\334\331\113\266\024\031\013\246\323\226\341\326  
\011\343\031\046\034\371\037\145\113\371\032\103\034\000\203\326  
\320\252\111\242\324\333\346\142\070\272\120\024\103\155\371\061  
\370\126\026\331\070\002\221\317\353\154\335\273\071\116\231\341  
\060\147\105\361\324\360\215\303\337\376\362\070\007\041\175\000  
\136\126\104\263\344\140\275\221\053\234\253\133\004\162\017\262  
\050\331\162\253\005\040\102\045\251\133\003\152\040\020\314\061  
\360\053\332\065\054\320\373\232\227\116\360\202\113\053\330\137  
\066\243\013\055\257\143\015\035\045\177\241\156\134\142\241\215  
\050\076\241\374\034\040\370\001\057\272\125\232\021\260\031\322  
\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137  
\167\247\167\234\345\036\334\351\337\152\301\145\135\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\207\214\040\225\310\230\112\321\326\200\006\112\220\064  
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015

```
\001\001\013\005\000\003\202\001\001\000\201\216\262\245\146\226
\267\041\245\266\357\157\043\132\137\333\201\305\102\245\170\301
\151\375\364\074\327\371\134\153\160\162\032\374\132\227\115\000
\200\210\210\202\212\303\161\015\216\305\211\233\054\355\215\013
\322\162\124\365\175\324\134\103\127\351\363\256\245\002\021\366
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156
\246\264\012\110\346\347\165\007\017\051\031\071\316\171\364\266
\154\305\137\231\325\037\113\372\337\155\054\074\015\124\200\160
\360\210\013\200\317\306\150\242\270\035\160\331\166\214\374\356
\245\311\317\255\035\317\231\045\127\132\142\105\313\026\153\275
\111\315\245\243\214\151\171\045\256\270\114\154\213\100\146\113
\026\077\317\002\032\335\341\154\153\007\141\152\166\025\051\231
\177\033\335\210\200\301\277\265\217\163\305\246\226\043\204\246
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035
\141\250\100\051\147\035\207\233\035\177\233\237\231\315\061\326
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376
\157\374\132\344\202\125\131\257\061\251
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0

#

Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Symantec Class 1 Public Primary Certification Authority - G4"

#

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Serial Number:21:6e:33:a5:cb:d3:88:a4:6f:29:07:b4:27:3c:c4:d8

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18

23:59:59 2038

# Fingerprint (SHA-256):

36:3F:3C:84:9E:AB:03:B0:A2:A0:F6:36:D7:B8:6D:04:D3:AC:7F:CF:E2:6A:0A:91:21:AB:97:95:F6:E1:76:DF

# Fingerprint (SHA1): 84:F2:E3:DD:83:13:3E:A9:1D:19:52:7F:02:D7:29:BF:C1:5F:E6:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
```

\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\156\063\245\313\323\210\244\157\051\007\264\047\074  
\304\330

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\250\060\202\002\055\240\003\002\001\002\002\020\041  
\156\063\245\313\323\210\244\157\051\007\264\047\074\304\330\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\035\060\033\006  
\003\125\004\012\023\024\123\171\155\141\156\164\145\143\040\103  
\157\162\160\157\162\141\164\151\157\156\061\037\060\035\006\003  
\125\004\013\023\026\123\171\155\141\156\164\145\143\040\124\162  
\165\163\164\040\116\145\164\167\157\162\153\061\105\060\103\006  
\003\125\004\003\023\074\123\171\155\141\156\164\145\143\040\103  
\154\141\163\163\040\061\040\120\165\142\154\151\143\040\120\162  
\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\064\060\036\027\015\061\061\061\060\060\065\060\060\060\060  
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065  
\071\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\035\060\033\006\003\125\004\012\023\024\123\171\155  
\141\156\164\145\143\040\103\157\162\160\157\162\141\164\151\157  
\156\061\037\060\035\006\003\125\004\013\023\026\123\171\155\141  
\156\164\145\143\040\124\162\165\163\164\040\116\145\164\167\157  
\162\153\061\105\060\103\006\003\125\004\003\023\074\123\171\155  
\141\156\164\145\143\040\103\154\141\163\163\040\061\040\120\165  
\142\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\107\064\060\166\060\020\006\007\052



```
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\327\146\265\033\333\256\263\140\356\106\352\210\143\165\073
\052\224\155\363\137\022\366\343\017\236\266\012\024\123\110\122
\310\334\072\263\313\110\040\046\022\116\372\211\204\324\337\221
\344\051\175\050\001\331\333\030\103\151\241\037\265\323\206\026
\334\307\177\147\043\337\337\061\061\203\003\065\160\261\113\267
\310\027\273\121\313\334\224\027\333\352\011\073\166\022\336\252
\265\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\145\300\215\045\365\014\272\227\167\220\077\236\056\340\132
\365\316\325\341\344\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\245\256\343\106\123\370\230
\066\343\042\372\056\050\111\015\356\060\176\063\363\354\077\161
\136\314\125\211\170\231\254\262\375\334\034\134\063\216\051\271
\153\027\310\021\150\265\334\203\007\002\061\000\234\310\104\332
\151\302\066\303\124\031\020\205\002\332\235\107\357\101\347\154
\046\235\011\075\367\155\220\321\005\104\057\260\274\203\223\150
\362\014\105\111\071\277\231\004\034\323\020\240
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Symantec Class 1 Public Primary Certification Authority - G4"

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec

Trust Network,O=Symantec Corporation,C=US

# Serial Number:21:6e:33:a5:cb:d3:88:a4:6f:29:07:b4:27:3c:c4:d8

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust

Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

36:3F:3C:84:9E:AB:03:B0:A2:A0:F6:36:D7:B8:6D:04:D3:AC:7F:CF:E2:6A:0A:91:21:AB:97:95:F6:E1:76:DF

# Fingerprint (SHA1): 84:F2:E3:DD:83:13:3E:A9:1D:19:52:7F:02:D7:29:BF:C1:5F:E6:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\204\362\343\335\203\023\076\251\035\031\122\177\002\327\051\277
```

```
\301\137\346\147
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\004\345\200\077\125\377\131\207\244\062\322\025\245\345\252\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\020\041\156\063\245\313\323\210\244\157\051\007\264\047\074
\304\330
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "Symantec Class 2 Public Primary Certification

Authority - G4"

#

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:34:17:65:12:40:3b:b7:56:80:2d:80:cb:79:55:a6:1e

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

FE:86:3D:08:22:FE:7A:23:53:FA:48:4D:59:24:E8:75:65:6D:3D:C9:FB:58:77:1F:6F:61:6F:9D:57:1B:C5:92

# Fingerprint (SHA1): 67:24:90:2E:48:01:B0:22:96:40:10:46:B4:B1:67:2C:A9:75:FD:2B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
```

\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\020\064\027\145\022\100\073\267\126\200\055\200\313\171\125  
\246\036

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\250\060\202\002\055\240\003\002\001\002\002\020\064  
\027\145\022\100\073\267\126\200\055\200\313\171\125\246\036\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\035\060\033\006  
\003\125\004\012\023\024\123\171\155\141\156\164\145\143\040\103  
\157\162\160\157\162\141\164\151\157\156\061\037\060\035\006\003  
\125\004\013\023\026\123\171\155\141\156\164\145\143\040\124\162  
\165\163\164\040\116\145\164\167\157\162\153\061\105\060\103\006  
\003\125\004\003\023\074\123\171\155\141\156\164\145\143\040\103  
\154\141\163\163\040\062\040\120\165\142\154\151\143\040\120\162  
\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\064\060\036\027\015\061\061\061\060\060\065\060\060\060\060  
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065  
\071\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\035\060\033\006\003\125\004\012\023\024\123\171\155  
\141\156\164\145\143\040\103\157\162\160\157\162\141\164\151\157  
\156\061\037\060\035\006\003\125\004\013\023\026\123\171\155\141  
\156\164\145\143\040\124\162\165\163\164\040\116\145\164\167\157  
\162\153\061\105\060\103\006\003\125\004\003\023\074\123\171\155  
\141\156\164\145\143\040\103\154\141\163\163\040\062\040\120\165  
\142\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162

```
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\055\040\107\064\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\321\331\112\216\114\015\204\112\121\272\174\357\323\314\372
\072\232\265\247\143\023\075\001\340\111\076\372\301\107\311\222
\263\072\327\376\157\234\367\232\072\017\365\016\012\012\303\077
\310\347\022\024\216\325\325\155\230\054\263\161\062\012\353\052
\275\366\327\152\040\013\147\105\234\322\262\277\123\042\146\011
\135\333\021\363\361\005\063\130\243\342\270\317\174\315\202\233
\275\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\075\062\363\072\251\014\220\204\371\242\214\151\006\141\124
\057\207\162\376\005\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\310\246\251\257\101\177\265
\311\021\102\026\150\151\114\134\270\047\030\266\230\361\300\177
\220\155\207\323\214\106\027\360\076\117\374\352\260\010\304\172
\113\274\010\057\307\342\247\157\145\002\061\000\326\131\336\206
\316\137\016\312\124\325\306\320\025\016\374\213\224\162\324\216
\000\130\123\317\176\261\113\015\345\120\206\353\236\153\337\377
\051\246\330\107\331\240\226\030\333\362\105\263
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Symantec Class 2 Public Primary Certification Authority - G4"

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust

Network,O=Symantec Corporation,C=US

# Serial Number:34:17:65:12:40:3b:b7:56:80:2d:80:cb:79:55:a6:1e

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust

Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

FE:86:3D:08:22:FE:7A:23:53:FA:48:4D:59:24:E8:75:65:6D:3D:C9:FB:58:77:1F:6F:61:6F:9D:57:1B:C5:92

# Fingerprint (SHA1): 67:24:90:2E:48:01:B0:22:96:40:10:46:B4:B1:67:2C:A9:75:FD:2B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN

CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\147\044\220\056\110\001\260\042\226\100\020\106\264\261\147\054
```

```
\251\165\375\053
```

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\160\325\060\361\332\224\227\324\327\164\337\276\355\150\336\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\064\027\145\022\100\073\267\126\200\055\200\313\171\125
\246\036
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8
"D-TRUST Root CA 3 2013"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101

```

\040\063\040\062\060\061\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014  
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101  
\040\063\040\062\060\061\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\017\335\254

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\016\060\202\002\366\240\003\002\001\002\002\003\017  
\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003  
\014\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\101\040\063\040\062\060\061\063\060\036\027\015\061\063\060\071  
\062\060\060\070\062\065\065\061\132\027\015\062\070\060\071\062  
\060\060\070\062\065\065\061\132\060\105\061\013\060\011\006\003  
\125\004\006\023\002\104\105\061\025\060\023\006\003\125\004\012  
\014\014\104\055\124\162\165\163\164\040\107\155\142\110\061\037  
\060\035\006\003\125\004\003\014\026\104\055\124\122\125\123\124  
\040\122\157\157\164\040\103\101\040\063\040\062\060\061\063\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\304\173\102\222\202\037\354\355\124\230\216\022\300\312\011\337  
\223\156\072\223\134\033\344\020\167\236\116\151\210\154\366\341  
\151\362\366\233\242\141\261\275\007\040\164\230\145\361\214\046  
\010\315\250\065\312\200\066\321\143\155\350\104\172\202\303\154  
\136\336\273\350\066\322\304\150\066\214\237\062\275\204\042\340  
\334\302\356\020\106\071\155\257\223\071\256\207\346\303\274\011  
\311\054\153\147\133\331\233\166\165\114\013\340\273\305\327\274  
\076\171\362\137\276\321\220\127\371\256\366\146\137\061\277\323  
\155\217\247\272\112\363\043\145\273\267\357\243\045\327\012\352  
\130\266\357\210\372\372\171\262\122\130\325\360\254\214\241\121  
\164\051\225\252\121\073\220\062\003\237\034\162\164\220\336\075  
\355\141\322\345\343\375\144\107\345\271\267\112\251\367\037\256  
\226\206\004\254\057\343\244\201\167\267\132\026\377\330\017\077  
\366\267\170\314\244\257\372\133\074\022\133\250\122\211\162\357  
\210\363\325\104\201\206\225\043\237\173\335\274\331\064\357\174  
\224\074\252\300\101\302\343\235\120\032\300\344\031\042\374\263  
\002\003\001\000\001\243\202\001\005\060\202\001\001\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\077\220\310\175\307\025\157

\363\044\217\251\303\057\113\242\017\041\262\057\347\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\276  
\006\003\125\035\037\004\201\266\060\201\263\060\164\240\162\240  
\160\206\156\154\144\141\160\072\057\057\144\151\162\145\143\164  
\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057  
\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157  
\164\045\062\060\103\101\045\062\060\063\045\062\060\062\060\061  
\063\054\117\075\104\055\124\162\165\163\164\045\062\060\107\155  
\142\110\054\103\075\104\105\077\143\145\162\164\151\146\151\143  
\141\164\145\162\145\166\157\143\141\164\151\157\156\154\151\163  
\164\060\073\240\071\240\067\206\065\150\164\164\160\072\057\057  
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057  
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164  
\137\143\141\137\063\137\062\060\061\063\056\143\162\154\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\016\131\016\130\344\164\110\043\104\317\064\041\265\234  
\024\032\255\232\113\267\263\210\155\134\251\027\160\360\052\237  
\215\173\371\173\205\372\307\071\350\020\010\260\065\053\137\317  
\002\322\323\234\310\013\036\356\005\124\256\067\223\004\011\175  
\154\217\302\164\274\370\034\224\276\061\001\100\055\363\044\040  
\267\204\125\054\134\310\365\164\112\020\031\213\243\307\355\065  
\326\011\110\323\016\300\272\071\250\260\106\002\260\333\306\210  
\131\302\276\374\173\261\053\317\176\142\207\125\226\314\001\157  
\233\147\041\225\065\213\370\020\374\161\033\267\113\067\151\246  
\073\326\354\213\356\301\260\363\045\311\217\222\175\241\352\303  
\312\104\277\046\245\164\222\234\343\164\353\235\164\331\313\115  
\207\330\374\264\151\154\213\240\103\007\140\170\227\351\331\223  
\174\302\106\274\233\067\122\243\355\212\074\023\251\173\123\113  
\111\232\021\005\054\013\156\126\254\037\056\202\154\340\151\147  
\265\016\155\055\331\344\300\025\361\077\372\030\162\341\025\155  
\047\133\055\060\050\053\237\110\232\144\053\231\357\362\165\111  
\137\134

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root CA 3 2013"

# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE

# Serial Number: 1039788 (0xfddac)

# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE

# Not Valid Before: Fri Sep 20 08:25:51 2013

# Not Valid After : Wed Sep 20 08:25:51 2028

# Fingerprint (SHA-256):

A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57

# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\042\146\230\176\326\003\340\301\161\346\165\315\126\105\277
END
CKA_ISSUER
MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum
1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu -
TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```



```
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
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CKA\_SERIAL\_NUMBER

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CKA\_VALUE MULTILINE\_OCTAL

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\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145\040
\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003\125
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\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152
\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162
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\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162  
\165\155\040\061\060\036\027\015\061\063\061\061\062\065\060\070  
\062\065\065\065\132\027\015\064\063\061\060\062\065\060\070\062  
\065\065\065\132\060\201\322\061\013\060\011\006\003\125\004\006  
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\040\363\371\343\343\072\337\314\234\224\330\116\117\303\153\027
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\235
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\075\221\173\176\300\041\123\114\207\355\362\013\124\225\121\223
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR

# Serial Number: 1 (0x1)

# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR

# Not Valid Before: Mon Nov 25 08:25:55 2013

# Not Valid After : Sun Oct 25 08:25:55 2043

# Fingerprint (SHA-256):

46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16

# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA

CKA\_CLASS

CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\221\335\356\312
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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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END

CKA\_ISSUER MULTILINE\_OCTAL

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\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055  
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145  
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END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\001\001

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GDCA TrustAUTH R5 ROOT"

#

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Serial Number:7d:09:97:fe:f0:47:ea:7a

# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Not Valid Before: Wed Nov 26 05:13:15 2014

# Not Valid After : Mon Dec 31 15:59:59 2040

# Fingerprint (SHA-256):

BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

#

Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

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END

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END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GDCA TrustAUTH R5 ROOT"

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Serial Number:7d:09:97:fe:f0:47:ea:7a

# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Not Valid Before: Wed Nov 26 05:13:15 2014

# Not Valid After : Mon Dec 31 15:59:59 2040

# Fingerprint (SHA-256):

BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GDCA TrustAUTH R5  
ROOT"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert
  CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012

```



\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\011\000  
\332\233\354\161\363\003\260\031\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060  
\035\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162  
\040\122\157\157\164\103\145\162\164\040\103\101\055\061\060\036  
\027\015\061\066\060\062\060\064\061\062\063\062\061\066\132\027  
\015\062\071\061\062\063\061\061\067\062\063\061\066\132\060\201  
\244\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017  
\060\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061  
\024\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141  
\040\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033  
\124\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163  
\040\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006  
\003\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124  
\162\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164  
\040\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\277\216\267\225\342\302\046\022\153\063  
\031\307\100\130\012\253\131\252\215\000\243\374\200\307\120\173  
\216\324\040\046\272\062\022\330\043\124\111\045\020\042\230\235  
\106\322\301\311\236\116\033\056\054\016\070\363\032\045\150\034  
\246\132\005\346\036\213\110\277\230\226\164\076\151\312\351\265  
\170\245\006\274\325\000\136\011\012\362\047\172\122\374\055\325  
\261\352\264\211\141\044\363\032\023\333\251\317\122\355\014\044  
\272\271\236\354\176\000\164\372\223\255\154\051\222\256\121\264

\273\323\127\277\263\363\250\215\234\364\044\113\052\326\231\236  
\364\236\376\300\176\102\072\347\013\225\123\332\267\150\016\220  
\114\373\160\077\217\112\054\224\363\046\335\143\151\251\224\330  
\020\116\305\107\010\220\231\033\027\115\271\154\156\357\140\225  
\021\216\041\200\265\275\240\163\330\320\262\167\304\105\352\132  
\046\373\146\166\166\370\006\037\141\155\017\125\305\203\267\020  
\126\162\006\007\245\363\261\032\003\005\144\016\235\132\212\326  
\206\160\033\044\336\376\050\212\053\320\152\260\374\172\242\334  
\262\171\016\213\145\017\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\356\153\111\074\172\077  
\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060\037  
\006\003\125\035\043\004\030\060\026\200\024\356\153\111\074\172  
\077\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\045\030\324\221\217\023\356\217\036\035\021\123  
\332\055\104\051\031\240\036\153\061\236\115\016\236\255\075\134  
\101\157\225\053\044\241\171\230\072\070\066\373\273\146\236\110  
\377\220\220\357\075\324\270\233\264\207\165\077\040\233\316\162  
\317\241\125\301\115\144\242\031\006\241\007\063\014\013\051\345  
\361\352\253\243\354\265\012\164\220\307\175\162\362\327\134\237  
\221\357\221\213\267\334\355\146\242\317\216\146\073\274\237\072  
\002\340\047\335\026\230\300\225\324\012\244\344\201\232\165\224  
\065\234\220\137\210\067\006\255\131\225\012\260\321\147\323\031  
\312\211\347\062\132\066\034\076\202\250\132\223\276\306\320\144  
\221\266\317\331\266\030\317\333\176\322\145\243\246\304\216\027  
\061\301\373\176\166\333\323\205\343\130\262\167\172\166\073\154  
\057\120\034\347\333\366\147\171\037\365\202\225\232\007\247\024  
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167  
\134\303\224\044\075\062\153\113\176\324\170\224\203\276\067\115  
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074  
\132\171\054\031

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor RootCert CA-1"

# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor  
Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:00:da:9b:ec:71:f3:03:b0:19

# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de  
R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:16 2016

# Not Valid After : Mon Dec 31 17:23:16 2029

# Fingerprint (SHA-256):

```
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\377\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\011\000\332\233\354\161\363\003\260\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-2"
#
# Issuer: CN=TrustCor RootCert
CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65
```

# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\057\060\202\004\027\240\003\002\001\002\002\010\045  
\241\337\312\063\313\131\002\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122

\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060\035  
\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162\040  
\122\157\157\164\103\145\162\164\040\103\101\055\062\060\036\027  
\015\061\066\060\062\060\064\061\062\063\062\062\063\132\027\015  
\063\064\061\062\063\061\061\067\062\066\063\071\132\060\201\244  
\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017\060  
\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061\024  
\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141\040  
\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033\124  
\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163\040  
\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006\003  
\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103\145  
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162  
\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124\162  
\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164\040  
\103\101\055\062\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\247\040\156\302\052\242\142\044\225\220\166  
\310\070\176\200\322\253\301\233\145\005\224\364\301\012\020\325  
\002\254\355\237\223\307\207\310\260\047\053\102\014\075\012\076  
\101\132\236\165\335\215\312\340\233\354\150\062\244\151\222\150  
\214\013\201\016\126\240\076\032\335\054\045\024\202\057\227\323  
\144\106\364\124\251\334\072\124\055\061\053\231\202\362\331\052  
\327\357\161\000\270\061\244\276\172\044\007\303\102\040\362\212  
\324\222\004\033\145\126\114\154\324\373\266\141\132\107\043\264  
\330\151\264\267\072\320\164\074\014\165\241\214\116\166\241\351  
\333\052\245\073\372\316\260\377\176\152\050\375\047\034\310\261  
\351\051\361\127\156\144\264\320\301\025\155\016\276\056\016\106  
\310\136\364\121\376\357\016\143\072\073\161\272\317\157\131\312  
\014\343\233\135\111\270\114\342\127\261\230\212\102\127\234\166  
\357\357\275\321\150\250\322\364\011\273\167\065\276\045\202\010  
\304\026\054\104\040\126\251\104\021\167\357\135\264\035\252\136  
\153\076\213\062\366\007\057\127\004\222\312\365\376\235\302\351  
\350\263\216\114\113\002\061\331\344\074\110\202\047\367\030\202  
\166\110\072\161\261\023\241\071\325\056\305\064\302\035\142\205  
\337\003\376\115\364\257\075\337\134\133\215\372\160\341\245\176  
\047\307\206\056\152\217\022\306\204\136\103\121\120\234\031\233  
\170\346\374\366\355\107\176\173\075\146\357\023\023\210\137\074  
\241\143\373\371\254\207\065\237\363\202\236\244\077\012\234\061  
\151\213\231\244\210\112\216\156\146\115\357\026\304\017\171\050  
\041\140\015\205\026\175\327\124\070\361\222\126\375\265\063\114  
\203\334\327\020\237\113\375\306\370\102\275\272\174\163\002\340  
\377\175\315\133\341\324\254\141\173\127\325\112\173\133\324\205  
\130\047\135\277\370\053\140\254\240\046\256\024\041\047\306\167  
\232\063\200\074\136\106\077\367\303\261\243\206\063\306\350\136  
\015\271\065\054\252\106\301\205\002\165\200\240\353\044\373\025

\252\344\147\177\156\167\077\364\004\212\057\174\173\343\027\141  
\360\335\011\251\040\310\276\011\244\320\176\104\303\262\060\112  
\070\252\251\354\030\232\007\202\053\333\270\234\030\255\332\340  
\106\027\254\317\135\002\003\001\000\001\243\143\060\141\060\035  
\006\003\125\035\016\004\026\004\024\331\376\041\100\156\224\236  
\274\233\075\234\175\230\040\031\345\214\060\142\262\060\037\006  
\003\125\035\043\004\030\060\026\200\024\331\376\041\100\156\224  
\236\274\233\075\234\175\230\040\031\345\214\060\142\262\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\236\105\236\014\073\266\357\341\072\310\174\321\000  
\075\317\342\352\006\265\262\072\273\006\113\150\172\320\043\227  
\164\247\054\360\010\330\171\132\327\132\204\212\330\022\232\033  
\331\175\134\115\160\305\245\371\253\345\243\211\211\335\001\372  
\354\335\371\351\222\227\333\260\106\102\363\323\142\252\225\376  
\061\147\024\151\130\220\012\252\013\356\067\043\307\120\121\264  
\365\176\236\343\173\367\344\314\102\062\055\111\014\313\377\111  
\014\233\036\064\375\156\156\226\212\171\003\266\157\333\011\313  
\375\137\145\024\067\341\070\365\363\141\026\130\344\265\155\015  
\013\004\033\077\120\055\177\263\307\172\032\026\200\140\370\212  
\037\351\033\052\306\371\272\001\032\151\277\322\130\307\124\127  
\010\217\341\071\140\167\113\254\131\204\032\210\361\335\313\117  
\170\327\347\341\063\055\374\356\101\372\040\260\276\313\367\070  
\224\300\341\320\205\017\273\355\054\163\253\355\376\222\166\032  
\144\177\133\015\063\011\007\063\173\006\077\021\244\134\160\074  
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020  
\147\245\122\055\360\304\231\217\177\277\321\153\342\265\107\326  
\331\320\205\231\115\224\233\017\113\215\356\000\132\107\035\021  
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301  
\242\011\310\345\375\200\136\310\140\102\001\033\032\123\132\273  
\067\246\267\274\272\204\351\036\154\032\324\144\332\324\103\376  
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206  
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367  
\111\354\047\350\100\036\263\246\211\042\162\234\365\015\063\264  
\130\243\060\073\335\324\152\124\223\276\032\115\363\223\224\367  
\374\204\013\077\204\040\134\064\003\104\305\332\255\274\012\301  
\002\317\036\345\224\331\363\216\133\330\114\360\235\354\141\027  
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\222  
\005\016\131\335\231\010\056\056\372\234\000\122\323\305\146\051  
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101  
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226  
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156  
\326\354\011

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor RootCert CA-2"

# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor

Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:25:a1:df:ca:33:cb:59:02

# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:23 2016

# Not Valid After : Sun Dec 31 17:26:39 2034

# Fingerprint (SHA-256):

07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65

# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307

\224\262\034\300

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101

\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155

\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141

\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012

\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145

\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060

\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162

\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164

\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014

\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145

\162\164\040\103\101\055\062

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

```
# Certificate "TrustCor ECA-1"
#
# Issuer:
  CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
  City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
  City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C
# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_ID
  UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_SERIAL_NUMBER
  MULTILINE_OCTAL
\002\011\000\204\202\054\137\034\142\320\100
```



END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\040\060\202\003\010\240\003\002\001\002\002\011\000  
\204\202\054\137\034\142\320\100\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\234\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060  
\025\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162  
\040\105\103\101\055\061\060\036\027\015\061\066\060\062\060\064  
\061\062\063\062\063\063\132\027\015\062\071\061\062\063\061\061  
\067\062\070\060\067\132\060\201\234\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060\025  
\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162\040  
\105\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\317\217\340\021\265\237\250\166\166\333  
\337\017\124\357\163\143\051\202\255\107\306\243\153\355\376\137  
\063\370\103\121\351\032\063\221\061\027\240\164\304\324\247\001  
\346\262\222\076\152\235\355\016\371\164\230\100\323\077\003\200  
\006\202\100\350\261\342\247\121\247\035\203\046\153\253\336\372  
\027\221\053\330\306\254\036\261\236\031\001\325\227\246\352\015  
\267\304\125\037\047\174\322\010\325\166\037\051\025\207\100\071  
\335\070\105\021\165\320\232\247\064\340\277\315\310\122\035\271  
\107\176\015\270\273\306\014\366\163\127\026\132\176\103\221\037  
\125\072\306\155\104\004\252\234\251\234\247\114\211\027\203\256  
\243\004\136\122\200\213\036\022\045\021\031\327\014\175\175\061  
\104\101\352\333\257\260\034\357\201\320\054\305\232\041\233\075  
\355\102\073\120\046\362\354\316\161\141\006\142\041\124\116\177  
\301\235\076\177\040\214\200\313\052\330\227\142\310\203\063\221  
\175\260\242\132\017\127\350\073\314\362\045\262\324\174\057\354  
\115\306\241\072\025\172\347\266\135\065\365\366\110\112\066\105  
\146\324\272\230\130\301\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\104\236\110\365\314\155  
\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060\037  
\006\003\125\035\043\004\030\060\026\200\024\104\236\110\365\314

```
\155\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\001\001\000\005\076\065\134\025\160\233\311\307\163\141\157
\162\053\324\302\217\362\103\135\002\316\304\224\271\224\021\203
\147\135\342\147\154\165\166\277\273\014\252\066\306\255\107\223
\143\334\036\176\326\336\056\376\351\031\062\070\003\177\024\366
\000\163\054\131\261\041\006\341\373\254\030\225\014\243\377\231
\226\367\053\047\233\325\044\314\035\335\301\072\340\230\104\260
\304\344\076\167\261\163\251\144\054\366\034\001\174\077\135\105
\205\300\205\347\045\217\225\334\027\363\074\237\032\156\260\312
\343\035\052\351\114\143\372\044\141\142\326\332\176\266\034\154
\365\002\035\324\052\335\125\220\353\052\021\107\074\056\136\164
\262\202\042\245\175\123\037\105\354\047\221\175\347\042\026\350
\300\150\066\330\306\361\117\200\104\062\371\341\321\321\035\252
\336\250\253\234\004\257\255\040\016\144\230\115\245\153\300\110
\130\226\151\115\334\007\214\121\223\242\337\237\017\075\213\140
\264\202\215\252\010\116\142\105\340\371\013\322\340\340\074\133
\336\134\161\047\045\302\346\003\201\213\020\123\343\307\125\242
\264\237\327\346
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor ECA-1"

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:00:84:82:2c:5f:1c:62:d0:40

# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:33 2016

# Not Valid After : Mon Dec 31 17:28:07 2029

# Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor ECA-1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204
\013\310\170\275
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\047\222\043\035\012\365\100\174\351\346\153\235\330\365\347\154

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014  
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\011\000\204\202\054\137\034\142\320\100

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority RSA"

#

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid

Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157

\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\122\123\101  
END  
CKA\_ID  
UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\122\123\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\010\173\054\233\323\026\200\062\231  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\335\060\202\003\305\240\003\002\001\002\002\010\173  
\054\233\323\026\200\062\231\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\174\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014\005  
\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014\007  
\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012  
\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151\157  
\156\061\061\060\057\006\003\125\004\003\014\050\123\123\114\056  
\143\157\155\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\122\123\101\060\036\027\015\061\066\060\062\061\062\061\067  
\063\071\063\071\132\027\015\064\061\060\062\061\062\061\067\063  
\071\063\071\132\060\174\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\061\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157  
\155\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\371\017\335\243\053\175\313\320\052\376\354\147\205  
\246\347\056\033\272\167\341\343\365\257\244\354\372\112\135\221  
\304\127\107\153\030\167\153\166\362\375\223\344\075\017\302\026  
\236\013\146\303\126\224\236\027\203\205\316\126\357\362\026\375  
\000\142\365\042\011\124\350\145\027\116\101\271\340\117\106\227  
\252\033\310\270\156\142\136\151\261\137\333\052\002\176\374\154  
\312\363\101\330\355\320\350\374\077\141\110\355\260\003\024\035

\020\016\113\031\340\273\116\354\206\145\377\066\363\136\147\002  
\013\235\206\125\141\375\172\070\355\376\342\031\000\267\157\241  
\120\142\165\164\074\240\372\310\045\222\264\156\172\042\307\370  
\036\241\343\262\335\221\061\253\053\035\004\377\245\112\004\067  
\351\205\244\063\053\375\342\326\125\064\174\031\244\112\150\307  
\262\250\323\267\312\241\223\210\353\301\227\274\214\371\035\331  
\042\204\044\164\307\004\075\152\251\051\223\314\353\270\133\341  
\376\137\045\252\064\130\310\301\043\124\235\033\230\021\303\070  
\234\176\075\206\154\245\017\100\206\174\002\364\134\002\117\050  
\313\256\161\237\017\072\310\063\376\021\045\065\352\374\272\305  
\140\075\331\174\030\325\262\251\323\165\170\003\162\042\312\072  
\303\037\357\054\345\056\251\372\236\054\266\121\106\375\257\003  
\326\352\140\150\352\205\026\066\153\205\351\036\300\263\335\304  
\044\334\200\052\201\101\155\224\076\310\340\311\201\101\000\236  
\136\277\177\305\010\230\242\030\054\102\100\263\371\157\070\047  
\113\116\200\364\075\201\107\340\210\174\352\034\316\265\165\134  
\121\056\034\053\177\032\162\050\347\000\265\321\164\306\327\344  
\237\255\007\223\266\123\065\065\374\067\344\303\366\135\026\276  
\041\163\336\222\012\370\240\143\152\274\226\222\152\076\370\274  
\145\125\233\336\365\015\211\046\004\374\045\032\246\045\151\313  
\302\155\312\174\342\131\137\227\254\353\357\056\310\274\327\033  
\131\074\053\314\362\031\310\223\153\047\143\031\317\374\351\046  
\370\312\161\233\177\223\376\064\147\204\116\231\353\374\263\170  
\011\063\160\272\146\246\166\355\033\163\353\032\245\015\304\042  
\023\040\224\126\012\116\054\154\116\261\375\317\234\011\272\242  
\063\355\207\002\003\001\000\001\243\143\060\141\060\035\006\003  
\125\035\016\004\026\004\024\335\004\011\007\242\365\172\175\122  
\123\022\222\225\356\070\200\045\015\246\131\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\335\004\011\007\242\365\172  
\175\122\123\022\222\225\356\070\200\045\015\246\131\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\040\030\021\224\051\373\046\235\034\036\036\160\141\361\225  
\162\223\161\044\255\150\223\130\216\062\257\033\263\160\003\374  
\045\053\164\205\220\075\170\152\364\271\213\245\227\073\265\030  
\221\273\036\247\371\100\133\221\371\125\231\257\036\021\320\134  
\035\247\146\343\261\224\007\014\062\071\246\352\033\260\171\330  
\035\234\160\104\343\212\335\304\371\225\037\212\070\103\077\001  
\205\245\107\247\075\106\262\274\345\042\150\367\173\234\330\054  
\076\012\041\310\055\063\254\277\305\201\231\061\164\301\165\161  
\305\276\261\360\043\105\364\235\153\374\031\143\235\243\274\004  
\306\030\013\045\273\123\211\017\263\200\120\336\105\356\104\177  
\253\224\170\144\230\323\366\050\335\207\330\160\145\164\373\016  
\271\023\353\247\017\141\251\062\226\314\336\273\355\143\114\030  
\273\251\100\367\240\124\156\040\210\161\165\030\352\172\264\064  
\162\340\043\047\167\134\266\220\352\206\045\100\253\357\063\017  
\313\237\202\276\242\040\373\366\265\055\032\346\302\205\261\164

```
\017\373\310\145\002\244\122\001\107\335\111\042\301\277\330\353
\153\254\176\336\354\143\063\025\267\043\010\217\306\017\215\101
\132\335\216\305\271\217\345\105\077\170\333\272\322\033\100\261
\376\161\115\077\340\201\242\272\136\264\354\025\340\223\335\010
\037\176\341\125\231\013\041\336\223\236\012\373\346\243\111\275
\066\060\376\347\167\262\240\165\227\265\055\201\210\027\145\040
\367\332\220\000\237\311\122\314\062\312\065\174\365\075\017\330
\053\327\365\046\154\311\006\064\226\026\352\160\131\032\062\171
\171\013\266\210\177\017\122\110\075\277\154\330\242\104\056\321
\116\267\162\130\323\211\023\225\376\104\253\370\327\213\033\156
\234\274\054\240\133\325\152\000\257\137\067\341\325\372\020\013
\230\234\206\347\046\217\316\360\354\156\212\127\013\200\343\116
\262\300\240\143\141\220\272\125\150\067\164\152\266\222\333\237
\241\206\042\266\145\047\016\354\266\237\102\140\344\147\302\265
\332\101\013\304\323\213\141\033\274\372\037\221\053\327\104\007
\136\272\051\254\331\305\351\357\123\110\132\353\200\361\050\130
\041\315\260\006\125\373\047\077\123\220\160\251\004\036\127\047
\271
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for

"SSL.com Root Certification Authority RSA"

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\267\253\063\010\321\352\104\167\272\024\200\022\132\157\275\251
\066\111\014\273
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\206\151\022\300\160\361\354\254\254\302\325\274\245\133\241\051
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\010\173\054\233\323\026\200\062\231
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority ECC"

#

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:75:e6:df:cb:c1:68:5b:a8

#

Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:14:03 2016

# Not Valid After : Tue Feb 12 18:14:03 2041

# Fingerprint (SHA-256):

34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65

# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority ECC"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\105\103\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\165\346\337\313\301\150\133\250

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165  
\346\337\313\301\150\133\250\060\012\006\010\052\206\110\316\075  
\004\003\002\060\174\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170  
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165  
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123  
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\061  
\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157\155  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103  
\103\060\036\027\015\061\066\060\062\061\062\061\070\061\064\060\063  
\063\132\027\015\064\061\060\062\061\062\061\070\061\064\060\063  
\132\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057  
\006\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\105\156\251\120\304\246\043\066\236  
\137\050\215\027\313\226\042\144\077\334\172\216\035\314\010\263  
\242\161\044\272\216\111\271\004\033\107\226\130\253\055\225\310  
\355\236\010\065\310\047\353\211\214\123\130\353\142\212\376\360  
\133\017\153\061\122\143\101\073\211\315\354\354\266\215\031\323  
\064\007\334\273\306\006\177\302\105\225\354\313\177\250\043\340  
\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125  
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216  
\002\222\373\345\244\321\304\041\350\315\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\202\321\205\163\060\347\065\004  
\323\216\002\222\373\345\244\321\304\041\350\315\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\012\006\010  
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157



```
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023
\221\334\355\345\374\120\153\021\106\106\263\034\041\000\142\273
\276\303\347\350\315\007\231\371\015\013\135\162\076\304\252\002
\060\037\274\272\013\342\060\044\373\174\155\200\125\012\231\076
\200\015\063\345\146\243\263\243\273\245\325\213\217\011\054\246
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152
\145
END
```

```
CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com Root Certification Authority ECC"
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03
2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65
# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\303\031\174\071\044\346\124\257\033\304\253\040\225\172\342\303
\016\023\002\152
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END
```

```
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com EV Root Certification Authority RSA R2"
#
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
#
Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END

```

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\010\126\266\051\315\064\274\170\366

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126  
\266\051\315\064\274\170\366\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014  
\005\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014  
\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004  
\012\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151  
\157\156\061\067\060\065\006\003\125\004\003\014\056\123\123\114  
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\122\123\101\040\122\062\060\036\027\015\061  
\067\060\065\063\061\061\070\061\064\063\067\132\027\015\064\062  
\060\065\063\060\061\070\061\064\063\067\132\060\201\202\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\016\060\014\006  
\003\125\004\010\014\005\124\145\170\141\163\061\020\060\016\006  
\003\125\004\007\014\007\110\157\165\163\164\157\156\061\030\060  
\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160  
\157\162\141\164\151\157\156\061\067\060\065\006\003\125\004\003  
\014\056\123\123\114\056\143\157\155\040\105\126\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\122\123\101\040\122\062  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\217\066\145\100\341\326\115\300\327\264\351\106\332\153\352  
\063\107\315\114\371\175\175\276\275\055\075\360\333\170\341\206  
\245\331\272\011\127\150\355\127\076\240\320\010\101\203\347\050  
\101\044\037\343\162\025\320\001\032\373\136\160\043\262\313\237  
\071\343\317\305\116\306\222\155\046\306\173\273\263\332\047\235  
\012\206\351\201\067\005\376\360\161\161\354\303\034\351\143\242  
\027\024\235\357\033\147\323\205\125\002\002\326\111\311\314\132  
\341\261\367\157\062\237\311\324\073\210\101\250\234\275\313\253  
\333\155\173\011\037\242\114\162\220\332\053\010\374\317\074\124  
\316\147\017\250\317\135\226\031\013\304\343\162\353\255\321\175  
\035\047\357\222\353\020\277\133\353\073\257\317\200\335\301\322  
\226\004\133\172\176\244\251\074\070\166\244\142\216\240\071\136  
\352\167\317\135\000\131\217\146\054\076\007\242\243\005\046\021  
\151\227\352\205\267\017\226\013\113\310\100\341\120\272\056\212  
\313\367\017\232\042\347\177\232\067\023\315\362\115\023\153\041  
\321\300\314\042\362\241\106\366\104\151\234\312\141\065\007\000  
\157\326\141\010\021\352\272\270\366\351\263\140\345\115\271\354  
\237\024\146\311\127\130\333\315\207\151\370\212\206\022\003\107  
\277\146\023\166\254\167\175\064\044\205\203\315\327\252\234\220  
\032\237\041\054\177\170\267\144\270\330\350\246\364\170\263\125

\313\204\322\062\304\170\256\243\217\141\335\316\010\123\255\354  
\210\374\025\344\232\015\346\237\032\167\316\114\217\270\024\025  
\075\142\234\206\070\006\000\146\022\344\131\166\132\123\300\002  
\230\242\020\053\150\104\173\216\171\316\063\112\166\252\133\201  
\026\033\265\212\330\320\000\173\136\142\264\011\326\206\143\016  
\246\005\225\111\272\050\213\210\223\262\064\034\330\244\125\156  
\267\034\320\336\231\125\073\043\364\042\340\371\051\146\046\354  
\040\120\167\333\112\013\217\276\345\002\140\160\101\136\324\256  
\120\071\042\024\046\313\262\073\163\164\125\107\007\171\201\071  
\250\060\023\104\345\004\212\256\226\023\045\102\017\271\123\304  
\233\374\315\344\034\336\074\372\253\326\006\112\037\147\246\230  
\060\034\335\054\333\334\030\225\127\146\306\377\134\213\126\365  
\167\002\003\001\000\001\243\143\060\141\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\371\140\273\324\343\325\064\366  
\270\365\006\200\045\247\163\333\106\151\250\236\060\035\006\003  
\125\035\016\004\026\004\024\371\140\273\324\343\325\064\366\270  
\365\006\200\045\247\163\333\106\151\250\236\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\126  
\263\216\313\012\235\111\216\277\244\304\221\273\146\027\005\121  
\230\165\373\345\120\054\172\236\361\024\372\253\323\212\076\377  
\221\051\217\143\213\330\264\251\124\001\015\276\223\206\057\371  
\112\155\307\136\365\127\371\312\125\034\022\276\107\017\066\305  
\337\152\267\333\165\302\107\045\177\271\361\143\370\150\055\125  
\004\321\362\215\260\244\317\274\074\136\037\170\347\245\240\040  
\160\260\004\305\267\367\162\247\336\042\015\275\063\045\106\214  
\144\222\046\343\076\056\143\226\332\233\214\075\370\030\011\327  
\003\314\175\206\202\340\312\004\007\121\120\327\377\222\325\014  
\357\332\206\237\231\327\353\267\257\150\342\071\046\224\272\150  
\267\277\203\323\352\172\147\075\142\147\256\045\345\162\350\342  
\344\354\256\022\366\113\053\074\237\351\260\100\363\070\124\263  
\375\267\150\310\332\306\217\121\074\262\373\221\334\034\347\233  
\235\341\267\015\162\217\342\244\304\251\170\371\353\024\254\306  
\103\005\302\145\071\050\030\002\303\202\262\235\005\276\145\355  
\226\137\145\164\074\373\011\065\056\173\234\023\375\033\017\135  
\307\155\201\072\126\017\314\073\341\257\002\057\042\254\106\312  
\106\074\240\034\114\326\104\264\136\056\134\025\146\011\341\046  
\051\376\306\122\141\272\261\163\377\303\014\234\345\154\152\224  
\077\024\312\100\026\225\204\363\131\251\254\137\114\141\223\155  
\321\073\314\242\225\014\042\246\147\147\104\056\271\331\322\212  
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\233\203  
\224\056\321\077\337\222\267\221\257\005\073\145\307\240\154\261  
\315\142\022\303\220\033\343\045\316\064\274\157\167\166\261\020  
\303\367\005\032\300\326\257\164\142\110\027\167\222\151\220\141  
\034\336\225\200\164\124\217\030\034\303\363\003\320\277\244\103  
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042  
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065

```
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073
\230\245\161\323\124\023\331\140\363\365\113\146\117\372\361\356
\040\022\215\264\254\127\261\105\143\241\254\166\251\302\373
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com EV Root Certification Authority

RSA R2"

# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:56:b6:29:cd:34:bc:78:f6

# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL

Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Wed May 31 18:14:37 2017

# Not Valid After : Fri May 30 18:14:37 2042

# Fingerprint (SHA-256):

2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C

# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173
```

```
\174\056\304\232
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
```

```
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
```

```
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
```

```
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
```

```
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
```

```
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
```

```
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
```

```
\123\101\040\122\062
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\010\126\266\051\315\064\274\170\366
```

END

```

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com EV Root Certification Authority ECC"
#
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
#
Serial Number:2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:15:23 2016
# Not Valid After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

```

\002\010\054\051\234\133\026\355\005\225

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\224\060\202\002\032\240\003\002\001\002\002\010\054  
\051\234\133\026\355\005\225\060\012\006\010\052\206\110\316\075  
\004\003\002\060\177\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170  
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165  
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123  
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064  
\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157\155  
\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070  
\061\065\062\063\132\027\015\064\061\060\062\061\062\061\070\061  
\065\062\063\132\060\177\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\064\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157  
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\252\022\107  
\220\230\033\373\357\303\100\007\203\040\116\361\060\202\242\006  
\321\362\222\206\141\362\366\041\150\312\000\304\307\352\103\000  
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336  
\037\231\324\314\305\007\310\010\037\141\026\007\121\075\175\134  
\007\123\343\065\070\214\337\315\237\331\056\015\112\266\031\056  
\132\160\132\006\355\276\360\241\260\312\320\011\051\243\143\060  
\141\060\035\006\003\125\035\016\004\026\004\024\133\312\136\345  
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\037\006\003\125\035\043\004\030\060\026\200\024\133\312  
\136\345\336\322\201\252\315\250\055\144\121\266\331\162\233\227  
\346\117\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\012\006\010\052\206\110\316\075\004\003\002\003\150  
\000\060\145\002\061\000\212\346\100\211\067\353\351\325\023\331  
\312\324\153\044\363\260\075\207\106\130\032\354\261\337\157\373  
\126\272\160\153\307\070\314\350\261\214\117\017\367\361\147\166  
\016\203\320\036\121\217\002\060\075\366\043\050\046\114\306\140  
\207\223\046\233\262\065\036\272\326\367\074\321\034\316\372\045  
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250  
\371\007\340\142\232\214\134\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

```

CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com EV Root Certification Authority ECC"
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority
ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:15:23 2016
# Not Valid After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\114\335\121\243\321\365\040\062\024\260\306\305\062\043\003\221
\307\106\102\155
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R6"

```



```
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
#
Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\203\060\202\003\153\240\003\002\001\002\002\016\105
\346\273\003\203\063\303\205\145\110\346\377\105\121\060\015\006
\011\052\206\110\206\367\015\001\001\014\005\000\060\114\061\040
\060\036\006\003\125\004\013\023\027\107\154\157\142\141\154\123
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\122\066
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\064
\061\062\061\060\060\060\060\060\060\060\060\132\027\015\063\064\061
\062\061\060\060\060\060\060\060\060\132\060\114\061\040\060\036
\006\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101\040\055\040\122\066\061\023
```

\060\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123  
\151\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154  
\157\142\141\154\123\151\147\156\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\225\007\350\163\312\146\371  
\354\024\312\173\074\367\015\010\361\264\105\013\054\202\264\110  
\306\353\133\074\256\203\270\101\222\063\024\244\157\177\351\052  
\314\306\260\210\153\305\266\211\321\306\262\377\024\316\121\024  
\041\354\112\335\033\132\306\326\207\356\115\072\025\006\355\144  
\146\013\222\200\312\104\336\163\224\116\363\247\211\177\117\170  
\143\010\310\022\120\155\102\146\057\115\271\171\050\115\122\032  
\212\032\200\267\031\201\016\176\304\212\274\144\114\041\034\103  
\150\327\075\074\212\305\262\146\325\220\232\267\061\006\305\276  
\342\155\062\006\246\036\371\271\353\252\243\270\277\276\202\143  
\120\320\360\030\211\337\344\017\171\365\352\242\037\052\322\160  
\056\173\347\274\223\273\155\123\342\110\174\214\020\007\070\377  
\146\262\167\141\176\340\352\214\074\252\264\244\366\363\225\112  
\022\007\155\375\214\262\211\317\320\240\141\167\310\130\164\260  
\324\043\072\367\135\072\312\242\333\235\011\336\135\104\055\220  
\361\201\315\127\222\372\176\274\120\004\143\064\337\153\223\030  
\276\153\066\262\071\344\254\044\066\267\360\357\266\034\023\127  
\223\266\336\262\370\342\205\267\163\242\270\065\252\105\362\340  
\235\066\241\157\124\212\361\162\126\156\056\210\305\121\102\104  
\025\224\356\243\305\070\226\233\116\116\132\013\107\363\006\066  
\111\167\060\274\161\067\345\246\354\041\010\165\374\346\141\026  
\077\167\325\331\221\227\204\012\154\324\002\115\164\300\024\355  
\375\071\373\203\362\136\024\241\004\260\013\351\376\356\217\341  
\156\013\262\010\263\141\146\011\152\261\006\072\145\226\131\300  
\360\065\375\311\332\050\215\032\021\207\160\201\012\250\232\165  
\035\236\072\206\005\000\236\333\200\326\045\371\334\005\236\047  
\131\114\166\071\133\352\371\245\241\330\203\017\321\377\337\060  
\021\371\205\317\063\110\365\312\155\144\024\054\172\130\117\323  
\113\010\111\305\225\144\032\143\016\171\075\365\263\214\312\130  
\255\234\102\105\171\156\016\207\031\134\124\261\145\266\277\214  
\233\334\023\351\015\157\270\056\334\147\156\311\213\021\265\204  
\024\212\000\031\160\203\171\221\227\221\324\032\047\277\067\036  
\062\007\330\024\143\074\050\114\257\002\003\001\000\001\243\143  
\060\141\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\256\154  
\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310\147  
\123\240\060\037\006\003\125\035\043\004\030\060\026\200\024\256  
\154\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310  
\147\123\240\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\003\202\002\001\000\203\045\355\350\321\375\225\122\315  
\236\300\004\240\221\151\346\134\320\204\336\334\255\242\117\350  
\107\170\326\145\230\251\133\250\074\207\174\002\212\321\156\267  
\026\163\346\137\300\124\230\325\164\276\301\315\342\021\221\255

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\043\030\075\335\341\162\104\226\264\225\136\300\173\216\231\170
\026\103\023\126\127\263\242\263\073\265\167\334\100\162\254\243
\353\233\065\076\261\010\041\241\347\304\103\067\171\062\276\265
\347\234\054\114\274\103\051\231\216\060\323\254\041\340\343\035
\372\330\007\063\166\124\000\042\052\271\115\040\056\160\150\332
\345\123\374\203\134\323\235\362\377\104\014\104\146\362\322\343
\275\106\000\032\155\002\272\045\135\215\241\061\121\335\124\106
\034\115\333\231\226\357\032\034\004\134\246\025\357\170\340\171
\376\135\333\076\252\114\125\375\232\025\251\157\341\246\373\337
\160\060\351\303\356\102\106\355\302\223\005\211\372\175\143\173
\077\320\161\201\174\000\350\230\256\016\170\064\303\045\373\257
\012\237\040\153\335\073\023\217\022\214\342\101\032\110\172\163
\240\167\151\307\266\134\177\202\310\036\376\130\033\050\053\250
\154\255\136\155\300\005\322\173\267\353\200\376\045\067\376\002
\233\150\254\102\135\303\356\365\314\334\360\120\165\322\066\151
\234\346\173\004\337\156\006\151\266\336\012\011\110\131\207\353
\173\024\140\172\144\252\151\103\357\221\307\114\354\030\335\154
\357\123\055\214\231\341\136\362\162\076\317\124\310\275\147\354
\244\017\114\105\377\323\271\060\043\007\114\217\020\277\206\226
\331\231\132\264\231\127\034\244\314\273\025\211\123\272\054\005
\017\344\304\236\031\261\030\064\325\114\235\272\355\367\037\257
\044\225\004\170\250\003\273\356\201\345\332\137\174\213\112\241
\220\164\045\247\263\076\113\310\054\126\275\307\310\357\070\342
\134\222\360\171\367\234\204\272\164\055\141\001\040\176\176\321
\362\117\007\131\137\213\055\103\122\353\106\014\224\341\365\146
\107\171\167\325\124\133\037\255\044\067\313\105\132\116\240\104
\110\310\330\260\231\305\025\204\011\366\326\111\111\300\145\270
\346\032\161\156\240\250\361\202\350\105\076\154\326\002\327\012
\147\203\005\132\311\244\020
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER

CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Root CA - R6"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6

# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6

# Not Valid Before: Wed Dec 10 00:00:00 2014

# Not Valid After : Sun Dec 10 00:00:00 2034

# Fingerprint (SHA-256):

2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69

# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
END
CKA_ISSUER
MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GC CA"
#
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea
# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before:
Tue May 09 09:48:34 2017
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144

```

\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_ID UTF8

"0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055  
\072\352

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\151\060\202\001\357\240\003\002\001\002\002\020\041  
\052\126\014\256\332\014\253\100\105\277\053\242\055\072\352\060  
\012\006\010\052\206\110\316\075\004\003\003\060\155\061\013\060  
\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003  
\125\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040  
\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165  
\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144  
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105  
\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040  
\122\157\157\164\040\107\103\040\103\101\060\036\027\015\061\067  
\060\065\060\071\060\071\064\070\063\064\132\027\015\064\062\060  
\065\060\071\060\071\065\070\063\063\132\060\155\061\013\060\011  
\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003\125  
\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040\006  
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156  
\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061  
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040  
\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122  
\157\157\164\040\107\103\040\103\101\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\114\351\120\300\306\017\162\030\274\330\361\272\263\211\342  
\171\112\243\026\247\153\124\044\333\121\377\352\364\011\044\303  
\013\042\237\313\152\047\202\201\015\322\300\257\061\344\164\202  
\156\312\045\331\214\165\235\361\333\320\232\242\113\041\176\026  
\247\143\220\322\071\324\261\207\170\137\030\226\017\120\033\065  
\067\017\152\306\334\331\023\115\244\216\220\067\346\275\133\061  
\221\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004

```
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\110\207\024\254\343\303\236\220\140\072\327\312\211\356\323
\255\214\264\120\146\060\020\006\011\053\006\001\004\001\202\067
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\060\046\307\151\133\334\325
\347\262\347\310\014\214\214\303\335\171\214\033\143\325\311\122
\224\116\115\202\112\163\036\262\200\204\251\045\300\114\132\155
\111\051\140\170\023\342\176\110\353\144\002\061\000\333\064\040
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\215
\032\077\213\327\340\242\066\206\034\007\202\072\166\123\375\302
\242\355\357\173\260\200\117\130\017\113\123\071\275
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GC CA"

# Issuer: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

# Subject: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Tue May 09 09:48:34 2017

# Not Valid After : Fri May 09 09:58:33 2042

# Fingerprint (SHA-256):

85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D

# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

UTF8 "OISTE WISEKey Global Root GC CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\251\326\271\055\057\223\144\370\245\151\312\221\351\150\007\043
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING
CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c5:4b:47:0c:0d:ec:33:d0:89:b9:1c:f4:e1
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
2A:57:54:71:E3:13:40:BC:21:58:1C:BD:2C:F1:3E:15:84:63:20:3E:CE:94:BC:F9:D3:CC:19:6B:F0:9A:54:72
# Fingerprint (SHA1): E1:C9:50:E6:EF:22:F8:4C:56:45:72:8B:92:20:60:D7:D5:A7:A3:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\305\113\107\014\015\354\063\320\211\271\034
\364\341
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\156  
\107\251\305\113\107\014\015\354\063\320\211\271\034\364\341\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060  
\040\006\003\125\004\012\023\031\107\157\157\147\154\145\040\124  
\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114  
\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040  
\122\157\157\164\040\122\061\060\036\027\015\061\066\060\066\062  
\062\060\060\060\060\060\060\132\027\015\063\066\060\066\062\062  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023  
\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123\145  
\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003  
\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122\061  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\266\021\002\213\036\343\241\167\233\073\334\277\224\076\267  
\225\247\100\074\241\375\202\371\175\062\006\202\161\366\366\214  
\177\373\350\333\274\152\056\227\227\243\214\113\371\053\366\261  
\371\316\204\035\261\371\305\227\336\357\271\362\243\351\274\022  
\211\136\247\252\122\253\370\043\047\313\244\261\234\143\333\327  
\231\176\360\012\136\353\150\246\364\306\132\107\015\115\020\063  
\343\116\261\023\243\310\030\154\113\354\374\011\220\337\235\144  
\051\045\043\007\241\264\322\075\056\140\340\317\322\011\207\273  
\315\110\360\115\302\302\172\210\212\273\272\317\131\031\326\257  
\217\260\007\260\236\061\361\202\301\300\337\056\246\155\154\031  
\016\265\330\176\046\032\105\003\075\260\171\244\224\050\255\017  
\177\046\345\250\010\376\226\350\074\150\224\123\356\203\072\210  
\053\025\226\011\262\340\172\214\056\165\326\234\353\247\126\144  
\217\226\117\150\256\075\227\302\204\217\300\274\100\300\013\134  
\275\366\207\263\065\154\254\030\120\177\204\340\114\315\222\323  
\040\351\063\274\122\231\257\062\265\051\263\045\052\264\110\371  
\162\341\312\144\367\346\202\020\215\350\235\302\212\210\372\070  
\146\212\374\143\371\001\371\170\375\173\134\167\372\166\207\372  
\354\337\261\016\171\225\127\264\275\046\357\326\001\321\353\026  
\012\273\216\013\265\305\305\212\125\253\323\254\352\221\113\051  
\314\031\244\062\045\116\052\361\145\104\320\002\316\252\316\111  
\264\352\237\174\203\260\100\173\347\103\253\247\154\243\217\175  
\211\201\372\114\245\377\325\216\303\316\113\340\265\330\263\216  
\105\317\166\300\355\100\053\375\123\017\260\247\325\073\015\261  
\212\242\003\336\061\255\314\167\352\157\173\076\326\337\221\042  
\022\346\276\372\330\062\374\020\143\024\121\162\336\135\326\026  
\223\275\051\150\063\357\072\146\354\007\212\046\337\023\327\127  
\145\170\047\336\136\111\024\000\242\000\177\232\250\041\266\251  
\261\225\260\245\271\015\026\021\332\307\154\110\074\100\340\176  
\015\132\315\126\074\321\227\005\271\313\113\355\071\113\234\304  
\077\322\125\023\156\044\260\326\161\372\364\301\272\314\355\033  
\365\376\201\101\330\000\230\075\072\310\256\172\230\067\030\005



\225\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\344\257\053\046\161\032\053\110\047\205  
\057\122\146\054\357\360\211\023\161\076\060\015\006\011\052\206  
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\070\226  
\012\356\075\264\226\036\137\357\235\234\013\063\237\053\340\312  
\375\322\216\012\037\101\164\245\174\252\204\324\345\362\036\346  
\067\122\062\234\013\321\141\035\277\050\301\266\104\051\065\165  
\167\230\262\174\331\275\164\254\212\150\343\251\061\011\051\001  
\140\163\343\107\174\123\250\220\112\047\357\113\327\237\223\347  
\202\066\316\232\150\014\202\347\317\324\020\026\157\137\016\231  
\134\366\037\161\175\357\357\173\057\176\352\066\326\227\160\013  
\025\356\327\134\126\152\063\245\343\111\070\014\270\175\373\215  
\205\244\261\131\136\364\152\341\335\241\366\144\104\256\346\121  
\203\041\146\306\021\076\363\316\107\356\234\050\037\045\332\377  
\254\146\225\335\065\017\134\357\040\054\142\375\221\272\251\314  
\374\132\234\223\201\203\051\227\112\174\132\162\264\071\320\267  
\167\313\171\375\151\072\222\067\355\156\070\145\106\176\351\140  
\275\171\210\227\137\070\022\364\356\257\133\202\310\206\325\341  
\231\155\214\004\362\166\272\111\366\156\351\155\036\137\240\357  
\047\202\166\100\370\246\323\130\134\017\054\102\332\102\306\173  
\210\064\307\301\330\105\233\301\076\305\141\035\331\143\120\111  
\366\064\205\152\340\030\305\156\107\253\101\102\051\233\366\140  
\015\322\061\323\143\230\043\223\132\000\201\110\264\357\315\212  
\315\311\317\231\356\331\236\252\066\341\150\113\161\111\024\066  
\050\072\075\035\316\232\217\045\346\200\161\141\053\265\173\314  
\371\045\026\201\341\061\137\241\243\176\026\244\234\026\152\227  
\030\275\166\162\245\013\236\035\066\346\057\241\057\276\160\221  
\017\250\346\332\370\304\222\100\154\045\176\173\263\011\334\262  
\027\255\200\104\360\150\245\217\224\165\377\164\132\350\250\002  
\174\014\011\342\251\113\013\240\205\013\142\271\357\241\061\222  
\373\357\366\121\004\211\154\350\251\164\241\273\027\263\265\375  
\111\017\174\074\354\203\030\040\103\116\325\223\272\264\064\261  
\037\026\066\037\014\346\144\071\026\114\334\340\376\035\310\251  
\142\075\100\352\312\305\064\002\264\256\211\210\063\065\334\054  
\023\163\330\047\361\320\162\356\165\073\042\336\230\150\146\133  
\361\306\143\107\125\034\272\245\010\121\165\246\110\045

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R1"

# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c5:4b:47:0c:0d:ec:33:d0:89:b9:1c:f4:e1

# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US

```

# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
2A:57:54:71:E3:13:40:BC:21:58:1C:BD:2C:F1:3E:15:84:63:20:3E:CE:94:BC:F9:D3:CC:19:6B:F0:9A:54:72
# Fingerprint (SHA1): E1:C9:50:E6:EF:22:F8:4C:56:45:72:8B:92:20:60:D7:D5:A7:A3:E8
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root
R1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\341\311\120\346\357\042\370\114\126\105\162\213\222\040\140\327
\325\247\243\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\202\032\357\324\322\112\362\237\342\075\227\006\024\160\162\205
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\305\113\107\014\015\354\063\320\211\271\034
\364\341
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R2"
#
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c6:5a:b3:e7:20:c5:30:9a:3f:68:52:f2:6f
#
Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
C4:5D:7B:B0:8E:6D:67:E6:2E:42:35:11:0B:56:4E:5F:78:FD:92:EF:05:8C:84:0A:EA:4E:64:55:D7:58:5C:60
# Fingerprint (SHA1): D2:73:96:2A:2A:5E:39:9F:73:3F:E1:C7:1E:64:3F:03:38:34:FC:4D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\156\107\251\306\132\263\347\040\305\060\232\077\150\122
\362\157
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\156
\107\251\306\132\263\347\040\305\060\232\077\150\122\362\157\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\107
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060
\040\006\003\125\004\012\023\031\107\157\157\147\154\145\040\124
\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114
\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040
\122\157\157\164\040\122\062\060\036\027\015\061\066\060\066\062
\062\060\060\060\060\060\060\132\027\015\063\066\060\066\062\062
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023
\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123\145
\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003
\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122\062
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\316\336\375\246\373\354\354\024\064\074\007\006\132\154\131
\367\031\065\335\367\301\235\125\252\323\315\073\244\223\162\357
\012\372\155\235\366\360\205\200\133\241\110\122\237\071\305\267
\356\050\254\357\313\166\150\024\271\337\255\001\154\231\037\304
\042\035\237\376\162\167\340\054\133\257\344\004\277\117\162\240
\032\064\230\350\071\150\354\225\045\173\166\241\346\151\271\205
\031\275\211\214\376\255\355\066\352\163\274\377\203\342\313\175
```

\301\322\316\112\263\215\005\236\213\111\223\337\301\133\320\156  
\136\360\056\060\056\202\374\372\274\264\027\012\110\345\210\233  
\305\233\153\336\260\312\264\003\360\332\364\220\270\145\144\367  
\134\114\255\350\176\146\136\231\327\270\302\076\310\320\023\235  
\255\356\344\105\173\211\125\367\212\037\142\122\204\022\263\302  
\100\227\343\212\037\107\221\246\164\132\322\370\261\143\050\020  
\270\263\011\270\126\167\100\242\046\230\171\306\376\337\045\356  
\076\345\240\177\324\141\017\121\113\074\077\214\332\341\160\164  
\330\302\150\241\371\301\014\351\241\342\177\273\125\074\166\006  
\356\152\116\314\222\210\060\115\232\275\117\013\110\232\204\265  
\230\243\325\373\163\301\127\141\335\050\126\165\023\256\207\216  
\347\014\121\011\020\165\210\114\274\215\371\173\074\324\042\110  
\037\052\334\353\153\273\104\261\313\063\161\062\106\257\255\112  
\361\214\350\164\072\254\347\032\042\163\200\322\060\367\045\102  
\307\042\073\073\022\255\226\056\306\303\166\007\252\040\267\065  
\111\127\351\222\111\350\166\026\162\061\147\053\226\176\212\243  
\307\224\126\042\277\152\113\176\001\041\262\043\062\337\344\232  
\104\155\131\133\135\365\000\240\034\233\306\170\227\215\220\377  
\233\310\252\264\257\021\121\071\136\331\373\147\255\325\133\021  
\235\062\232\033\275\325\272\133\245\311\313\045\151\123\125\047  
\134\340\312\066\313\210\141\373\036\267\320\313\356\026\373\323  
\246\114\336\222\245\324\342\337\365\006\124\336\056\235\113\264  
\223\060\252\201\316\335\032\334\121\163\015\117\160\351\345\266  
\026\041\031\171\262\346\211\013\165\144\312\325\253\274\011\301  
\030\241\377\324\124\241\205\074\375\024\044\003\262\207\323\244  
\267\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\273\377\312\216\043\237\117\231\312\333  
\342\150\246\245\025\047\027\036\331\016\060\015\006\011\052\206  
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\266\151  
\360\246\167\376\236\356\013\201\255\341\300\251\307\371\065\035  
\100\202\253\346\004\264\337\313\367\035\017\203\360\176\023\115  
\215\214\356\343\063\042\303\071\374\100\337\156\101\113\102\123  
\276\026\210\361\322\070\136\304\150\231\034\230\122\223\214\347  
\150\355\033\152\163\172\005\100\115\177\145\073\326\130\361\316  
\203\107\140\343\377\227\251\234\140\167\030\125\265\176\010\223  
\317\320\366\074\147\003\025\141\011\371\201\171\365\354\123\244  
\237\311\217\001\213\163\304\167\166\334\203\242\365\014\111\032  
\250\166\336\222\233\144\370\263\054\305\047\323\007\300\010\200  
\244\230\222\343\001\226\002\252\002\356\217\073\305\321\155\012  
\063\060\163\170\271\117\124\026\277\013\007\241\244\134\346\313  
\311\134\204\217\017\340\025\167\054\176\046\176\332\304\113\333  
\247\026\167\007\260\315\165\350\162\102\326\225\204\235\206\203  
\362\344\220\315\011\107\324\213\003\160\332\132\306\003\102\364  
\355\067\242\360\033\120\124\113\016\330\204\336\031\050\231\201  
\107\256\011\033\077\110\321\303\157\342\260\140\027\365\356\043  
\002\245\332\000\133\155\220\253\356\242\351\033\073\351\307\104

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\047\105\216\153\237\365\244\204\274\167\371\153\227\254\076\121
\105\242\021\246\314\205\356\012\150\362\076\120\070\172\044\142
\036\027\040\067\155\152\115\267\011\233\311\374\244\130\365\266
\373\234\116\030\273\225\002\347\241\255\233\007\356\066\153\044
\322\071\206\301\223\203\120\322\201\106\250\137\142\127\054\273
\154\144\210\010\156\357\023\124\137\335\055\304\147\143\323\317
\211\067\277\235\040\364\373\172\203\233\240\036\201\000\120\302
\344\014\042\131\122\020\355\103\126\207\000\370\024\122\247\035
\213\223\214\242\115\106\177\047\306\161\233\044\336\344\332\206
\213\015\176\153\040\301\300\236\341\145\330\152\243\246\350\205
\213\072\007\010\034\272\365\217\125\232\030\165\176\345\354\201
\146\321\041\163\241\065\104\013\200\075\133\234\136\157\052\027
\226\321\203\043\210\146\155\346\206\342\160\062\057\122\042\347
\310\347\177\304\054\140\135\057\303\257\236\105\005\303\204\002
\267\375\054\010\122\117\202\335\243\360\324\206\011\002
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R2"

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c6:5a:b3:e7:20:c5:30:9a:3f:68:52:f2:6f

# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

C4:5D:7B:B0:8E:6D:67:E6:2E:42:35:11:0B:56:4E:5F:78:FD:92:EF:05:8C:84:0A:EA:4E:64:55:D7:58:5C:60

# Fingerprint (SHA1): D2:73:96:2A:2A:5E:39:9F:73:3F:E1:C7:1E:64:3F:03:38:34:FC:4D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GTS Root R2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\322\163\226\052\052\136\071\237\163\077\341\307\036\144\077\003
\070\064\374\115
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\104\355\232\016\244\011\073\000\362\256\114\243\306\141\260\213
```

END

CKA\_ISSUER

MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
```

```

\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\306\132\263\347\040\305\060\232\077\150\122
\362\157
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c7:6c:a9:73:24:40:89:0f:03:55:dd:8d:1d
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint
(SHA-256):
15:D5:B8:77:46:19:EA:7D:54:CE:1C:A6:D0:B0:C4:03:E0:37:A9:17:F1:31:E8:A0:4E:1E:6B:7A:71:BA:BC:E5
# Fingerprint (SHA1): 30:D4:24:6F:07:FF:DB:91:89:8A:0B:E9:49:66:11:EB:8C:5E:46:E5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\020\156\107\251\307\154\251\163\044\100\211\017\003\125\335
\215\035

```

END

CKA\_VALUE MULTILINE\_OCTAL

```
\060\202\002\014\060\202\001\221\240\003\002\001\002\002\020\156
\107\251\307\154\251\163\044\100\211\017\003\125\335\215\035\060
\012\006\010\052\206\110\316\075\004\003\003\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\063\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\063\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\037\117\063\207\063\051\212\241\204\336\313
\307\041\130\101\211\352\126\235\053\113\205\306\035\114\047\274
\177\046\121\162\157\342\237\326\243\312\314\105\024\106\213\255
\357\176\206\214\354\261\176\057\377\251\161\235\030\204\105\004
\101\125\156\053\352\046\177\273\220\001\343\113\031\272\344\124
\226\105\011\261\325\154\221\104\255\204\023\216\232\214\015\200
\014\062\366\340\047\243\102\060\100\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\301\361\046\272\240\055\256\205\201\317\323
\361\052\022\275\270\012\147\375\274\060\012\006\010\052\206\110
\316\075\004\003\003\003\151\000\060\146\002\061\000\200\133\244
\174\043\300\225\245\054\334\276\211\157\043\271\243\335\145\000
\122\136\221\254\310\235\162\164\202\123\013\175\251\100\275\150
\140\305\341\270\124\073\301\066\027\045\330\301\275\002\061\000
\236\065\222\164\205\045\121\365\044\354\144\122\044\120\245\037
\333\350\313\311\166\354\354\202\156\365\205\030\123\350\270\343
\232\051\252\226\323\203\043\311\244\173\141\263\314\002\350\135
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R3"

# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c7:6c:a9:73:24:40:89:0f:03:55:dd:8d:1d

# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

```

15:D5:B8:77:46:19:EA:7D:54:CE:1C:A6:D0:B0:C4:03:E0:37:A9:17:F1:31:E8:A0:4E:1E:6B:7A:71:BA:BC:E5
# Fingerprint (SHA1): 30:D4:24:6F:07:FF:DB:91:89:8A:0B:E9:49:66:11:EB:8C:5E:46:E5
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\324\044\157\007\377\333\221\211\212\013\351\111\146\021\353
\214\136\106\345
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\032\171\133\153\004\122\234\135\307\164\063\033\045\232\371\045
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\307\154\251\163\044\100\211\017\003\125\335
\215\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R4"
#
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c8:8b:94:b6:e8:bb:3b:2a:d8:a2:b2:c1:99
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
71:CC:A5:39:1F:9E:79:4B:04:80:25:30:B3:63:E1:21:DA:8A:30:43:BB:26:66:2F:EA:4D:CA:7F:C9:51:A4:BD
# Fingerprint (SHA1): 2A:1D:60:27:D9:4A:B1:0A:1C:4D:91:5C:CD:33:A0:CB:3E:2D:54:CB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"

```



CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\064

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\156\107\251\310\213\224\266\350\273\073\052\330\242\262  
\301\231

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\012\060\202\001\221\240\003\002\001\002\002\020\156  
\107\251\310\213\224\266\350\273\073\052\330\242\262\301\231\060  
\012\006\010\052\206\110\316\075\004\003\003\060\107\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003  
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163  
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024  
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157  
\164\040\122\064\060\036\027\015\061\066\060\066\062\062\060\060  
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060  
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157  
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151  
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003  
\023\013\107\124\123\040\122\157\157\164\040\122\064\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\363\164\163\247\150\213\140\256\103\270\065  
\305\201\060\173\113\111\235\373\301\141\316\346\336\106\275\153  
\325\141\030\065\256\100\335\163\367\211\221\060\132\353\074\356  
\205\174\242\100\166\073\251\306\270\107\330\052\347\222\221\152  
\163\351\261\162\071\237\051\237\242\230\323\137\136\130\206\145  
\017\241\204\145\006\321\334\213\311\307\163\310\214\152\057\345  
\304\253\321\035\212\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\200\114\326\353\164\377\111\066\243\325\330  
\374\265\076\305\152\360\224\035\214\060\012\006\010\052\206\110

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\316\075\004\003\003\003\147\000\060\144\002\060\152\120\122\164
\010\304\160\334\236\120\164\041\350\215\172\041\303\117\226\156
\025\321\042\065\141\055\372\010\067\356\031\155\255\333\262\314
\175\007\064\365\140\031\054\265\064\331\157\040\002\060\003\161
\261\272\243\140\013\206\355\232\010\152\225\150\237\342\263\341
\223\144\174\136\223\246\337\171\055\215\205\343\224\317\043\135
\161\314\362\260\115\326\376\231\310\224\251\165\242\343
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R4"

# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c8:8b:94:b6:e8:bb:3b:2a:d8:a2:b2:c1:99

#

Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

71:CC:A5:39:1F:9E:79:4B:04:80:25:30:B3:63:E1:21:DA:8A:30:43:BB:26:66:2F:EA:4D:CA:7F:C9:51:A4:BD

# Fingerprint (SHA1): 2A:1D:60:27:D9:4A:B1:0A:1C:4D:91:5C:CD:33:A0:CB:3E:2D:54:CB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GTS Root R4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\052\035\140\047\331\112\261\012\034\115\221\134\315\063\240\313
\076\055\124\313
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\135\266\152\304\140\027\044\152\032\231\250\113\356\136\264\046
```

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\020\156\107\251\310\213\224\266\350\273\073\052\330\242\262
\301\231
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "UCA Global G2 Root"

#

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef

# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 11 00:00:00 2016

# Not Valid After : Mon Dec 31 00:00:00 2040

# Fingerprint (SHA-256):

9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C

# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE

CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "UCA Global G2 Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061

\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165

\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101

\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061

\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165

\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101

\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003

\220\357

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135

\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060

\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\075

\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060

\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164

\061\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107

\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027

\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015

\064\060\061\062\063\061\060\060\060\060\060\060\132\060\075\061  
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017  
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164\061  
\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107\154  
\157\142\141\154\040\107\062\040\122\157\157\164\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\305\346\053  
\157\174\357\046\005\047\243\201\044\332\157\313\001\371\231\232  
\251\062\302\042\207\141\101\221\073\313\303\150\033\006\305\114  
\251\053\301\147\027\042\035\053\355\371\051\211\223\242\170\275  
\222\153\240\243\015\242\176\312\223\263\246\321\214\065\325\165  
\371\027\366\317\105\305\345\172\354\167\223\240\217\043\256\016  
\032\003\177\276\324\320\355\056\173\253\106\043\133\377\054\346  
\124\172\224\300\052\025\360\311\215\260\172\073\044\341\327\150  
\342\061\074\006\063\106\266\124\021\246\245\057\042\124\052\130  
\015\001\002\361\372\025\121\147\154\300\372\327\266\033\177\321  
\126\210\057\032\072\215\073\273\202\021\340\107\000\320\122\207  
\253\373\206\176\017\044\153\100\235\064\147\274\215\307\055\206  
\157\171\076\216\251\074\027\113\177\260\231\343\260\161\140\334  
\013\365\144\303\316\103\274\155\161\271\322\336\047\133\212\350  
\330\306\256\341\131\175\317\050\055\065\270\225\126\032\361\262  
\130\113\267\022\067\310\174\263\355\113\200\341\215\372\062\043  
\266\157\267\110\225\010\261\104\116\205\214\072\002\124\040\057  
\337\277\127\117\073\072\220\041\327\301\046\065\124\040\354\307  
\077\107\354\357\132\277\113\172\301\255\073\027\120\134\142\330  
\017\113\112\334\053\372\156\274\163\222\315\354\307\120\350\101  
\226\327\251\176\155\330\351\035\217\212\265\271\130\222\272\112  
\222\053\014\126\375\200\353\010\360\136\051\156\033\034\014\257  
\217\223\211\255\333\275\243\236\041\312\211\031\354\337\265\303  
\032\353\026\376\170\066\114\326\156\320\076\027\034\220\027\153  
\046\272\373\172\057\277\021\034\030\016\055\163\003\217\240\345  
\065\240\132\342\114\165\035\161\341\071\070\123\170\100\314\203  
\223\327\012\236\235\133\217\212\344\345\340\110\344\110\262\107  
\315\116\052\165\052\173\362\042\366\311\276\011\221\226\127\172  
\210\210\254\356\160\254\371\334\051\343\014\034\073\022\116\104  
\326\247\116\260\046\310\363\331\032\227\221\150\352\357\215\106  
\006\322\126\105\130\232\074\014\017\203\270\005\045\303\071\317  
\073\244\064\211\267\171\022\057\107\305\347\251\227\151\374\246  
\167\147\265\337\173\361\172\145\025\344\141\126\145\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\201\304\214\314\365\344\060\377\245\014\010\137\214\025  
\147\041\164\001\337\337\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\023\145\042\365\216\053  
\255\104\344\313\377\271\150\346\303\200\110\075\004\173\372\043  
\057\172\355\066\332\262\316\155\366\346\236\345\137\130\217\313  
\067\062\241\310\145\266\256\070\075\065\033\076\274\073\266\004

\320\274\371\111\365\233\367\205\305\066\266\313\274\370\310\071  
\325\344\137\007\275\025\124\227\164\312\312\355\117\272\272\144  
\166\237\201\270\204\105\111\114\215\157\242\353\261\314\321\303  
\224\332\104\302\346\342\352\030\350\242\037\047\005\272\327\345  
\326\251\315\335\357\166\230\215\000\016\315\033\372\003\267\216  
\200\130\016\047\077\122\373\224\242\312\136\145\311\326\204\332  
\271\065\161\363\046\300\117\167\346\201\047\322\167\073\232\024  
\157\171\364\366\320\341\323\224\272\320\127\121\275\047\005\015  
\301\375\310\022\060\356\157\215\021\053\010\235\324\324\277\200  
\105\024\232\210\104\332\060\352\264\247\343\356\357\133\202\325  
\076\326\255\170\222\333\134\074\363\330\255\372\270\153\177\304  
\066\050\266\002\025\212\124\054\234\260\027\163\216\320\067\243  
\024\074\230\225\000\014\051\005\133\236\111\111\261\137\307\343  
\313\317\047\145\216\065\027\267\127\310\060\331\101\133\271\024  
\266\350\302\017\224\061\247\224\230\314\152\353\265\341\047\365  
\020\250\001\350\216\022\142\350\210\314\265\177\106\227\300\233  
\020\146\070\032\066\106\137\042\150\075\337\311\306\023\047\253  
\123\006\254\242\074\206\006\145\157\261\176\261\051\104\232\243  
\272\111\151\050\151\217\327\345\137\255\004\206\144\157\032\240  
\014\305\010\142\316\200\243\320\363\354\150\336\276\063\307\027  
\133\177\200\304\114\114\261\246\204\212\303\073\270\011\315\024  
\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310  
\371\130\073\104\117\261\312\002\211\004\226\050\150\305\113\270  
\046\211\273\326\063\057\120\325\376\232\211\272\030\062\222\124  
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262  
\142\041\252\206\100\262\056\144\323\137\310\343\176\021\147\105  
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042  
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327  
\120\037\212\373\006\365\302\031\360\320

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "UCA Global G2 Root"

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef

# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 11 00:00:00 2016

# Not Valid After : Mon Dec 31 00:00:00 2040

# Fingerprint (SHA-256):

9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C

# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A

CKA\_CLASS CK\_OBJECT\_CLASS

CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370
END
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate
# "UCA Extended Validation Root"
#
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164

```

END

CKA\_ID

UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165  
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101  
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141  
\164\151\157\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043  
\160\140

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117  
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060  
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105  
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\164\151  
\157\156\040\122\157\157\164\060\036\027\015\061\065\060\063\061  
\063\060\060\060\060\060\132\027\015\063\070\061\062\063\061  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\103\116\061\021\060\017\006\003\125\004\012\014  
\010\125\156\151\124\162\165\163\164\061\045\060\043\006\003\125  
\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144  
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\251\011\007\050\023\002\260\231\340\144\252\036\103\026\172  
\163\261\221\240\165\076\250\372\343\070\000\172\354\211\152\040  
\017\213\305\260\233\063\003\132\206\306\130\206\325\301\205\273  
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174  
\222\005\353\005\053\232\110\320\270\166\076\226\310\040\273\322  
\260\361\217\330\254\105\106\377\252\147\140\264\167\176\152\037  
\074\032\122\172\004\075\007\074\205\015\204\320\037\166\012\367  
\152\024\337\162\343\064\174\127\116\126\001\076\171\361\252\051  
\073\154\372\370\217\155\115\310\065\337\256\353\334\044\356\171  
\105\247\205\266\005\210\336\210\135\045\174\227\144\147\011\331  
\277\132\025\005\206\363\011\036\354\130\062\063\021\363\167\144  
\260\166\037\344\020\065\027\033\362\016\261\154\244\052\243\163  
\374\011\037\036\062\031\123\021\347\331\263\054\056\166\056\241  
\243\336\176\152\210\011\350\362\007\212\370\262\315\020\347\342  
\163\100\223\273\010\321\077\341\374\013\224\263\045\357\174\246  
\327\321\257\237\377\226\232\365\221\173\230\013\167\324\176\350  
\007\322\142\265\225\071\343\363\361\155\017\016\145\204\212\143

\124\305\200\266\340\236\113\175\107\046\247\001\010\135\321\210  
\236\327\303\062\104\372\202\112\012\150\124\177\070\123\003\314  
\244\000\063\144\121\131\013\243\202\221\172\136\354\026\302\363  
\052\346\142\332\052\333\131\142\020\045\112\052\201\013\107\007  
\103\006\160\207\322\372\223\021\051\172\110\115\353\224\307\160  
\115\257\147\325\121\261\200\040\001\001\264\172\010\246\220\177  
\116\340\357\007\101\207\257\152\245\136\213\373\317\120\262\232  
\124\257\303\211\272\130\055\365\060\230\261\066\162\071\176\111  
\004\375\051\247\114\171\344\005\127\333\224\271\026\123\215\106  
\263\035\225\141\127\126\177\257\360\026\133\141\130\157\066\120  
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020  
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\326\054  
\327\351\157\053\322\112\005\223\374\236\157\153\147\377\210\361  
\116\245\151\112\122\067\005\352\306\026\215\322\304\231\321\202  
\053\073\272\065\165\367\121\121\130\363\310\007\335\344\264\003  
\177\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035  
\016\004\026\004\024\331\164\072\344\060\075\015\367\022\334\176  
\132\005\237\036\064\232\367\341\024\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\066\215  
\227\314\102\025\144\051\067\233\046\054\326\373\256\025\151\054  
\153\032\032\367\137\266\371\007\114\131\352\363\311\310\271\256  
\314\272\056\172\334\300\365\260\055\300\073\257\237\160\005\021  
\152\237\045\117\001\051\160\343\345\014\341\352\132\174\334\111  
\273\301\036\052\201\365\026\113\162\221\310\242\061\271\252\332  
\374\235\037\363\135\100\002\023\374\116\034\006\312\263\024\220  
\124\027\031\022\032\361\037\327\014\151\132\366\161\170\364\224  
\175\221\013\216\354\220\124\216\274\157\241\114\253\374\164\144  
\375\161\232\370\101\007\241\315\221\344\074\232\340\233\062\071  
\163\253\052\325\151\310\170\221\046\061\175\342\307\060\361\374  
\024\170\167\022\016\023\364\335\026\224\277\113\147\173\160\123  
\205\312\260\273\363\070\115\054\220\071\300\015\302\135\153\351  
\342\345\325\210\215\326\054\277\253\033\276\265\050\207\022\027  
\164\156\374\175\374\217\320\207\046\260\033\373\271\154\253\342  
\236\075\025\301\073\056\147\002\130\221\237\357\370\102\037\054  
\267\150\365\165\255\317\265\366\377\021\175\302\360\044\245\255  
\323\372\240\074\251\372\135\334\245\240\357\104\244\276\326\350  
\345\344\023\226\027\173\006\076\062\355\307\267\102\274\166\243  
\330\145\070\053\070\065\121\041\016\016\157\056\064\023\100\341  
\053\147\014\155\112\101\060\030\043\132\062\125\231\311\027\340  
\074\336\366\354\171\255\053\130\031\242\255\054\042\032\225\216  
\276\226\220\135\102\127\304\371\024\003\065\053\034\055\121\127  
\010\247\072\336\077\344\310\264\003\163\302\301\046\200\273\013  
\102\037\255\015\257\046\162\332\314\276\263\243\203\130\015\202  
\305\037\106\121\343\234\030\314\215\233\215\354\111\353\165\120  
\325\214\050\131\312\164\064\332\214\013\041\253\036\352\033\345  
\307\375\025\076\300\027\252\373\043\156\046\106\313\372\371\261



```
\162\153\151\317\042\204\013\142\017\254\331\031\000\224\242\166
\074\324\055\232\355\004\236\055\006\142\020\067\122\034\205\162
\033\047\345\314\306\061\354\067\354\143\131\233\013\035\166\314
\176\062\232\210\225\010\066\122\273\336\166\137\166\111\111\255
\177\275\145\040\262\311\301\053\166\030\166\237\126\261
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN

# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60

# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 13 00:00:00 2015

# Not Valid After : Fri Dec 31 00:00:00 2038

# Fingerprint (SHA-256):

D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24

# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "UCA Extended Validation Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377
\335\360\327\072
```

END

CKA\_CERT\_MD5\_HASH

MULTILINE\_OCTAL

```
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

```

#
# Certificate "Certigna Root CA"
#
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
#
Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\133\060\202\004\103\240\003\002\001\002\002\021\000
\312\351\033\211\361\125\003\015\243\346\101\155\304\343\246\341
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022
\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157\164
\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060\060

```

\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063\066  
\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164\151  
\147\156\141\040\122\157\157\164\040\103\101\060\036\027\015\061  
\063\061\060\060\061\060\070\063\062\062\067\132\027\015\063\063  
\061\060\060\061\060\070\063\062\062\067\132\060\132\061\013\060  
\011\006\003\125\004\006\023\002\106\122\061\022\060\020\006\003  
\125\004\012\014\011\104\150\151\155\171\157\164\151\163\061\034  
\060\032\006\003\125\004\013\014\023\060\060\060\062\040\064\070  
\061\064\066\063\060\070\061\060\060\060\063\066\061\031\060\027  
\006\003\125\004\003\014\020\103\145\162\164\151\147\156\141\040  
\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\315\030\071\145\032\131\261\352  
\144\026\016\214\224\044\225\174\203\323\305\071\046\334\014\357  
\026\127\215\327\330\254\243\102\177\202\312\355\315\133\333\016  
\267\055\355\105\010\027\262\331\263\313\326\027\122\162\050\333  
\216\116\236\212\266\013\371\236\204\232\115\166\336\042\051\134  
\322\263\322\006\076\060\071\251\164\243\222\126\034\241\157\114  
\012\040\155\237\043\172\264\306\332\054\344\035\054\334\263\050  
\320\023\362\114\116\002\111\241\124\100\236\346\345\005\240\055  
\204\310\377\230\154\320\353\212\032\204\010\036\267\150\043\356  
\043\325\160\316\155\121\151\020\356\241\172\302\321\042\061\302  
\202\205\322\362\125\166\120\174\045\172\311\204\134\013\254\335  
\102\116\053\347\202\242\044\211\313\220\262\320\356\043\272\146  
\114\273\142\244\371\123\132\144\173\174\230\372\243\110\236\017  
\225\256\247\030\364\152\354\056\003\105\257\360\164\370\052\315  
\172\135\321\276\104\046\062\051\361\361\365\154\314\176\002\041  
\013\237\157\244\077\276\235\123\342\317\175\251\054\174\130\032  
\227\341\075\067\067\030\146\050\322\100\305\121\212\214\303\055  
\316\123\210\044\130\144\060\026\305\252\340\326\012\246\100\337  
\170\366\365\004\174\151\023\204\274\321\321\247\006\317\001\367  
\150\300\250\127\273\072\141\255\004\214\223\343\255\374\360\333  
\104\155\131\334\111\131\256\254\232\231\066\060\101\173\166\063  
\042\207\243\302\222\206\156\371\160\356\256\207\207\225\033\304  
\172\275\061\363\324\322\345\231\377\276\110\354\165\365\170\026  
\035\246\160\301\177\074\033\241\222\373\317\310\074\326\305\223  
\012\217\365\125\072\166\225\316\131\230\212\011\225\167\062\232  
\203\272\054\004\072\227\275\324\057\276\327\154\233\242\312\175  
\155\046\311\125\325\317\303\171\122\010\011\231\007\044\055\144  
\045\153\246\041\151\233\152\335\164\115\153\227\172\101\275\253  
\027\371\220\027\110\217\066\371\055\325\305\333\356\252\205\105  
\101\372\315\072\105\261\150\346\066\114\233\220\127\354\043\271  
\207\010\302\304\011\361\227\206\052\050\115\342\164\300\332\304  
\214\333\337\342\241\027\131\316\044\131\164\061\332\177\375\060  
\155\331\334\341\152\341\374\137\002\003\001\000\001\243\202\001  
\032\060\202\001\026\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004

\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037\326  
\341\342\171\176\053\060\037\006\003\125\035\043\004\030\060\026  
\200\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037  
\326\341\342\171\176\053\060\104\006\003\125\035\040\004\075\060  
\073\060\071\006\004\125\035\040\000\060\061\060\057\006\010\053  
\006\001\005\005\007\002\001\026\043\150\164\164\160\163\072\057  
\057\167\167\167\167\056\143\145\162\164\151\147\156\141\056\146  
\162\057\141\165\164\157\162\151\164\145\163\057\060\155\006\003  
\125\035\037\004\146\060\144\060\057\240\055\240\053\206\051\150  
\164\164\160\072\057\057\143\162\154\056\143\145\162\164\151\147  
\156\141\056\146\162\057\143\145\162\164\151\147\156\141\162\157  
\157\164\143\141\056\143\162\154\060\061\240\057\240\055\206\053  
\150\164\164\160\072\057\057\143\162\154\056\144\150\151\155\171  
\157\164\151\163\056\143\157\155\057\143\145\162\164\151\147\156  
\141\162\157\157\164\143\141\056\143\162\154\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\224  
\270\236\117\360\343\225\010\042\347\315\150\101\367\034\125\325  
\174\000\342\055\072\211\135\150\070\057\121\042\013\112\215\313  
\351\273\135\076\273\134\075\261\050\376\344\123\125\023\317\241  
\220\033\002\035\137\146\106\011\063\050\341\015\044\227\160\323  
\020\037\352\144\127\226\273\135\332\347\304\214\117\114\144\106  
\035\134\207\343\131\336\102\321\233\250\176\246\211\335\217\034  
\311\060\202\355\073\234\315\300\351\031\340\152\330\002\165\067  
\253\367\064\050\050\221\362\004\012\117\065\343\140\046\001\372  
\320\021\214\371\021\152\356\257\075\303\120\323\217\137\063\171  
\074\206\250\163\105\220\214\040\266\162\163\027\043\276\007\145  
\345\170\222\015\272\001\300\353\214\034\146\277\254\206\167\001  
\224\015\234\346\351\071\215\037\246\121\214\231\014\071\167\341  
\264\233\372\034\147\127\157\152\152\216\251\053\114\127\171\172  
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142  
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216  
\002\247\274\104\352\364\111\235\361\124\130\371\140\257\332\030  
\244\057\050\105\334\172\240\210\206\135\363\073\347\377\051\065  
\200\374\144\103\224\346\343\034\157\276\255\016\052\143\231\053  
\311\176\205\366\161\350\006\003\225\376\336\217\110\034\132\324  
\222\350\053\356\347\061\333\272\004\152\207\230\347\305\137\357  
\175\247\042\367\001\330\115\371\211\320\016\232\005\131\244\236  
\230\331\157\053\312\160\276\144\302\125\243\364\351\257\303\222  
\051\334\210\026\044\231\074\215\046\230\266\133\267\314\316\267  
\067\007\375\046\331\230\205\044\377\131\043\003\232\355\235\235  
\250\344\136\070\316\327\122\015\157\322\077\155\261\005\153\111  
\316\212\221\106\163\364\366\057\360\250\163\167\016\145\254\241  
\215\146\122\151\176\113\150\014\307\036\067\047\203\245\214\307  
\002\344\024\315\111\001\260\163\263\375\306\220\072\157\322\154  
\355\073\356\354\221\276\242\103\135\213\000\112\146\045\104\160  
\336\100\017\370\174\025\367\242\316\074\327\136\023\214\201\027  
\030\027\321\275\361\167\020\072\324\145\071\301\047\254\127\054  
\045\124\377\242\332\117\212\141\071\136\256\075\112\214\275

```

END
CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Certigna Root CA"
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL
CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205
\047\047\365\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED
CK_BBOOL CK_FALSE

#
# Certificate "emSign Root CA - G1"

```

```
#
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003
\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060\043
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124
\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155\151
\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\107
```

\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034  
\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157  
\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032  
\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157  
\157\164\040\103\101\040\055\040\107\061\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\223\113\273\351\146  
\212\356\235\133\325\064\223\320\033\036\303\347\236\270\144\063  
\177\143\170\150\264\315\056\161\165\327\233\040\306\115\051\274  
\266\150\140\212\367\041\232\126\065\132\363\166\275\330\315\232  
\377\223\126\113\245\131\006\241\223\064\051\335\026\064\165\116  
\362\201\264\307\226\116\255\031\025\122\112\376\074\160\165\160  
\315\257\053\253\025\232\063\074\252\263\213\252\315\103\375\365  
\352\160\377\355\317\021\073\224\316\116\062\026\323\043\100\052  
\167\263\257\074\001\054\154\355\231\054\213\331\116\151\230\262  
\367\217\101\260\062\170\141\326\015\137\303\372\242\100\222\035  
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114  
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057  
\103\125\036\221\015\016\330\325\152\244\226\321\023\074\054\170  
\120\350\072\222\322\027\126\345\065\032\100\034\076\215\054\355  
\071\337\102\340\203\101\164\337\243\315\302\206\140\110\150\343  
\151\013\124\000\213\344\166\151\041\015\171\116\064\010\136\024  
\302\314\261\267\255\327\174\160\212\307\205\002\003\001\000\001  
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\373  
\357\015\206\236\260\343\335\251\271\361\041\027\177\076\374\360  
\167\053\032\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\001\001\000\131\377\362\214\365\207\175\161  
\075\243\237\033\133\321\332\370\323\234\153\066\275\233\251\141  
\353\336\026\054\164\075\236\346\165\332\327\272\247\274\102\027  
\347\075\221\353\345\175\335\076\234\361\317\222\254\154\110\314  
\302\042\077\151\073\305\266\025\057\243\065\306\150\052\034\127  
\257\071\357\215\320\065\303\030\014\173\000\126\034\315\213\031  
\164\336\276\017\022\340\320\252\241\077\002\064\261\160\316\235  
\030\326\010\003\011\106\356\140\340\176\266\304\111\004\121\175  
\160\140\274\252\262\377\171\162\172\246\035\075\137\052\370\312  
\342\375\071\267\107\271\353\176\337\004\043\257\372\234\006\007  
\351\373\143\223\200\100\265\306\154\012\061\050\316\014\237\317  
\263\043\065\200\101\215\154\304\067\173\201\057\200\241\100\102  
\205\351\331\070\215\350\241\123\315\001\277\151\350\132\006\362  
\105\013\220\372\256\341\277\235\362\256\127\074\245\256\262\126  
\364\213\145\100\351\375\061\201\054\364\071\011\330\356\153\247  
\264\246\035\025\245\230\367\001\201\330\205\175\363\121\134\161

```

\210\336\272\314\037\200\176\112
END
CKA_NSS_MOZILLA_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "emSign Root CA - G1"
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
#
Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
END
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

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```
# Certificate "emSign ECC Root CA - G3"
#
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN
CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\116\060\202\001\323\240\003\002\001\002\002\012\074
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110
\316\075\004\003\003\060\153\061\013\060\011\006\003\125\004\006
\023\002\111\116\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\045\060\043\006\003\125
\004\012\023\034\145\115\165\144\150\162\141\040\124\145\143\150
\156\157\154\157\147\151\145\163\040\114\151\155\151\164\145\144
```

\061\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147  
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040  
\107\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060  
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060  
\060\132\060\153\061\013\060\011\006\003\125\004\006\023\002\111  
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151  
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023  
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154  
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060  
\036\006\003\125\004\003\023\027\145\155\123\151\147\156\040\105  
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\043\245\014\270\055\022\365\050\363  
\261\262\335\342\002\022\200\236\071\137\111\115\237\311\045\064  
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\101\124  
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316  
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222  
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062  
\012\202\144\175\026\223\321\243\102\060\100\060\035\006\003\125  
\035\016\004\026\004\024\174\135\002\204\023\324\314\212\233\201  
\316\027\034\056\051\036\234\110\143\102\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052  
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\276  
\363\141\317\002\020\035\144\225\007\270\030\156\210\205\005\057  
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201  
\011\107\357\073\254\010\004\174\134\231\261\355\107\007\322\002  
\061\000\235\272\125\374\251\112\350\355\355\346\166\001\102\173  
\310\370\140\331\215\121\213\125\073\373\214\173\353\145\011\303  
\370\226\315\107\250\202\362\026\125\167\044\176\022\020\225\004  
\054\243

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign ECC Root CA - G3"

# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84

#

Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B

# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\316\013\162\321\237\210\216\320\120\003\350\343\270\213\147\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign Root CA - C1"
#
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
# Fingerprint
(SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

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\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145  
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003  
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164  
\040\103\101\040\055\040\103\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145  
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003  
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164  
\040\103\101\040\055\040\103\061

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\013\000\256\317\000\272\304\317\062\370\103\262

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\163\060\202\002\133\240\003\002\001\002\002\013\000  
\256\317\000\272\304\317\062\370\103\262\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\126\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125\004  
\013\023\012\145\155\123\151\147\156\040\120\113\111\061\024\060  
\022\006\003\125\004\012\023\013\145\115\165\144\150\162\141\040  
\111\156\143\061\034\060\032\006\003\125\004\003\023\023\145\155  
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\103  
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013  
\145\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\103\061\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\317\353\251\271\361\231  
\005\314\330\050\041\112\363\163\064\121\204\126\020\365\240\117  
\054\022\343\372\023\232\047\320\317\371\171\032\164\137\035\171  
\071\374\133\370\160\216\340\222\122\367\344\045\371\124\203\331  
\035\323\310\132\205\077\136\307\266\007\356\076\300\316\232\257  
\254\126\102\052\071\045\160\326\277\265\173\066\255\254\366\163  
\334\315\327\035\212\203\245\373\053\220\025\067\153\034\046\107  
\334\073\051\126\223\152\263\301\152\072\235\075\365\301\227\070  
\130\005\213\034\021\343\344\264\270\135\205\035\203\376\170\137  
\013\105\150\030\110\245\106\163\064\073\376\017\310\166\273\307

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\030\363\005\321\206\363\205\355\347\271\331\062\255\125\210\316
\246\266\221\260\117\254\176\025\043\226\366\077\360\040\064\026
\336\012\306\304\004\105\171\177\247\375\276\322\251\245\257\234
\305\043\052\367\074\041\154\275\257\217\116\305\072\262\363\064
\022\374\337\200\032\111\244\324\251\225\367\236\211\136\242\211
\254\224\313\250\150\233\257\212\145\047\315\211\356\335\214\265
\153\051\160\103\240\151\013\344\271\017\002\003\001\000\001\243
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\376\241
\340\160\036\052\003\071\122\132\102\276\134\221\205\172\030\252
\115\265\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\302\112\126\372\025\041\173\050\242
\351\345\035\373\370\055\304\071\226\101\114\073\047\054\304\154
\030\025\200\306\254\257\107\131\057\046\013\343\066\260\357\073
\376\103\227\111\062\231\022\025\133\337\021\051\377\253\123\370
\273\301\170\017\254\234\123\257\127\275\150\214\075\151\063\360
\243\240\043\143\073\144\147\042\104\255\325\161\313\126\052\170
\222\243\117\022\061\066\066\342\336\376\000\304\243\140\017\047
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350
\115\224\044\023\344\012\004\351\074\253\056\310\103\011\112\306
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\272\124
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056
\274\002\053\323\304\100\344\212\007\061\036\233\316\046\231\023
\373\021\352\232\042\014\021\031\307\136\033\201\120\060\310\226
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341
\361\337\312\276\203\015\102
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign Root CA - C1"

# Issuer: CN=emSign

Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2

# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F

# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
#
Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145

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\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER
MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\053\060\202\001\261\240\003\002\001\002\002\012\173
\161\266\202\126\270\022\174\234\250\060\012\006\010\052\206\110
\316\075\004\003\003\060\132\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\024\060\022\006\003\125
\004\012\023\013\145\115\165\144\150\162\141\040\111\156\143\061
\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147\156
\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103
\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013
\145\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\103\063\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\375\245\141\256\173\046\020\035\351\267\042
\060\256\006\364\201\263\261\102\161\225\071\274\323\122\343\257
\257\371\362\227\065\222\066\106\016\207\225\215\271\071\132\351
\273\337\320\376\310\007\101\074\273\125\157\203\243\152\373\142
\260\201\211\002\160\175\110\305\112\343\351\042\124\042\115\223
\273\102\014\257\167\234\043\246\175\327\141\021\316\145\307\370
\177\376\365\362\251\243\102\060\100\060\035\006\003\125\035\016
\004\026\004\024\373\132\110\320\200\040\100\362\250\351\000\007
\151\031\167\247\346\303\364\317\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\012\006\010\052\206\110
\316\075\004\003\003\003\150\000\060\145\002\061\000\264\330\057
\002\211\375\266\114\142\272\103\116\023\204\162\265\256\335\034
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\336\326\265\334\126\217\130\100\132\055\336\040\114\042\203\312
\223\250\176\356\022\100\307\326\207\117\370\337\205\002\060\034
\024\144\344\174\226\203\021\234\260\321\132\141\113\246\017\111
\323\000\374\241\374\344\245\377\177\255\327\060\320\307\167\177
\276\201\007\125\060\120\040\024\365\127\070\012\250\061\121
END
CKA_NSS_Mozilla_CA_POLICY
CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
#
Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\140\025
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

```



CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hongkong Post Root CA 3"

#

# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK

# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4

# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK

# Not Valid Before: Sat Jun 03 02:29:46 2017

# Not Valid After : Tue Jun 03 02:29:46 2042

# Fingerprint (SHA-256):

5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6

# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL

UTF8 "Hongkong Post Root CA 3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113  
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157  
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012  
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061  
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157  
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040  
\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113  
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157  
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012  
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061  
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157  
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040  
\063

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306  
\256\043\270\034\132\244

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\317\060\202\003\267\240\003\002\001\002\002\024\010

\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270  
\034\132\244\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110  
\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147  
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011  
\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125  
\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163  
\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147  
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103  
\101\040\063\060\036\027\015\061\067\060\066\060\063\060\062\062  
\071\064\066\132\027\015\064\062\060\066\060\063\060\062\062\071  
\064\066\132\060\157\061\013\060\011\006\003\125\004\006\023\002  
\110\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156  
\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023  
\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003  
\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157  
\163\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156  
\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040  
\103\101\040\063\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\263\210\327\352\316\017\040\116\276\346\326  
\003\155\356\131\374\302\127\337\051\150\241\203\016\076\150\307  
\150\130\234\034\140\113\211\103\014\271\324\025\262\356\301\116  
\165\351\265\247\357\345\351\065\231\344\314\034\347\113\137\215  
\063\060\040\063\123\331\246\273\325\076\023\216\351\037\207\111  
\255\120\055\120\312\030\276\001\130\242\023\160\226\273\211\210  
\126\200\134\370\275\054\074\341\114\127\210\273\323\271\225\357  
\313\307\366\332\061\164\050\246\346\124\211\365\101\061\312\345  
\046\032\315\202\340\160\332\073\051\273\325\003\365\231\272\125  
\365\144\321\140\016\263\211\111\270\212\057\005\322\204\105\050  
\174\217\150\120\022\170\374\013\265\123\313\302\230\034\204\243  
\236\260\276\043\244\332\334\310\053\036\332\156\105\036\211\230  
\332\371\000\056\006\351\014\073\160\325\120\045\210\231\313\315  
\163\140\367\325\377\065\147\305\241\274\136\253\315\112\270\105  
\353\310\150\036\015\015\024\106\022\343\322\144\142\212\102\230  
\274\264\306\010\010\370\375\250\114\144\234\166\001\275\057\251  
\154\063\017\330\077\050\270\074\151\001\102\206\176\151\301\311  
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\063\017\372\057\370\024\271\200\263\135\115\252\227\341\371\344  
\030\305\370\325\070\214\046\074\375\362\050\342\356\132\111\210  
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\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244  
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\054\233\055\305\246\300\255\250\107\364\047\114\070\015\056\033  
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062  
\203\142\151\144\014\221\234\237\227\352\164\026\375\037\021\006  
\232\233\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

```

CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Hongkong Post Root CA 3"
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS
CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\002\212\375\077\363\130\271\313\040\360
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_TRUST_SERVER_AUTH
CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G4"

```

```
#
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):
DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88
# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01
CKA_CLASS
CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
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\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_ID
UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
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\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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\145\255\130
END
CKA_VALUE
MULTILINE_OCTAL
\060\202\006\113\060\202\004\063\240\003\002\001\002\002\021\000
\331\265\103\177\257\251\071\017\000\000\000\000\125\145\255\130
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163
\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165\163
\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162\155
\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040
\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111\156
\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162\151
\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060\060
\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
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\132\027\015\063\067\061\062\062\067\061\061\064\061\061\066\132
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
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\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
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\243\206\245\022\227\375\200\053\332\024\102\343\222\275\076\362  
\135\136\147\164\056\034\210\107\051\064\137\342\062\250\234\045  
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\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
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\204\125\164\167\204\004\047\122\153\206\114\316\335\271\145\377  
\326\306\136\237\232\020\231\113\165\152\376\152\351\227\040\344  
\344\166\172\306\320\044\252\220\315\040\220\272\107\144\373\177  
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\231\277\336\273\224\073\127\375\232\365\206\313\126\073\133\210  
\001\345\174\050\113\003\371\111\203\174\262\177\174\343\355\216  
\241\177\140\123\216\125\235\120\064\022\017\267\227\173\154\207  
\112\104\347\365\155\354\200\067\360\130\031\156\112\150\166\360  
\037\222\344\352\265\222\323\141\121\020\013\255\247\331\137\307  
\137\334\037\243\134\214\241\176\233\267\236\323\126\157\146\136  
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\256\006\113\112\247\322\061\146\302\370\316\345\010\246\244\002
\226\104\150\127\304\325\063\317\031\057\024\304\224\034\173\244
\331\360\237\016\261\200\342\321\236\021\144\251\210\021\072\166
\202\345\142\302\200\330\244\203\355\223\357\174\057\220\260\062
\114\226\025\150\110\122\324\231\010\300\044\350\034\343\263\245
\041\016\222\300\220\037\317\040\137\312\073\070\307\267\155\072
\363\346\104\270\016\061\153\210\216\160\353\234\027\122\250\101
\224\056\207\266\347\246\022\305\165\337\133\300\012\156\173\244
\344\136\206\371\066\224\337\167\303\351\015\300\071\361\171\273
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\211\267\075\123\203\054\010\037\213\217\123\335\377\254\037
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY

CK\_BBOOL CK\_TRUE

# Trust for "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c)

2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065
\051\272\226\001
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
```



```
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
```

END

CKA\_SERIAL\_NUMBER

MULTILINE\_OCTAL

```
\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

Found in path(s):

```
* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-
archive-L3IwXukb/certdata.txt
```

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Found in path(s):

```
* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7_8.src.rpm-cosi-expand-
archive-L3IwXukb/ca-certificates.spec
```

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////

ca-legacy(8)

=====

:doctype: manpage

:man source: ca-legacy

## NAME

----

ca-legacy - Manage the system configuration for legacy CA certificates

## SYNOPSIS

-----

\*ca-legacy\* ['COMMAND']

## DESCRIPTION

-----

ca-legacy(8) is used to include or exclude a set of legacy Certificate Authority (CA) certificates in the system's list of trusted CA certificates.

The list of CA certificates and trust flags included in the ca-certificates package are based on the decisions made by Mozilla.org according to the Mozilla CA policy.

Occasionally, removal or distrust decisions made by Mozilla.org might be incompatible with the requirements or limitations of some applications that also use the CA certificates list in the Linux environment.

The ca-certificates package might keep some CA certificates included and trusted by default, as long as it is seen necessary by the maintainers, despite the fact that they have been removed by Mozilla. These certificates are called legacy CA certificates.

The general requirements to keep legacy CA certificates included and trusted might change over time, for example if functional limitations of software packages have been resolved. Future versions of the ca-certificates package might reduce the set of legacy CA certificates that are included and trusted by default.

The ca-legacy(8) command can be used to override the default behaviour.

The mechanisms to individually trust or distrust CA certificates as described in update-ca-trust(8) still apply.

## COMMANDS

-----

\*check\*::

The current configuration will be shown.

\*default\*::

Configure the system to use the default configuration, as recommended by the package maintainers.

**\*disable\*::**

Configure the system to explicitly disable legacy CA certificates.  
Using this configuration, the system will use the set of  
included and trusted CA certificates as released by Mozilla.

**\*install\*::**

The configuration file will be read and the system configuration  
will be set accordingly. This command is executed automatically during  
upgrades of the ca-certificates package.

**FILES**

-----

/etc/pki/ca-trust/ca-legacy.conf::

A configuration file that will be used and modified by the ca-legacy command.

The contents of the configuration file will be read on package upgrades.

**AUTHOR**

-----

Written by Kai Engert.

Found in path(s):

\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7\_8.src.rpm-cosi-expand-  
archive-L3IwXukb/ca-legacy.8.txt

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////

update-ca-trust(8)

=====

:doctype: manpage

:man source: update-ca-trust

**NAME**

----

update-ca-trust - manage consolidated and dynamic configuration of CA certificates and associated trust

## SYNOPSIS

-----

\*update-ca-trust\* ['COMMAND']

## DESCRIPTION

-----

update-ca-trust(8) is used to manage a consolidated and dynamic configuration feature of Certificate Authority (CA) certificates and associated trust.

The feature is available for new applications that read the consolidated configuration files found in the /etc/pki/ca-trust/extracted directory or that load the PKCS#11 module p11-kit-trust.so

Parts of the new feature are also provided in a way to make it useful for legacy applications.

Many legacy applications expect CA certificates and trust configuration in a fixed location, contained in files with particular path and name, or by referring to a classic PKCS#11 trust module provided by the NSS cryptographic library.

The dynamic configuration feature provides functionally compatible replacements for classic configuration files and for the classic NSS trust module named libnssckbi.

In order to enable legacy applications, that read the classic files or access the classic module, to make use of the new consolidated and dynamic configuration feature, the classic filenames have been changed to symbolic links.

The symbolic links refer to dynamically created and consolidated output stored below the /etc/pki/ca-trust/extracted directory hierarchy.

The output is produced using the 'update-ca-trust' command (without parameters), or using the 'update-ca-trust extract' command.

In order to produce the output, a flexible set of source configuration is read, as described in section <<sourceconf,SOURCE CONFIGURATION>>.

In addition, the classic PKCS#11 module is replaced with a new PKCS#11 module (p11-kit-trust.so) that dynamically reads the same source configuration.

[[sourceconf]]

## SOURCE CONFIGURATION

-----

The dynamic configuration feature uses several source directories that will be scanned for any number of source files. \*It is important to select the correct subdirectory for adding files, as the subdirectory defines how contained certificates will be trusted or distrusted, and which file formats are read.\*

Files in \*subdirectories below the directory hierarchy /usr/share/pki/ca-trust-source/\* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a \*low priority\*.

Files in \*subdirectories below the directory hierarchy /etc/pki/ca-trust/source/\* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a \*high priority\*.

.You may use the following rules of thumb to decide, whether your configuration files should be added to the /etc or rather to the /usr directory hierarchy:

\* If you are manually adding a configuration file to a system, you probably want it to override any other default configuration, and you most likely should add it to the respective subdirectory in the /etc hierarchy.

\* If you are creating a package that provides additional root CA certificates, that is intended for distribution to several computer systems, but you still want to allow the administrator to override your list, then your package should add your files to the respective subdirectory in the /usr hierarchy.

\* If you are creating a package that is supposed to override the default system trust settings, that is intended for distribution to several computer systems, then your package should install the files to the respective subdirectory in the /etc hierarchy.

.\*QUICK HELP 1\*:. To add a certificate in the simple PEM or DER file formats to the list of CAs trusted on the system:

- \* add it as a new file to directory /etc/pki/ca-trust/source/anchors/
- \* run 'update-ca-trust extract'

.\*QUICK HELP 2\*:. If your certificate is in the extended BEGIN TRUSTED file format (which may contain distrust/blacklist trust flags, or trust flags for usages other than TLS) then:

- \* add it as a new file to directory /etc/pki/ca-trust/source/
- \* run 'update-ca-trust extract'

.In order to offer simplicity and flexibility, the way certificate files are treated depends on the subdirectory they are installed to.

\* simple trust anchors subdirectory: /usr/share/pki/ca-trust-source/anchors/ or /etc/pki/ca-trust/source/anchors/  
\*

simple blacklist (distrust) subdirectory: /usr/share/pki/ca-trust-source/blacklist/ or /etc/pki/ca-trust/source/blacklist/

\* extended format directory: /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/

.In the main directories `/usr/share/pki/ca-trust-source/` or `/etc/pki/ca-trust/source/` you may install one or multiple files in the following file formats:

- \* certificate files that include trust flags, in the BEGIN/END TRUSTED CERTIFICATE file format (any file name), which have been created using the openssl x509 tool and the `-addreject` `-addtrust` options.

Bundle files with multiple certificates are supported.

- \* files in the p11-kit file format using the `.p11-kit` file name extension, which can (e.g.) be used to distrust certificates based on serial number and issuer name, without having the full certificate available.

(This is currently an undocumented format, to be extended later.

For examples of the supported formats, see the files shipped with the `ca-certificates` package.)

- \* certificate files without trust flags in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format (any file name). Such files will be added with neutral trust, neither trusted nor distrusted.

They will simply be known to the system, which might be helpful to assist cryptographic software in constructing chains of certificates.

(If you want a CA certificate in these file formats to be trusted, you should remove it from this directory and move it to the `./anchors` subdirectory instead.)

In the anchors subdirectories `/usr/share/pki/ca-trust-source/anchors/` or `/etc/pki/ca-trust/source/anchors/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format. Each certificate will be treated as `*trusted*` for all purposes.

In the blacklist subdirectories `/usr/share/pki/ca-trust-source/blacklist/` or `/etc/pki/ca-trust/source/blacklist/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format. Each certificate will be treated as `*distrusted*` for all purposes.

Please refer to the x509(1) manual page for the documentation of the BEGIN/END CERTIFICATE and BEGIN/END TRUSTED CERTIFICATE file formats.

Applications that rely on a static file for a list of trusted CAs may load one of the files found in the `/etc/pki/ca-trust/extracted` directory. After modifying any file in the `/usr/share/pki/ca-trust-source/` or `/etc/pki/ca-trust/source/` directories or in any of their subdirectories, or after adding a file, it is necessary to run the `'update-ca-trust extract'` command, in order to update the consolidated files in `/etc/pki/ca-trust/extracted/`.

Applications that load the classic PKCS#11 module using filename `libnssckbi.so` (which has been converted into a symbolic link pointing to the new module)

and any application capable of loading PKCS#11 modules and loading p11-kit-trust.so, will benefit from the dynamically merged set of certificates and trust information stored in the /usr/share/pki/ca-trust-source/ and /etc/pki/ca-trust/source/ directories.

[[extractconf]]

## EXTRACTED CONFIGURATION

-----

The directory /etc/pki/ca-trust/extracted/ contains generated CA certificate bundle files which are created and updated, based on the <<sourceconf,SOURCE CONFIGURATION>> by running the 'update-ca-trust extract' command.

If your application isn't able to load the PKCS#11 module p11-kit-trust.so, then you can use these files in your application to load a list of global root CA certificates.

Please never manually edit the files stored in this directory, because your changes will be lost and the files automatically overwritten, each time the 'update-ca-trust extract' command gets executed.

In order to install new trusted or distrusted certificates, please rather install them in the respective subdirectory below the /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ directories, as described in the <<sourceconf,SOURCE CONFIGURATION>> section.

The directory /etc/pki/ca-trust/extracted/java/ contains a CA certificate bundle in the java keystore file format. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File cacerts contains CA certificates trusted for TLS server authentication.

The directory /etc/pki/ca-trust/extracted/openssl/ contains CA certificate bundle files in the extended BEGIN/END TRUSTED CERTIFICATE file format, as described in the x509(1) manual page. File ca-bundle.trust.crt contains the full set of all trusted or distrusted certificates, including the associated trust flags.

The directory /etc/pki/ca-trust/extracted/pem/ contains CA certificate bundle files in the simple BEGIN/END CERTIFICATE file format, as described in the x509(1) manual page. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File tls-ca-bundle.pem contains CA certificates trusted for TLS server authentication.

File email-ca-bundle.pem contains CA certificates trusted for E-Mail protection.  
File objsign-ca-bundle.pem contains CA certificates trusted for code signing.

## COMMANDS

-----

(absent/empty command)::

Same as the `*extract*` command described below. (However, the command may print fewer warnings, as this command is being run during rpm package installation, where non-fatal status output is undesired.)

`*extract*::`

Instruct `update-ca-trust` to scan the `<<sourceconf,SOURCE CONFIGURATION>>` and produce updated versions of the consolidated configuration files stored below the `/etc/pki/ca-trust/extracted` directory hierarchy.

## FILES

-----

`/etc/pki/tls/certs/ca-bundle.crt::`

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the simple BEGIN/END CERTIFICATE file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/etc/pki/tls/certs/ca-bundle.trust.crt::`

Classic filename, file contains a list of CA certificates in the extended BEGIN/END TRUSTED CERTIFICATE file format, which includes trust (and/or distrust) flags specific to certificate usage.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/etc/pki/java/cacerts::`

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the Java keystore file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/usr/share/pki/ca-trust-source::`

Contains multiple, low priority source configuration files as explained in section `<<sourceconf,SOURCE CONFIGURATION>>`. Please pay attention to the specific meanings of the respective subdirectories.

`/etc/pki/ca-trust/source::`

Contains

multiple, high priority source configuration files as explained in section `<<sourceconf,SOURCE CONFIGURATION>>`. Please pay attention to the specific meanings of the respective subdirectories.

`/etc/pki/ca-trust/extracted::`

Contains consolidated and automatically generated configuration files for consumption by applications, which are created using the `'update-ca-trust extract'` command. Don't edit files in this directory, because they will be



overwritten.

See section <<extractconf,EXTRACTED CONFIGURATION>> for additional details.

## AUTHOR

-----

Written by Kai Engert and Stef Walter.

Found in path(s):

\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.e17\_8.src.rpm-cosi-expand-archive-L3IwXukb/update-ca-trust.8.txt

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Found in path(s):

\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.e17\_8.src.rpm-cosi-expand-archive-L3IwXukb/nssckbi.h

# 1.618 failureaccess 1.0.1

## 1.618.1 Available under license :

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\*/

Found in path(s):

\* /opt/cola/permits/1349013147\_1655879756.6643403/0/failureaccess-1-0-1-sources-4-jar/com/google/common/util/concurrent/internal/InternalFutures.java

\* /opt/cola/permits/1349013147\_1655879756.6643403/0/failureaccess-1-0-1-sources-4-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

# 1.619 listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

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# 1.620 golang 1.18.2

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#   Name <email address>
Raul Silvera <rsilvera@google.com>
Tipp Moseley <tipp@google.com>
Hyoun Kyu Cho <netforce@google.com>
Martin Spier <spiermar@gmail.com>
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Aamir Khan <syst3m.w0rm@gmail.com>
Aaron Cannon <cannona@fireantproductions.com>
Aaron France <aaron.l.france@gmail.com>
Aaron Jacobs <jacobsa@google.com>
Aaron Kemp <kemp.aaron@gmail.com>
Aaron Stein <aaronstein12@gmail.com>
Aaron Torres <tcboox@gmail.com>
Aaron Zinman <aaron@azinman.com>
Aarti Parikh <aarti.parikh@gmail.com>
```

Abdullah Al Maruf <mymail.maruf@gmail.com>  
Abe Haskins <abeisgreat@abeisgreat.com>  
Abhinav Gupta <abhinav.g90@gmail.com>  
Adam Azarchs <adam.azarchs@10xgenomics.com>  
Adam Bender <abender@google.com>  
Adam Eijdenberg <adam@continusec.com>  
Adam Harvey <aharvey@php.net>  
Adam Kisala <adam.kisala@gmail.com>  
Adam Langley <agl@golang.org>  
Adam Medzinski <adam.medzinski@gmail.com>  
Adam Shannon <adamkshannon@gmail.com>  
Adam Sindelar <adamsh@google.com>  
Adam Thomason <athomason@gmail.com>  
Adam Woodbeck <adam@woodbeck.net>  
Aditya Mukerjee <dev@chimeracoder.net>  
Adrian Hesketh <adrianhesketh@hushmail.com>  
Adrian  
Nos <nos.adrian@gmail.com>  
Adrian O'Grady <elpollouk@gmail.com>  
Adrien Bustany <adrien-xx-google@bustany.org>  
Adrien Petel <peteladrien@gmail.com>  
Acio Jnior <aeciodantasjunior@gmail.com>  
Aeneas Rekkas (arekkas) <aeneas@ory.am>  
Afanasev Stanislav <phpprogger@gmail.com>  
Agis Anastasopoulos <agis.anast@gmail.com>  
Agniva De Sarker <agnivade@yahoo.co.in>  
Ahmed Wahed <oneofone@gmail.com>  
Ahmet Alp Balkan <ahmetb@google.com>  
Ahmet Soormally <ahmet@mangomm.co.uk>  
Ahmy Yulrizka <yulrizka@gmail.com>  
Aiden Scandella <ai@uber.com>  
Ainar Garipov <gugl.zadolbal@gmail.com>  
Aishraj Dahal <aishraj@users.noreply.github.com>  
Akhil Indurti <contact@akhilindurti.com>  
Akihiro Suda <suda.kyoto@gmail.com>  
Akshat Kumar <seed@mail.nanosouffle.net>  
Alan Braithwaite <alan@ipaddr.org>  
Alan Donovan <adonovan@google.com>  
Alan Shreve <alan@inconshreveable.com>  
Albert Nigmatzianov <albertnigma@gmail.com>  
Albert Strasheim <fullung@gmail.com>  
Albert Yu <yukinying@gmail.com>  
Alberto Bertogli <albertito@blitiri.com.ar>  
Alberto  
Donizetti <alb.donizetti@gmail.com>  
Alberto Garca Hierro <alberto@garciahierro.com> <alberto.garcia.hierro@gmail.com>  
Aleksa Sarai <cyphar@cyphar.com>  
Aleksandar Dezelin <dezelin@gmail.com>



Aleksandr Lukinykh <a.lukinykh@xsolla.com>  
Aleksandr Razumov <ar@cydev.ru>  
Alekseev Artem <a.artem060@gmail.com>  
Alessandro Arzilli <alessandro.arzilli@gmail.com>  
Alessandro Baffa <alessandro.baffa@gmail.com>  
Alex A Skinner <alex@lx.lc>  
Alex Brainman <alex.brainman@gmail.com>  
Alex Bramley <abramley@google.com>  
Alex Browne <stephenalexbrowne@gmail.com>  
Alex Carol <alex.carol.c@gmail.com>  
Alex Jin <toalexjin@gmail.com>  
Alex Kohler <alexjohnkohler@gmail.com>  
Alex Myasoedov <msoedov@gmail.com>  
Alex Plugaru <alex@plugaru.org> <alexandru.plugaru@gmail.com>  
Alex Schroeder <alex@gnu.org>  
Alex Sergeev <abc@alexsergeev.com>  
Alex Vaghin <crhyme@google.com>  
Alexander Demakin <alexander.demakin@gmail.com>  
Alexander Dring <email@alex.d.ch>  
Alexander F Rdseth <alexander.rodseth@appeartv.com>  
Alexander  
Guz <kalimatas@gmail.com>  
Alexander Kauer <alexander@affine.space>  
Alexander Kucherenko <alxkchr@gmail.com>  
Alexander Larsson <alexander.larsson@gmail.com>  
Alexander Menzhinsky <amenzhinsky@gmail.com>  
Alexander Morozov <lk4d4math@gmail.com>  
Alexander Neumann <alexander@bumpen.de>  
Alexander Orlov <alexander.orlov@loxal.net>  
Alexander Pantyukhin <apantykhin@gmail.com>  
Alexander Polcyn <apolcyn@google.com>  
Alexander Reece <awreece@gmail.com>  
Alexander Surma <surma@surmair.de>  
Alexander Zhavnerchik <alex.vizor@gmail.com>  
Alexander Zillion <alex@alexzillion.com>  
Alexander Zolotov <goldifit@gmail.com>  
Alexandre Cesaro <alexandre.cesaro@gmail.com>  
Alexandre Fiori <fiorix@gmail.com>  
Alexandre Maari <draeron@gmail.com>  
Alexandre Normand <alexandre.normand@gmail.com>  
Alexandre Parentea <aubonbeurre@gmail.com>  
Alexandre Viau <alexandre@alexandreviau.net>  
Alexandru Mooi <brtznr@gmail.com>  
Alexei Sholik <alcosholik@gmail.com>  
Alexey Alexandrov <aalexand@google.com>  
Alexey Borzenkov  
<snaury@gmail.com>  
Alexey Naidonov <alexey.naidyonov@gmail.com>

Alexey Neganov <neganovalexey@gmail.com>  
Alexey Palazhchenko <alexey.palazhchenko@gmail.com>  
Alexis Hildebrandt <surryhill@gmail.com>  
Alexis Hunt <lexer@google.com>  
Alexis Imperial-Legrand <ail@google.com>  
Ali Rizvi-Santiago <arizvisa@gmail.com>  
Aliaksandr Valialkin <valyala@gmail.com>  
Alif Rachmawadi <subosito@gmail.com>  
Allan Simon <allan.simon@supinfo.com>  
Alok Menghrajani <alok.menghrajani@gmail.com>  
Aman Gupta <aman@tmm1.net>  
Amir Mohammad Saied <amir@gluegadget.com>  
Amr Mohammed <merodiro@gmail.com>  
Amrut Joshi <amrut.joshi@gmail.com>  
Anand K. Mistry <anand@mistry.ninja>  
Anders Pearson <anders@columbia.edu>  
Andr Carvalho <asantostc@gmail.com>  
Andre Nathan <andrenth@gmail.com>  
Andrea Nodari <andrea.nodari91@gmail.com>  
Andrea Spadaccini <spadaccio@google.com>  
Andreas Auernhammer <aead@mail.de>  
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>  
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Andrei Gherzan <andrei@resin.io>  
Andrei  
Korzhevskii <a.korzhevskiy@gmail.com>  
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Andres Erbsen <andreser@google.com>  
Andres Lowrie <andres.lowrie@gmail.com>  
Andrew Austin <andrewacht@gmail.com>  
Andrew Balholm <andybalholm@gmail.com>  
Andrew Benton <andrewmbenton@gmail.com>  
Andrew Bonventre <andybons@chromium.org>  
Andrew Braunstein <awbraunstein@gmail.com>  
Andrew Bursavich <abursavich@gmail.com>  
Andrew Ekstedt <andrew.ekstedt@gmail.com>  
Andrew Etter <andrew.etter@gmail.com>  
Andrew Gerrand <adg@golang.org>  
Andrew Harding <andrew@spacemonkey.com>  
Andrew Jackura <ajackura@google.com>  
Andrew Lutomirski <andy@luto.us>  
Andrew Pilloud <andrewpilloud@igneoussystem.com>  
Andrew Pogrebnoy <absourd.noise@gmail.com>  
Andrew Poydence <apoydence@pivotal.io>  
Andrew Pritchard <awpritchard@gmail.com>  
Andrew Radev <andrey.radev@gmail.com>  
Andrew Skiba <skibaa@gmail.com>

Andrew Stribblehill <ads@wompom.org>  
Andrew Szeto <andrew@jabagawee.com>  
Andrew Werner <andrew@upthere.com>  
<awerner32@gmail.com>  
Andrew Wilkins <axwalk@gmail.com>  
Andrew Williams <williams.andrew@gmail.com>  
Andrey Mirtchovski <mirtchovski@gmail.com>  
Andrey Petrov <andrey.petrov@shazow.net>  
Andrii Soldatenko <andrii.soldatenko@gmail.com>  
Andrii Soluk <isoluchok@gmail.com>  
Andriy Lytvynov <lytvynov.a.v@gmail.com>  
Andrzej eel <andrii.zhezhel@gmail.com>  
Andy Balholm <andy@balholm.com>  
Andy Davis <andy@bigandian.com>  
Andy Finkenstadt <afinkenstadt@zynga.com>  
Andy Lindeman <andy@lindeman.io>  
Andy Maloney <asmaloney@gmail.com>  
Andy Walker <walkeraj@gmail.com>  
Andzej Maciusovic <andzej.maciusovic@gmail.com>  
Anfernee Yongkun Gui <anfernee.gui@gmail.com>  
Angelo Bulfone <mbulfone@gmail.com>  
Anh Hai Trinh <anh.hai.trinh@gmail.com>  
Anit Gandhi <anitgandhi@gmail.com>  
Ankit Goyal <ankit3goyal@gmail.com>  
Anmol Sethi <anmol@aubble.com>  
Anschel Schaffer-Cohen <anschelse@gmail.com>  
Anthony Alves <cvballa3g0@gmail.com>  
Anthony Canino <anthony.canino1@gmail.com>  
Anthony Eufemio <anthony.eufemio@gmail.com>  
Anthony  
Fok <foka@debian.org>  
Anthony Martin <ality@pbrane.org>  
Anthony Sottile <asottile@umich.edu>  
Anthony Starks <ajstarks@gmail.com>  
Anthony Voutas <voutasaurus@gmail.com>  
Anthony Woods <awoods@raintank.io>  
Antoine GIRARD <sapk@sapk.fr>  
Antoine Martin <antoine97.martin@gmail.com>  
Anton Gyllenberg <anton@iki.fi>  
Antonin Amand <antonin.amand@gmail.com>  
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Antonio Troina <thoeni@gmail.com>  
Apisak Darakananda <pongad@gmail.com>  
Aram Hvrneanu <aram@mgk.ro>  
Areski Belaid <areski@gmail.com>  
Ariel Mashraki <ariel@mashraki.co.il>

Arkadi Pyuro <arkadi@google.com>  
Arlo Breault <arlolra@gmail.com>  
Arnaud Ysmal <arnaud.ysmal@gmail.com>  
Arne Hormann <arnehormann@gmail.com>  
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Arthur Khashaev <arthur@khashaev.ru>  
Artyom Pervukhin <artyom.pervukhin@gmail.com>  
Arvindh Rajesh Tamilmani <art@a-30.net>  
Ashish  
Gandhi <ag@ashishgandhi.org>  
Asim Shankar <asimshankar@gmail.com>  
Atin Malaviya <amalaviy@akamai.com>  
Ato Araki <ato.araki@gmail.com>  
Audrey Lim <audreylh@gmail.com>  
Audrius Butkevicius <audrius.butkevicius@gmail.com>  
Augusto Roman <aroman@gmail.com>  
Aulus Egnatius Varialus <varialus@gmail.com>  
Aurlien Rainone <aurelien.rainone@gmail.com>  
Austin Clements <austin@google.com> <aclements@csail.mit.edu>  
Avi Flax <avi@timehop.com>  
awaw fumin <awawfumin@gmail.com>  
Awn Umar <awn@cryptolosophy.io>  
Axel Wagner <axel.wagner.hh@googlemail.com>  
Ayanamist Yang <ayanamist@gmail.com>  
Aymerick Jhanne <aymerick@jehanne.org>  
Azat Kaumov <kaumov.a.r@gmail.com>  
Baiju Muthukadan <baiju.m.mail@gmail.com>  
Balaram Makam <bmakam.qdt@qualcommdatacenter.com>  
Balazs Lecz <leczb@google.com>  
Baokun Lee <nototon@gmail.com>  
Bartosz Grzybowski <melkorm@gmail.com>  
Bartosz Oler <brtsz@google.com>  
Bastian Ike <bastian.ike@gmail.com>  
Ben Burkert <ben@benburkert.com>  
Ben Eitzen <eitzenb@golang.org>  
Ben  
Fried <ben.fried@gmail.com>  
Ben Haines <bhainesva@gmail.com>  
Ben Hoyt <benhoyt@gmail.com>  
Ben Laurie <ben@links.org> <benl@google.com>  
Ben Lubar <ben.lubar@gmail.com>  
Ben Lynn <benlynn@gmail.com>  
Ben Olive <sionide21@gmail.com>  
Ben Schwartz <bemasc@google.com>  
Ben Shi <powerman1st@163.com>  
Benjamin Black <b@b3k.us>

Benjamin Cable <cable.benjamin@gmail.com>  
Benjamin Hsieh <tanookiben@users.noreply.github.com>  
Benjamin Prosnitz <bprosnitz@google.com>  
Benjamin Wester <bwester@squareup.com>  
Benny Siegert <bsiegert@gmail.com>  
Benoit Sigoure <tsunanet@gmail.com>  
Berengar Lehr <Berengar.Lehr@gmx.de>  
Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>  
Bill O'Farrell <billo@ca.ibm.com>  
Bill Prin <waprin@google.com>  
Bill Thiede <couchmoney@gmail.com>  
Bill Zissimopoulos <billziss@navimatics.com>  
Billie Harold Cleek <bhcleek@gmail.com>  
Billy Lynch <wlynch@google.com>  
Bjorn Tillenius <bjorn@tilenius.me>  
Bjorn Tipling <bjorn.tipling@gmail.com>  
Blain Smith <rebelgeek@blainsmith.com>  
Blake  
Gentry <blakesgentry@gmail.com>  
Blake Mesdag <blakemesdag@gmail.com>  
Blake Mizerany <blake.mizerany@gmail.com>  
Blixt <me@blixt.nyc>  
Bob Briski <rbriski@gmail.com>  
Bob Potter <bobby.potter@gmail.com>  
Bobby DeSimone <bobbydesimone@gmail.com>  
Bobby Powers <bobbypowers@gmail.com>  
Boris Nagaev <nagaev@google.com>  
Borja Clemente <borja.clemente@gmail.com>  
Brad Burch <brad.burch@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>  
Brad Garcia <bgarcia@golang.org>  
Brad Jones <rbjones@google.com>  
Brad Morgan <brad@morgabra.com>  
Brad Whitaker <bwhitaker@fastly.com>  
Braden Bassingthwaite <bbassingthwaite@vendasta.com>  
Bradley Falzon <brad@teambrod.net>  
Brady Catherman <brady@gmail.com>  
Brady Sullivan <brady@bsull.com>  
Brandon Bennett <bbennett@fb.com>  
Brandon Gilmore <varz@google.com>  
Brendan Daniel Tracey <tracey.brendan@gmail.com>  
Brendan O'Dea <bod@golang.org>  
Brett Cannon <bcannon@gmail.com>  
Brett Merrill <brett.j.merrill94@gmail.com>  
Brian Dellisanti <briandellisanti@gmail.com>  
Brian  
Downs <brian.downs@gmail.com>  
Brian G. Merrell <bgmerrell@gmail.com>

Brian Gitonga Marete <marete@toshnix.com> <bgmarete@gmail.com> <bgm@google.com>  
Brian Kennedy <btkenney@gmail.com>  
Brian Kessler <brian.m.kessler@gmail.com>  
Brian Ketelsen <bketelsen@gmail.com>  
Brian Slesinsky <skybrian@google.com>  
Brian Smith <ohohvi@gmail.com>  
Brian Starke <brian.starke@gmail.com>  
Bryan Alexander <Kozical@msn.com>  
Bryan C. Mills <bcmills@google.com>  
Bryan Chan <bryan.chan@ca.ibm.com>  
Bryan Ford <brynosaurus@gmail.com>  
Bulat Gaifullin <gaifullinbf@gmail.com>  
Burak Guven <bguven@gmail.com>  
Caine Tighe <arctanofyourface@gmail.com>  
Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>  
Caleb Martinez <accounts@calebmartinez.com>  
Caleb Spare <cespare@gmail.com>  
Carl Chatfield <carlchatfield@gmail.com>  
Carl Henrik Lunde <chlunde@ifi.uio.no>  
Carl Jackson <carl@stripe.com>  
Carl Johnson <me@carlmjohnson.net>  
Carl Mastrangelo <notcarl@google.com>  
Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>  
Carlisia  
Campos <carlisia@grokkingtech.io>  
Carlo Alberto Ferraris <cafxx@strayorange.com>  
Carlos Castillo <cookieo9@gmail.com>  
Carlos Cirello <uldericofilho@gmail.com>  
Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>  
Carlos Souza <carloshrsouza@gmail.com>  
Carolyn Van Slyck <me@carolynvanslyck.com>  
Cary Hull <chull@google.com>  
Case Nelson <case.nelson@gmail.com>  
Casey Callendrello <squeed@gmail.com>  
Casey Marshall <casey.marshall@gmail.com>  
Catalin Nicutar <cnicutar@google.com>  
Catalin Patulea <catalinp@google.com>  
Cedric Staub <cs@squareup.com>  
Cezar S Espinola <cezarsa@gmail.com>  
Chad Rosier <mrosier.qdt@qualcommdatacenter.com>  
ChaiShushan <chaishushan@gmail.com>  
Channing Kimble-Brown <channing@golang.org>  
Charles Fenwick Elliott <Charles@FenwickElliott.io>  
Charles Kenney <charlesc.kenney@gmail.com>  
Charles L. Dorian <cldorian@gmail.com>  
Charles Lee <zombie.fml@gmail.com>  
Charles Weill <weill@google.com>  
Cherry Zhang <cherryz@google.com>

Chew Choon Keat <choonkeat@gmail.com>  
Cholerae  
Hu <choleraehyq@gmail.com>  
Chotepud Teo <AlexRouSg@users.noreply.github.com>  
Chris Ball <chris@printf.net>  
Chris Biscardi <chris@christopherbiscardi.com>  
Chris Broadfoot <cbro@golang.org>  
Chris Dollin <ehog.hedge@gmail.com>  
Chris Farmiloe <chrisfarms@gmail.com>  
Chris Hines <chris.cs.guy@gmail.com>  
Chris Howey <howeyc@gmail.com>  
Chris Hundt <hundt@google.com>  
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>  
Chris Kastorff <encryptio@gmail.com>  
Chris Lennert <calennert@gmail.com>  
Chris Liles <caveryliles@gmail.com>  
Chris Manghane <cmang@golang.org>  
Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>  
Chris Raynor <raynor@google.com>  
Chris Roche <rodaine@gmail.com>  
Chris Smith <chrsmith@users.noreply.github.com>  
Chris Stockton <chrisstocktonaz@gmail.com>  
Chris Zou <chriszou@ca.ibm.com>  
Christian Alexander <christian@linux.com>  
Christian Couder <chriscool@tuxfamily.org>  
Christian Himpel <chressie@googlegmail.com> <chressie@gmail.com>  
Christian Pellegrin <chri@evolware.org>  
Christian  
R. Petrin <christianpetrin@gmail.com>  
Christine Hansmann <chhansmann@gmail.com>  
Christoffer Buchholz <christoffer.buchholz@gmail.com>  
Christoph Blecker <admin@toph.ca>  
Christoph Hack <christoph@tux21b.org>  
Christopher Cahoon <chris.cahoon@gmail.com>  
Christopher Guiney <chris@guiney.net>  
Christopher Henderson <chris@chenderson.org>  
Christopher Koch <chrisko@google.com>  
Christopher Nelson <nadiasvertex@gmail.com>  
Christopher Nielsen <m4dh4tt3r@gmail.com>  
Christopher Redden <christopher.redden@gmail.com>  
Christopher Swenson <cswenson@google.com>  
Christopher Wedgwood <cw@f00f.org>  
Christos Zoulas <christos@zoulas.com> <zoulasc@gmail.com>  
Christy Perez <christy@linux.vnet.ibm.com>  
CL Sung <clsung@gmail.com> <cl\_sung@htc.com>  
Clment Chigot <clement.chigot@atos.net>  
Clement Skau <clementska@gmail.com>  
Cody Oss <the.cody.oss@gmail.com>

Colby Ranger <cranger@google.com>  
Colin Cross <ccross@android.com>  
Colin Edwards <colin@recursivepenguin.com>  
Colin Kennedy <moshen.colin@gmail.com>  
Colin  
Nelson <colnnelson@google.com>  
Colin Rice <clr@google.com>  
Conrad Irwin <conrad.irwin@gmail.com>  
Conrad Meyer <cemeyer@cs.washington.edu>  
Conrado Gouvea <conradopl@gmail.com>  
Constantin Konstantinidis <constantinkonstantinidis@gmail.com>  
Corey Thomasson <cthom.lists@gmail.com>  
Cosmos Nicolaou <cnicolaou@google.com>  
Costin Chirvasuta <ctin@google.com>  
Craig Citro <craigcitro@google.com>  
Cristian Staretu <unclejacksons@gmail.com>  
Cuihtlauac ALVARADO <cuihtlauac.alvarado@orange.com>  
Cyrill Schumacher <cyrill@schumacher.fm>  
Daisuke Fujita <dtanshi45@gmail.com>  
Daker Fernandes Pinheiro <daker.fernandes.pinheiro@intel.com>  
Damian Gryski <dgryski@gmail.com>  
Damien Lespiau <damien.lespiau@gmail.com> <damien.lespiau@intel.com>  
Damien Mathieu <42@dmathieu.com>  
Damien Neil <dneil@google.com>  
Damien Tournoud <damien@platform.sh>  
Dan Ballard <dan@mindstab.net>  
Dan Caddigan <goldcaddy77@gmail.com>  
Dan Callahan <dan.callahan@gmail.com>  
Dan Harrington <harringtond@google.com>  
Dan  
Jacques <dnj@google.com>  
Dan Johnson <computerdruidd@google.com>  
Dan Peterson <dpiddy@gmail.com>  
Dan Pupius <dan@medium.com>  
Dan Sinclair <dan.sinclair@gmail.com>  
Danil de Kok <me@danieldk.eu>  
Daniel Fleischman <danielfleischman@gmail.com>  
Daniel Ingram <ingramds@appstate.edu>  
Daniel Johansson <dajo2002@gmail.com>  
Daniel Kerwin <d.kerwin@gini.net>  
Daniel Krech <eikeon@eikeon.com>  
Daniel Lidn <daniel.liden.87@gmail.com>  
Daniel Mart <mvdan@mvdan.cc>  
Daniel Morsing <daniel.morsing@gmail.com>  
Daniel Nadasi <dnadasi@google.com>  
Daniel Nephin <dnephin@gmail.com>  
Daniel Ortiz Pereira da Silva <daniel.particular@gmail.com>  
Daniel Skinner <daniel@dasa.cc>



Daniel Speichert <daniel@speichert.pl>  
Daniel Theophanes <kardianos@gmail.com>  
Daniel Upton <daniel@floppy.co>  
Daniela Petruzalek <daniela.petruzalek@gmail.com>  
Danny Rosseau <daniel.rosseau@gmail.com>  
Daria Kolistratova <daria.kolistratova@intel.com>  
Darien Raymond <admin@v2ray.com>  
Darren Elwood <darren@textnode.com>  
Darshan Parajuli <parajulidarshan@gmail.com>  
Datong  
Sun <dndx@idndx.com>  
Dave Borowitz <dborowitz@google.com>  
Dave Bort <dbort@golang.org>  
Dave Cheney <dave@cheney.net>  
Dave Day <djd@golang.org>  
Dave Grijalva <dgrijalva@ngmoco.com>  
Dave MacFarlane <driusan@gmail.com>  
Dave Russell <forfuncsake@gmail.com>  
David Anderson <danderson@google.com>  
David Barnett <dbarnett@google.com>  
David Benjamin <davidben@google.com>  
David Brophy <dave@brophy.uk>  
David Brgin <676c7473@gmail.com>  
David Calavera <david.calavera@gmail.com>  
David Carlier <devnexen@gmail.com>  
David Chase <drchase@google.com>  
David Covert <davidhcovert@gmail.com>  
David Crawshaw <david.crawshaw@zentus.com> <crawshaw@google.com> <crawshaw@golang.org>  
David du Colombier <0intro@gmail.com>  
David Forsythe <dforsythe@gmail.com>  
David G. Andersen <dave.andersen@gmail.com>  
David Glasser <glasser@meteor.com>  
David Heuschmann <heuschmann.d@gmail.com>  
David Howden <dhowden@gmail.com>  
David Hubbard <dsp@google.com>  
David Jakob Fritz <david.jakob.fritz@gmail.com>  
David  
Jones <dxjones@gmail.com>  
David Lazar <lazard@golang.org>  
David Leon Gil <coruus@gmail.com>  
David McLeish <davemc@google.com>  
David Ndungu <dnjuguna@gmail.com>  
David NewHamlet <david@newhamlet.com>  
David Presotto <presotto@gmail.com>  
David R. Jenni <david.r.jenni@gmail.com>  
David Sansome <me@davidsansome.com>  
David Stainton <dstainton415@gmail.com>  
David Symonds <dsymonds@golang.org>

David Thomas <davidthomas426@gmail.com>  
David Timm <dtimm@pivotal.io>  
David Titarenco <david.titarenco@gmail.com>  
David Tolpin <david.tolpin@gmail.com>  
David Url <david@urld.io>  
David Volquartz Lebech <david@lebech.info>  
David Wimmer <davidlwimmer@gmail.com>  
Davies Liu <davies.liu@gmail.com>  
Davor Kapsa <davor.kapsa@gmail.com>  
Dean Prichard <dean.prichard@gmail.com>  
Deepak Jois <deepak.jois@gmail.com>  
Denis Bernard <db047h@gmail.com>  
Denis Brandolini <denis.brandolini@gmail.com>  
Denis Nagorny <denis.nagorny@intel.com>  
Dennis Kuhnert <mail.kuhnert@gmail.com>  
Denys Honsiorovskyi <honsiorovskyi@gmail.com>  
Denys  
Smirnov <denis.smirnov.91@gmail.com>  
Derek Buitenhuis <derek.buitenhuis@gmail.com>  
Derek Che <drc@yahoo-inc.com>  
Derek McGowan <derek@mcgstyle.net>  
Derek Parker <parkerderek86@gmail.com>  
Derek Shockey <derek.shockey@gmail.com>  
Dev Ojha <dojha12@gmail.com>  
Dev Zhoujun <dev.zhoujun@gmail.com>  
Devon H. O'Dell <devon.odell@gmail.com>  
Dhaivat Pandit <dhaivatpandit@gmail.com>  
Dhananjay Nakrani <dhananjayn@google.com>  
Dhiru Kholia <dhiru.kholia@gmail.com>  
Dhruvdudd Jadhav <dhruvdudd.jadhav@gmail.com>  
Di Xiao <dixiao@google.com>  
Didier Spezia <didier.06@gmail.com>  
Diego Siqueira <diego9889@gmail.com>  
Dieter Plaetinck <dieter@raintank.io>  
Dimitri Sokolyuk <sokolyuk@gmail.com>  
Dimitri Tcaciuc <dtcaciuc@gmail.com>  
Dina Garmash <dgrmsh@gmail.com>  
Diogo Pinela <diogoid7400@gmail.com>  
Dirk Gadsden <dirk@esherido.com>  
Diwaker Gupta <diwakergupta@gmail.com>  
Dmitri Popov <operator@cv.dp-net.com>  
Dmitri Shuralyov <dmitshur@golang.org> <dmitri@shuralyov.com>  
Dmitriy Cherchenko <dcherchenko@gmail.com>  
Dmitriy  
Dudkin <dudkin.dmitriy@gmail.com>  
Dmitriy Shelenin <deemok@googlemail.com> <deemok@gmail.com>  
Dmitriy Vyukov <dvyukov@google.com>  
Dmitry Chestnykh <dchest@gmail.com>

Dmitry Doroginin <doroginin@gmail.com>  
Dmitry Neverov <dmitry.neverov@gmail.com>  
Dmitry Savintsev <dsavints@gmail.com>  
Dmitry Yakunin <nonamezeil@gmail.com>  
Domen Ipavec <domen@ipavec.net>  
Dominic Green <dominicgreen1@gmail.com>  
Dominik Honnef <dominik.honnef@gmail.com>  
Dominik Vogt <vogt@linux.vnet.ibm.com>  
Don Byington <don@dbyington.com>  
Donald Huang <don.hcd@gmail.com>  
Dong-hee Na <donghee.na92@gmail.com>  
Donovan Hide <donovanhide@gmail.com>  
Doug Anderson <douga@google.com>  
Doug Fawley <dfawley@google.com>  
Douglas Danger Manley <doug.manley@gmail.com>  
Drew Flower <drewvanstone@gmail.com>  
Drew Hintz <adhintz@google.com>  
Duncan Holm <mail@frou.org>  
Dustin Carlino <dcarlino@google.com>  
Dustin Herbison <djherbis@gmail.com>  
Dustin Long <dustmop@gmail.com>  
Dustin Sallings <dsallings@gmail.com>  
Dustin Shields-Cloues  
<dcloues@gmail.com>  
Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>  
Dylan Waits <dylan@waits.io>  
Edan Bedrik <3d4nb3@gmail.com>  
Eden Li <eden.li@gmail.com>  
Eduard Urbach <e.urbach@gmail.com>  
Eduardo Ramalho <eduardo.ramalho@gmail.com>  
Edward Muller <edwardam@interlix.com>  
Egon Elbre <egonelbre@gmail.com>  
Ehren Kret <ehren.kret@gmail.com>  
Eitan Adler <lists@eitanadler.com>  
Eivind Uggedal <eivind@uggedal.com>  
Elbert Fliek <efliek@gmail.com>  
Eldar Rakhimberdin <ibeono@gmail.com>  
Elena Grahovac <elena@grahovac.me>  
Elias Naur <mail@eliasnaur.com> <elias.naur@gmail.com>  
Elliot Morrison-Reed <elliottmr@gmail.com>  
Emerson Lin <linyintor@gmail.com>  
Emil Hessman <emil@hessman.se>  
Emil Mursalimov <mursalimovemeel@gmail.com>  
Emilien Kenler <hello@emilienkenler.com>  
Emmanuel Odeke <emm.odeke@gmail.com> <odeke@ualberta.ca>  
Eno Compton <enocom@google.com>  
Eoghan Sherry <ejsherry@gmail.com>  
Eric Chiang <eric.chiang.m@gmail.com>

Eric Clark <zerohp@gmail.com>  
Eric Daniels <eric@erdaniels.com>  
Eric  
Engestrom <eric@engestrom.ch>  
Eric Garrido <ekg@google.com>  
Eric Koleda <ekoleda+devrel@google.com>  
Eric Lagergren <ericscottlagergren@gmail.com>  
Eric Milliken <emilliken@gmail.com>  
Eric Pauley <eric@pauley.me>  
Eric Ponce <tricokun@gmail.com>  
Eric Rescorla <ekr@rtfm.com>  
Eric Roshan-Eisner <eric.d.eisner@gmail.com>  
Eric Rykwalder <e.rykwalder@gmail.com>  
Erik Aigner <aigner.erik@gmail.com>  
Erik Dubbelboer <erik@dubbelboer.com>  
Erik St. Martin <alakriti@gmail.com>  
Erik Staab <estaab@google.com>  
Erik Westrup <erik.westrup@gmail.com>  
Erin Masatsugu <erin.masatsugu@gmail.com>  
Ernest Chiang <ernest\_chiang@htc.com>  
Erwin Oegema <blablaechthema@hotmail.com>  
Esko Luontola <esko.luontola@gmail.com>  
Ethan Burns <eaburns@google.com>  
Ethan Miller <eamiller@us.ibm.com>  
Euan Kemp <euank@euank.com>  
Eugene Kalinin <e.v.kalinin@gmail.com>  
Evan Broder <evan@stripe.com>  
Evan Brown <evanbrown@google.com>  
Evan Hicks <evan.hicks2@gmail.com>  
Evan Jones <ej@evanjones.ca>  
Evan Klitzke <evan@eklitzke.org>  
Evan Kroske  
<evankroske@google.com>  
Evan Martin <evan.martin@gmail.com>  
Evan Phoenix <evan@phx.io>  
Evan Shaw <chickencha@gmail.com>  
Evgeniy Polyakov <zbr@iorem.net>  
Ewan Chou <coocood@gmail.com>  
Ewan Valentine <ewan.valentine89@gmail.com>  
Eyal Posener <posener@gmail.com>  
Fabian Wickborn <fabian@wickborn.net>  
Fabian Zaremba <fabian@youreemail.eu>  
Fabrizio Milo <mistobaan@gmail.com>  
Faiyaz Ahmed <ahmedf@vmware.com>  
Fan Hongjian <fan.howard@gmail.com>  
Fangming Fang <fangming.fang@arm.com>  
Fannie Zhang <fannie.zhang@arm.com>  
Fatih Arslan <fatih@arslan.io>

Fazal Majid <majid@apsalar.com>  
Fazlul Shahriar <fshahriar@gmail.com>  
Federico Bond <federicobond@gmail.com>  
Federico Simoncelli <fsimonce@redhat.com>  
Fedor Indutny <fedor@indutny.com>  
Felipe Oliveira <felipeweb.programador@gmail.com>  
Felix Geisendrfer <haimuiba@gmail.com>  
Felix Kollmann <fk@konsorten.de>  
Filip Gruszczyski <gruszczzy@gmail.com>  
Filip Haglund <drathier@users.noreply.github.com>  
Filip Stanis <fstanis@google.com>  
Filippo Valsorda  
<filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>  
Firmansyah Adiputra <frm.adiputra@gmail.com>  
Florian Forster <octo@google.com>  
Florian Uekermann <florian@uekermann-online.de> <f1@uekermann-online.de>  
Florian Weimer <fw@deneb.enyo.de>  
Florin Patan <florinpatan@gmail.com>  
Folke Behrens <folke@google.com>  
Ford Hurley <ford.hurley@gmail.com>  
Francesc Campoy <campoy@golang.org>  
Francisco Claude <fclaude@recoded.cl>  
Francisco Rojas <francisco.rojas.gallegos@gmail.com>  
Francisco Souza <franciscossouza@gmail.com>  
Frank Schroeder <frank.schroeder@gmail.com>  
Frank Somers <fsomers@arista.com>  
Frederic Guillot <frederic.guillot@gmail.com>  
Frederick Kelly Mayle III <frederickmayle@gmail.com>  
Frederik Ring <frederik.ring@gmail.com>  
Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>  
Fredrik Forsmo <fredrik.forsmo@gmail.com>  
Fredrik Wallgren <fredrik.wallgren@gmail.com>  
Frew Schmidt <github@frew.co>  
Frithjof Schulze <schulze@math.uni-hannover.de> <sfrithjof@gmail.com>  
Frits van Bommel  
<fvbommel@gmail.com>  
Fumitoshi Ukai <ukai@google.com>  
G. Hussain Chinoy <ghchinoy@gmail.com>  
Gaal Yahas <gaal@google.com>  
Gabrel Arthr Ptursson <gabriel@system.is>  
Gabriel Aszalos <gabriel.aszalos@gmail.com>  
Gabriel Nicolas Avellaneda <avellaneda.gabriel@gmail.com>  
Gabriel Russell <gabriel.russell@gmail.com>  
Gareth Paul Jones <gpj@foursquare.com>  
Garret Kelly <gdk@google.com>  
Garrick Evans <garrick@google.com>  
Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com>  
Gary Elliott <garyelliott@google.com>

Gaurish Sharma <contact@aurishsharma.com>  
Gautham Thambidorai <gautham.dorai@gmail.com>  
Gauthier Jolly <gauthier.jolly@gmail.com>  
Geert-Johan Riemer <gjr19912@gmail.com>  
Genevieve Luyt <genevieve.luyt@gmail.com>  
Gengliang Wang <ltnwgl@gmail.com>  
Geoff Berry <gberry.qdt@qualcommdatacenter.com>  
Geoffroy Lorieux <lorieux.g@gmail.com>  
Geon Kim <geon0250@gmail.com>  
Georg Reinke <guelfey@gmail.com>  
George Gkirtsou <ggirtsou@gmail.com>  
George Shammass <george@shamm.as> <georgyo@gmail.com>  
Gerasimos  
(Makis) Maropoulos <kataras2006@hotmail.com>  
Gerasimos Dimitriadis <gedimitr@gmail.com>  
Gergely Brautigam <skarlso777@gmail.com>  
Getulio Snchez <valentin2507@gmail.com>  
Gianguido Sora` <g.sora4@gmail.com>  
Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com>  
Giles Lean <giles.lean@pobox.com>  
Giovanni Bajo <rasky@develer.com>  
GitHub User @ajnrp (1688456) <ajnrp@users.noreply.github.com>  
GitHub User @andrius4669 (4699695) <andrius4669@gmail.com>  
GitHub User @as (8127015) <as.utf8@gmail.com>  
GitHub User @bgadrian (830001) <aditza8@gmail.com>  
GitHub User @bontequero (2674999) <bontequero@gmail.com>  
GitHub User @cch123 (384546) <buaa.cch@gmail.com>  
GitHub User @chanxuehong (3416908) <chanxuehong@gmail.com>  
GitHub User @dupoxy (1143957) <dupoxy@users.noreply.github.com>  
GitHub User @erifan (31343225) <eric.fang@arm.com>  
GitHub User @esell (9735165) <eujon.sellers@gmail.com>  
GitHub User @itchyny (375258) <itchyny@hatena.ne.jp>  
GitHub User @kc1212 (1093806) <kc1212@users.noreply.github.com>  
GitHub  
User @Kropekk (13366453) <kamilkropiewnicki@gmail.com>  
GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com>  
GitHub User @madiganz (18340029) <zacharywmadigan@gmail.com>  
GitHub User @mkishere (224617) <224617+mkishere@users.noreply.github.com>  
GitHub User @OlgaVIPetrova (44112727) <OVPPetrova@gmail.com>  
GitHub User @pityonline (438222) <pityonline@gmail.com>  
GitHub User @pytimer (17105586) <lixin20101023@gmail.com>  
GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com>  
GitHub User @shogo-ma (9860598) <Choroma194@gmail.com>  
GitHub User @tell-k (26263) <ffk2005@gmail.com>  
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>  
GitHub User @uropek (39370426) <uropek@gmail.com>  
Giulio Iotti <dullgiulio@gmail.com>  
Giulio Micheloni <giulio.micheloni@gmail.com>

Giuseppe Valente <gvalente@arista.com>  
Gleb Stepanov <glebstepanov1992@gmail.com>  
Glenn Brown <glennb@google.com>  
Glenn Lewis <gmlewis@google.com>  
Gordon Klaus <gordon.klaus@gmail.com>  
Graham King  
<graham4king@gmail.com>  
Graham Miller <graham.miller@gmail.com>  
Grant Griffiths <ggp493@gmail.com>  
Greg Poirier <greg.istehbest@gmail.com>  
Greg Steuck <gneздо+github@google.com>  
Greg Ward <greg@gerg.ca>  
Grgoire Delattre <gregoire.delattre@gmail.com>  
Gregory Man <man.gregory@gmail.com>  
Guilherme Caruso <gui.martinscaruso@gmail.com>  
Guilherme Garnier <guilherme.garnier@gmail.com>  
Guilherme Goncalves <guilhermeaugustosg@gmail.com>  
Guilherme Rezende <guilhermebr@gmail.com>  
Guillaume J. Charmes <guillaume@charmest.net>  
Guobiao Mei <meiguobiao@gmail.com>  
Guoliang Wang <iamwgliang@gmail.com>  
Gustav Paul <gustav.paul@gmail.com>  
Gustav Westling <gustav@westling.xyz>  
Gustavo Franco <gustavorfranco@gmail.com>  
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>  
Gwenael Treguier <gwenn.kahz@gmail.com>  
Gyu-Ho Lee <gyuhox@gmail.com>  
H. brahim Gngr <igungor@gmail.com>  
Hajime Hoshi <hajimehoshi@gmail.com>  
Hallgrimur Gunnarsson <halg@google.com>  
HAMANO Tsukasa <hamano@osstech.co.jp>  
Han-Wen  
Nienhuys <hanwen@google.com>  
Hang Qian <hangqian90@gmail.com>  
Hanjun Kim <hallazzang@gmail.com>  
Harald Nordgren <haraldnordgren@gmail.com>  
Hari haran <hariharan.uno@gmail.com>  
Hariharan Srinath <srinathh@gmail.com>  
Harley Laue <losinggeneration@gmail.com>  
Harry Moreno <morenoh149@gmail.com>  
Harshavardhana <hrshvardhana@gmail.com>  
Hauke Lffler <hloeffler@users.noreply.github.com>  
Hvard Haugen <havard.haugen@gmail.com>  
He Liu <liulonnie@gmail.com>  
Hector Chu <hectorchu@gmail.com>  
Hector Martin Cantero <hector@marcansoft.com>  
Henning Schmiedehausen <henning@schmiedehausen.org>  
Henrik Edwards <henrik.edwards@gmail.com>

Henrik Hodne <henrik@hodne.io>  
Henry Adi Sumarto <henry.adisumarto@gmail.com>  
Henry Bubert <google@mindeco.de>  
Henry Chang <mr.changyuheng@gmail.com>  
Henry Clifford <h.a.clifford@gmail.com>  
Herbert Georg Fischer <herbert.fischer@gmail.com>  
Herbie Ong <herbie@google.com>  
Heschi Kreinick <heschi@google.com>  
Hidetatsu Yaginuma <ygnmhdt@gmail.com>  
Hilko Bengen <bengen@hilluzination.de>  
Hiroaki  
Nakamura <hnakamur@gmail.com>  
Hironao OTSUBO <motemen@gmail.com>  
Hiroshi Ioka <hirochachacha@gmail.com>  
Hitoshi Mitake <mitake.hitoshi@gmail.com>  
Holden Huang <ttyh061@gmail.com>  
Hong Ruiqi <hongruiqi@gmail.com>  
Hongfei Tan <feilengcui008@gmail.com>  
Hossein Sheikh Attar <hattar@google.com>  
Hsin Tsao <tsao@google.com>  
Hsin-Ho Yeh <yhh92u@gmail.com>  
Hu Keping <hukeping@huawei.com>  
Hugues Bruant <hugues.bruant@gmail.com>  
Huy Le <huy.dinh.le.89@gmail.com>  
Hyang-Ah Hana Kim <hakim@google.com> <hyangah@gmail.com>  
Ian Cottrell <iancottrell@google.com>  
Ian Davis <nospam@iandavis.com>  
Ian Gudger <ian@loosescre.ws>  
Ian Haken <ihaken@netflix.com>  
Ian Kent <iankent85@gmail.com>  
Ian Lance Taylor <iant@golang.org>  
Ian Leue <ian@appboy.com>  
Ian Zapolsky <ianzapolsky@gmail.com>  
Ibrahim AshShohail <ibra.sho@gmail.com>  
Icarus Sparry <golang@icarus.freeuk.com>  
Iccha Sethi <icchasethi@gmail.com>  
Idora Shinatose <idora.shinatose@gmail.com>  
Igor Bernstein <igorbernstein@google.com>  
Igor Dolzhikov  
<bluesriverz@gmail.com>  
Igor Vashyst <ivashyst@gmail.com>  
Igor Zhilianin <igor.zhilianin@gmail.com>  
Ilya Tocar <ilya.tocar@intel.com>  
INADA Naoki <songofacandy@gmail.com>  
Inanc Gumus <m@inanc.io>  
Ingo Gottwald <in.gottwald@gmail.com>  
Ingo Krabbe <ikrabbe.ask@gmail.com>  
Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>



Ioannis Georgoulas <geototti21@hotmail.com>  
Irfan Sharif <irfanmahmoudsharif@gmail.com>  
Irieda Noboru <irieda@gmail.com>  
Isaac Ardis <isaac.ardis@gmail.com>  
Isaac Wagner <ibw@isaacwagner.me>  
Iskander Sharipov <iskander.sharipov@intel.com> <quasilyte@gmail.com>  
Issac Trotts <issactrotts@google.com>  
Ivan Babrou <ivan@cloudflare.com>  
Ivan Bertona <ivan.bertona@gmail.com>  
Ivan Krasin <krasin@golang.org>  
Ivan Kutuzov <arbrix@gmail.com>  
Ivan Markin <sw@nogoegst.net>  
Ivan Moscoso <moscoso@gmail.com>  
Ivan Sharavuev <shpiwan@gmail.com>  
Ivan Ukhov <ivan.ukhov@gmail.com>  
Ivy Evans <ivy@ivyevans.net>  
Jaana Burcu Dogan <jbd@google.com> <jbd@golang.org> <burcujdogan@gmail.com>  
Jack  
Britton <jackxbritton@gmail.com>  
Jack Lindamood <jlindamo@justin.tv>  
Jacob Baskin <jbaskin@google.com>  
Jacob H. Haven <jacob@cloudflare.com>  
Jacob Hoffman-Andrews <github@hoffman-andrews.com>  
Jae Kwon <jae@tendermint.com>  
Jake B <doogie1012@gmail.com>  
Jakob Borg <jakob@nym.se>  
Jakob Weisblat <jakobw@mit.edu>  
Jakub ajka <jcajka@redhat.com>  
Jakub Ryszard Czarnowicz <j.czarnowicz@gmail.com>  
James Aguilar <jaguilar@google.com>  
James Bardin <j.bardin@gmail.com>  
James Chacon <jchacon@google.com>  
James Clarke <jrtc27@jrtc27.com>  
James Cowgill <James.Cowgill@imgtec.com>  
James Craig Burley <james-github@burleyarch.com>  
James David Chalfant <james.chalfant@gmail.com>  
James Fysh <james.fysh@gmail.com>  
James Gray <james@james4k.com>  
James Hartig <fastest963@gmail.com>  
James Lawrence <jljatone@gmail.com>  
James Meneghello <rawrz0r@gmail.com>  
James Myers <jfmyers9@gmail.com>  
James Neve <jamesoneve@gmail.com>  
James P. Cooper <jamespcooper@gmail.com>  
James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com>  
James  
Schofield <james@shoeboxapp.com>  
James Smith <jrs1995@icloud.com>

James Sweet <james.sweet88@googlemail.com>  
James Toy <nil@opensesame.st>  
James Treanor <jtreanor3@gmail.com>  
James Tucker <raggi@google.com>  
James Whitehead <jnwhiteh@gmail.com>  
Jamie Beverly <jamie.r.beverly@gmail.com>  
Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>  
Jamie Kerr <jkerr113@googlemail.com>  
Jamie Liu <jamieliu@google.com>  
Jamie Stackhouse <contin673@gmail.com>  
Jamie Turner <jamwt@dropbox.com>  
Jamie Wilkinson <jaq@spacepants.org>  
Jamil Djadala <djadala@gmail.com>  
Jan Berktold <jan@berktold.co>  
Jan H. Hosang <jan.hosang@gmail.com>  
Jan Kratochvil <jan.kratochvil@redhat.com>  
Jan Lehnardt <jan@apache.org>  
Jan Mercl <0xjnml@gmail.com> <befelemepeseveze@gmail.com>  
Jan Newmarch <jan.newmarch@gmail.com>  
Jan Pilzer <jan.pilzer@gmx.de>  
Jan Ziak <0xe2.0x9a.0x9b@gmail.com>  
Jani Monoses <jani.monoses@ubuntu.com> <jani.monoses@gmail.com>  
Jared Culp <jculp14@gmail.com>  
Jaroslav Poepko  
<jp@webmaster.ms>  
Jason A. Donenfeld <Jason@zx2c4.com>  
Jason Barnett <jason.w.barnett@gmail.com>  
Jason Buberel <jbuberel@google.com>  
Jason Chu <jasonchujc@gmail.com>  
Jason Del Ponte <delpontej@gmail.com>  
Jason Hall <jasonhall@google.com>  
Jason Keene <jasonkeene@gmail.com>  
Jason LeBrun <jblebrun@gmail.com>  
Jason Smale <jsmale@zendesk.com>  
Jason Travis <infomaniac7@gmail.com>  
Jason Wangsadinata <jwangsadinata@gmail.com>  
Javier Kohen <jkohen@google.com>  
Javier Segura <javism@gmail.com>  
Jay Conrod <jayconrod@google.com>  
Jay Taylor <outtatime@gmail.com>  
Jay Weisskopf <jay@jayschwa.net>  
Jean de Klerk <deklerk@google.com>  
Jean-Andr Santoni <jean.andre.santoni@gmail.com>  
Jean-Francois Cantin <jfcantin@gmail.com>  
Jean-Marc Eurin <jmeurin@google.com>  
Jean-Nicolas Moal <jn.moal@gmail.com>  
Jed Denlea <jed@fastly.com>  
Jeet Parekh <jeetparekh96@gmail.com>

Jeevanandam M <jeeva@myjeeva.com>  
Jeff (Zhefu) Jiang <jeffjiang@google.com>  
Jeff Craig <jeffcraig@google.com>  
Jeff Dupont <jeff.dupont@gmail.com>  
Jeff  
Hodges <jeff@somethingsimilar.com>  
Jeff Johnson <jrjohnson@google.com>  
Jeff R. Allen <jra@nella.org> <jeff.allen@gmail.com>  
Jeff Sickel <jas@corpus-callosum.com>  
Jeff Wendling <jeff@spacemonkey.com>  
Jeffrey H <jeffreyh192@gmail.com>  
Jelte Fennema <github-tech@jeltef.nl>  
Jens Frederich <jfrederich@gmail.com>  
Jeremiah Harmsen <jeremiah@google.com>  
Jeremy Banks <\_@jeremy.ca>  
Jeremy Canady <jcanady@gmail.com>  
Jeremy Jackins <jeremyjackins@gmail.com>  
Jeremy Schlatter <jeremy.schlatter@gmail.com>  
Jeroen Bobbeldijk <jerbob92@gmail.com>  
Jerrin Shaji George <jerrinsg@gmail.com>  
Jess Frazelle <me@jessfraz.com>  
Jesse Szwedko <jesse.szwedko@gmail.com>  
Jess Espino <jespinog@gmail.com>  
Jianing Yu <jnyu@google.com>  
Jianqiao Li <jianqiaoli@google.com>  
Jihyun Yu <yjh0502@gmail.com>  
Jim Cote <jfcote87@gmail.com>  
Jim Kingdon <jim@bolt.me>  
Jim McGrath <jimmc2@gmail.com>  
Jim Minter <jminter@redhat.com>  
Jimmy Frasche <soapboxcicero@gmail.com>  
Jimmy Zelinskie <jimmyzelinskie@gmail.com>  
Jin-wook Jeong <jeweljar@hanmail.net>  
Jingcheng  
Zhang <diogin@gmail.com>  
Jingguo Yao <yaojingguo@gmail.com>  
Jiong Du <londevil@gmail.com>  
Jirka Dank <dnk@mail.muni.cz>  
Jiulong Wang <jjiulongw@gmail.com>  
Joakim Sernbrant <serbaut@gmail.com>  
Joe Bowbeer <joe.bowbeer@gmail.com>  
Joe Cortopassi <joe@joecortopassi.com>  
Joe Farrell <joe2farrell@gmail.com>  
Joe Harrison <joehazzers@gmail.com>  
Joe Henke <joed.henke@gmail.com>  
Joe Kyo <xunianzu@gmail.com>  
Joe Poirier <jdpoirier@gmail.com>  
Joe Richey <joerichey@google.com>

Joe Shaw <joe@joeshaw.org>  
Joe Sylve <joe.sylve@gmail.com>  
Joe Tsai <joetsai@digital-static.net>  
Joel Sing <joel@sing.id.au> <jsing@google.com>  
Jol Stemmer <jstemmer@google.com>  
Joel Stemmer <stemmertech@gmail.com>  
Joey Geiger <jgeiger@users.noreply.github.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
Johan Euphrosine <propy@google.com>  
Johan Sageryd <j@1616.se>  
John Asmuth <jasmuth@gmail.com>  
John Beisley <huin@google.com>  
John C Barstow <jbowtie@amathaine.com>  
John DeNero <denero@google.com>  
John  
Dethridge <jcd@golang.org>  
John Gibb <johngibb@gmail.com>  
John Gilik <john@jgilik.com>  
John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>  
John Howard Palevich <jack.palevich@gmail.com>  
John Jeffery <jjeffery@sp.com.au>  
John Jenkins <twodopeshaggy@gmail.com>  
John Leidegren <john.leidegren@gmail.com>  
John Newlin <jnewlin@google.com>  
John Potocny <johnp@vividcortex.com>  
John R. Lenton <jlenton@gmail.com>  
John Schnake <schnake.john@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>  
Johnny Luo <johnnyluo1980@gmail.com>  
Jon Chen <jchen@justin.tv>  
Jonas Bernoulli <jonas@bernoul.li>  
Jonathan Allie <jonallie@google.com>  
Jonathan Amsterdam <jba@google.com>  
Jonathan Boulle <jonathanboulle@gmail.com>  
Jonathan Chen <dijonkitchen@users.noreply.github.com>  
Jonathan Feinberg <feinberg@google.com>  
Jonathan Gold <jgold.bg@gmail.com>  
Jonathan Hseu <jhseu@google.com>  
Jonathan Mark <jhmark@xenops.com> <jhmark000@gmail.com>  
Jonathan Nieder <jrn@google.com>  
Jonathan Pentecost  
<pentecostjonathan@gmail.com>  
Jonathan Pittman <jmpittman@google.com> <jonathan.mark.pittman@gmail.com>  
Jonathan Rudenberg <jonathan@titanous.com>  
Jonathan Stacks <jonstacks13@gmail.com>  
Jonathan Wills <runningwild@gmail.com>  
Jongmin Kim <atomaths@gmail.com>

Joonas Kuorilehto <joneskoo@derbian.fi>  
Joop Kiefte <ikojba@gmail.com> <joop@kiefte.net>  
Jordan Krage <jmank88@gmail.com>  
Jordan Lewis <jordanthelewis@gmail.com>  
Jordan Rhee <jordanrh@microsoft.com>  
Jos Visser <josv@google.com>  
Jose Luis Vzquez Gonzlez <josvazg@gmail.com>  
Joseph Bonneau <jcb@google.com>  
Joseph Holsten <joseph@josephholsten.com>  
Josh Bleecher Snyder <josharian@gmail.com>  
Josh Chorlton <jchorlton@gmail.com>  
Josh Deprez <josh.deprez@gmail.com>  
Josh Goebel <dreamer3@gmail.com>  
Josh Hoak <jhoak@google.com>  
Josh Holland <jrh@joshh.co.uk>  
Josh Roppo <joshroppo@gmail.com>  
Josh Varga <josh.varga@gmail.com>  
Joshua Boelter <joshua.boelter@intel.com>  
Joshua Chase <jcjosuachase@gmail.com>  
Joshua Rubin <joshua@rubixconsulting.com>  
Josselin  
Costanzi <josselin@costanzi.fr>  
Jostein Stuhaug <js@solidsystem.no>  
JP Sugarbroad <jpsugar@google.com>  
JT Olds <jtolds@xnet5.com>  
Juan Carlos <juanjcsr@gmail.com>  
Juan Pablo Civile <elementohb@gmail.com>  
Jude Pereira <judebpereira@gmail.com>  
Jukka-Pekka Kekkonen <karatepekka@gmail.com>  
Julia Hansbrough <flowerhack@google.com>  
Julian Kornberger <jk+github@digineo.de>  
Julian Pastarmov <pastarmovj@google.com>  
Julian Phillips <julian@quantumfyre.co.uk>  
Julie Qiu <julie@golang.org>  
Julien Kauffmann <julien.kauffmann@freelan.org>  
Julien Salleyron <julien.salleyron@gmail.com>  
Julien Schmidt <google@julienschmidt.com>  
Julio Montes <julio.montes@intel.com>  
Junda Liu <junda@celer.network>  
Jungho Ahn <jhahn@google.com>  
Junya Hayashi <ledmonster@gmail.com>  
Jure Ham <jure.ham@zemanta.com>  
Justin Gracenin <jgracenin@gmail.com>  
Justin Nu <nuss.justin@gmail.com>  
Justyn Temme <justyntemme@gmail.com>  
Kai Backman <kaib@golang.org>  
Kai Trukenmller <ktye78@gmail.com>  
Kale Blankenship <kale@lemnisis.com>

Kaleb

Elwert <kelwert@atlassian.com>

Kamal Aboul-Hosn <aboulhosn@google.com>

Kamil Chmielewski <kamil.chm@gmail.com>

Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>

Kamil Rytarowski <krytarowski@users.noreply.github.com>

Kang Hu <hukangustc@gmail.com>

Karan Dhiman <karandhi@ca.ibm.com>

Karel Pazdera <pazderak@gmail.com>

Karoly Negyesi <chx1975@gmail.com>

Karsten Khler <karsten.koehler95@gmail.com>

Kashav Madan <kshvmdn@gmail.com>

Kate Manson <kate.manson@izettle.com>

Katie Hockman <katie@golang.org>

Kato Kazuyoshi <kato.kazuyoshi@gmail.com>

Katrina Owen <katrina.owen@gmail.com>

Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>

Kay Zhu <kayzhu@google.com>

Kazuhiro Sera <seratch@gmail.com>

KB Sriram <kbsriram@google.com>

Keegan Carruthers-Smith <keegan.csmith@gmail.com>

Kei Son <hey.calmdown@gmail.com>

Keiji Yoshida <keijiyoshida.mail@gmail.com>

Keith Ball <inflatablewoman@gmail.com>

Keith Randall <khr@golang.org>

Keith Rarick <kr@xph.us>

Kelsey Hightower <kelsey.hightower@gmail.com>

Kelvin

Foo Chuan Lyi <vmirage@gmail.com>

Ken Friedenbach <kenliz@cruzio.com>

Ken Rockot <ken@oz.gs> <ken.rockot@gmail.com>

Ken Sedgwick <ken@bonsai.com>

Ken Thompson <ken@golang.org>

Kenji Kaneda <kenji.kaneda@gmail.com>

Kenji Yano <kenji.yano@gmail.com>

Kenneth Shaw <kenshaw@gmail.com>

Kenny Grant <kennygrant@gmail.com>

Kevin Ballard <kevin@sb.org>

Kevin Burke <kev@inburke.com>

Kevin Kirsche <kev.kirsche@gmail.com>

Kevin Klues <klueska@gmail.com> <klueska@google.com>

Kevin Malachowski <chowski@google.com>

Kevin Ruffin <kruffin@gmail.com>

Kevin Vu <kevin.m.vu@gmail.com>

Kevin Zita <bleedgreenandgold@gmail.com>

Kieran Colford <kieran@kcolford.com>

Kim Shrier <kshrier@racktopsystems.com>

Kim Yongbin <kybinz@gmail.com>

Kir Kolyshkin <kolyshkin@gmail.com>  
Kirill Smelkov <kirr@nexedi.com>  
Kirk Han <kirk91.han@gmail.com>  
Kirklin McDonald <kirklin.mcdonald@gmail.com>  
Klaus Post <klauspost@gmail.com>  
Kodie Goodwin <kodiegoodwin@gmail.com>  
Koichi Shiraishi <zchee.io@gmail.com>  
Koki  
Ide <niconegoto@yahoo.co.jp>  
Komu Wairagu <komuw05@gmail.com>  
Konstantin <konstantin8105@gmail.com>  
Konstantin Shaposhnikov <k.shaposhnikov@gmail.com>  
Kris Kwiatkowski <kris@cloudflare.com>  
Kris Nova <kris@nivenly.com>  
Kris Rousey <krousey@google.com>  
Kristopher Watts <traetox@gmail.com>  
Kun Li <likunarmstrong@gmail.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Kuntal Majumder <hellozee@disroot.org>  
Kyle Consalus <consalus@gmail.com>  
Kyle Isom <kyle@gokyle.net>  
Kyle Jones <kyle@kyledj.com>  
Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>  
Kyle Shannon <kyle@pobox.com>  
Kyle Spiers <eiais@google.com>  
Kyle Wood <kyle@kylewood.cc>  
Kyohei Kadota <lufia@lufia.org>  
Kyrylo Silin <silin@kyrylo.org>  
L Campbell <unpantsu@gmail.com>  
Lai Jiangshan <eag0628@gmail.com>  
Lajos Papp <lalyos@yahoo.com>  
Lakshay Garg <lakshay.garg.1996@gmail.com>  
Lann Martin <lanm@google.com>  
Lanre Adelowo <yo@lanre.wtf>  
Larry Clapp <larry@theclapp.org>  
Larry Hosken <lahosken@golang.org>  
Lars Jeppesen <jeppesen.lars@gmail.com>  
Lars  
Lehtonen <lars.lehtonen@gmail.com>  
Lars Wiegman <lars@namsral.com>  
Larz Conwell <larzconwell@gmail.com>  
Laurent Voisin <lpvoisin@gmail.com>  
Laurie Clark-Michalek <laurie@qubit.com>  
LE Manh Cuong <cuong.manhle.vn@gmail.com>  
Lee Hinman <hinman@gmail.com>  
Lee Packham <lpackham@gmail.com>  
Lehner Florian <dev@der-flo.net>  
Leigh McCulloch <leighmcc@gmail.com>

Leo Antunes <leo@costela.net>  
Leo Rudberg <ljr@google.com>  
Leon Klingele <git@leonklingele.de>  
Leonel Quinteros <leonel.quinteros@gmail.com>  
Lev Shamardin <shamardin@gmail.com>  
Lewin Bormann <lewin.bormann@gmail.com>  
Lion Yang <lion@aosc.xyz>  
Lloyd Dewolf <foolswisdom@gmail.com>  
Lorenz Bauer <lmb@cloudflare.com>  
Lorenzo Masini <rugginoso@develer.com>  
Lorenzo Stoakes <lstoakes@gmail.com>  
Louis Kruger <louisk@google.com>  
Luan Santos <cfcluan@gmail.com>  
Lubomir I. Ivanov <neolit123@gmail.com>  
Luca Bruno <luca.bruno@coreos.com>  
Luca Greco <luca.greco@alcacoop.it>  
Lucas Bremgartner <lucas.bremgartner@gmail.com>  
Lucas Clemente  
<lclemente@google.com>  
Lucien Stuker <lucien.stuker@gmail.com>  
Lucio De Re <lucio.dere@gmail.com>  
Ludi Rehak <ludi317@gmail.com>  
Luigi Riefolo <luigi.riefolo@gmail.com>  
Luit van Drongelen <luitvd@gmail.com>  
Luka Zakrajek <tr00.g33k@gmail.com>  
Lukasz Milewski <lmmilewski@gmail.com>  
Luke Curley <qpingu@gmail.com>  
Luke Granger-Brown <git@lukegb.com>  
Luna Duclos <luna.duclos@palmstonegames.com>  
Luuk van Dijk <lvd@golang.org> <lvd@google.com>  
Lyle Franklin <lylejfranklin@gmail.com>  
Lynn Boger <laboger@linux.vnet.ibm.com>  
Ma Peiqi <mapeiqi2017@gmail.com>  
Maarten Bezemer <maarten.bezemer@gmail.com>  
Maciej Dbski <maciejd@google.com>  
Magnus Hiie <magnus.hiie@gmail.com>  
Maicon Costa <maiconscosta@gmail.com>  
Mak Kolybabi <mak@kolybabi.com>  
Maksym Trykur <maksym.trykur@gmail.com>  
Mal Curtis <mal@mal.co.nz>  
Manfred Touron <m@42.am>  
Manigandan Dharmalingam <manigandan.jeff@gmail.com>  
Manish Goregaokar <manishsmail@gmail.com>  
Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>  
Mansour  
Rahimi <rahimi.mnr@gmail.com>  
Manu Garg <manugarg@google.com>  
Manu S Ajith <neo@codingarena.in>



Manuel Mendez <mmendez534@gmail.com>  
Marc Weistroff <marc@weistroff.net>  
Marc-Antoine Ruel <maruel@chromium.org>  
Marcel Edmund Franke <marcel.edmund.franke@gmail.com>  
Marcel van Lohuizen <mpvl@golang.org>  
Marcelo Cantos <marcelo.cantos@gmail.com>  
Marcelo E. Magallon <marcelo.magallon@gmail.com>  
Marco Hennings <marco.hennings@freiheit.com>  
Marcus Willock <crazcalm@gmail.com>  
Marga Manterola <marga@google.com>  
Marin Bai <marin.basic02@gmail.com>  
Mario Arranz <marioarranzr@gmail.com>  
Marius Nuennerich <mnu@google.com>  
Mark Adams <mark@markadams.me>  
Mark Bucciarelli <mkbucc@gmail.com>  
Mark Harrison <marhar@google.com>  
Mark Percival <m@mdp.im>  
Mark Pulford <mark@kyne.com.au>  
Mark Rushakoff <mark.rushakoff@gmail.com>  
Mark Ryan <mark.d.ryan@intel.com>  
Mark Severson <miquella@gmail.com>  
Mark Theunissen <mark.theunissen@gmail.com>  
Mark Wolfe <mark@wolfe.id.au>  
Mark Zavislak <zavislak@google.com>  
Marko  
Juhani Silokunnas <marko.silokunnas@gmail.com>  
Marko Kevac <marko@kevac.org>  
Marko Mikulicic <mkm@google.com>  
Marko Mudrinic <mudrinic.mare@gmail.com>  
Marko Tiikkaja <marko@joh.to>  
Markus Duft <markus.duft@salomon.at>  
Markus Sonderegger <marraison@gmail.com>  
Markus Zimmermann <zimmski@gmail.com>  
Marten Seemann <martenseemann@gmail.com>  
Martin Bertschler <mbertschler@gmail.com>  
Martin Garton <garton@gmail.com>  
Martin Habbecke <marhab@google.com>  
Martin Hamrle <martin.hamrle@gmail.com>  
Martin Hoefling <martin.hoefling@gmx.de>  
Martin Kreichgauer <martinkr@google.com>  
Martin Kunc <martinkunc@users.noreply.github.com>  
Martin Lindhe <martin.j.lindhe@gmail.com>  
Martin Mohrmann <moehrmann@google.com> <martisch@uos.de>  
Martin Neubauer <m.ne@gmx.net>  
Martin Olsen <github.com@martinolsen.net>  
Martin Olsson <martin@minimum.se>  
Martin Probst <martin@probst.io>  
Martin Sucha <anty.sk+git@gmail.com>

Martin Tournoij <martin@arp242.net>  
Martins Sipenko <martins.sipenko@gmail.com>  
Martynas Budrinas  
<mabu@google.com>  
Marvin Stenger <marvin.stenger94@gmail.com>  
Marwan Sulaiman <marwan.sulaiman@work.co>  
Maryan Hratson <gmarik@gmail.com>  
Masahiro Furudate <masahiro.furudate@gmail.com>  
Masahiro Wakame <vvakame@gmail.com>  
Masaki Yoshida <yoshida.masaki@gmail.com>  
Mat Byczkowski <mbyczkowski@gmail.com>  
Mat Ryer <thatmatryer@gmail.com>  
Mt Gulys <mgulyas86@gmail.com>  
Matej Bao <matejbaco@gmail.com>  
Mateus Amin <mateus.amin@gmail.com>  
Mateusz Czapliski <czapkofan@gmail.com>  
Mathias Beke <git@denbeke.be>  
Mathias Hall-Andersen <mathias@hall-andersen.dk>  
Mathias Leppich <mleppich@muhqu.de>  
Mathieu Lonjaret <mathieu.lonjaret@gmail.com>  
Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>  
Matt Aimonetti <mattaimonetti@gmail.com>  
Matt Blair <me@matthewblair.net>  
Matt Bostock <matt@mattbostock.com>  
Matt Brown <mdbrown@google.com>  
Matt Dee <mdee@hioscar.com>  
Matt Drollette <matt@drollette.com>  
Matt Harden <matt.harden@gmail.com>  
Matt Jibson <matt.jibson@gmail.com>  
Matt Joiner <anacrolix@gmail.com>  
Matt  
Jones <mrjones@google.com>  
Matt Juran <thepciet@gmail.com>  
Matt Layher <mdllyher@gmail.com>  
Matt Reiferson <mreiferson@gmail.com>  
Matt Robenolt <matt@ydekproductions.com>  
Matt Strong <mstrong1341@gmail.com>  
Matt T. Proud <matt.proud@gmail.com>  
Matt Williams <gh@mattyw.net> <mattyjwilliams@gmail.com>  
Matthew Brennan <matty.brennan@gmail.com>  
Matthew Broberg <matthewbbroberg@gmail.com>  
Matthew Cottingham <mattcottingham@gmail.com>  
Matthew Dempsky <mdempsky@google.com>  
Matthew Denton <mdenton@skyportsystems.com>  
Matthew Holt <Matthew.Holt+git@gmail.com>  
Matthew Horsnell <matthew.horsnell@gmail.com>  
Matthew Waters <mwwaters@gmail.com>  
Matthieu Hauglustaine <matt.hauglustaine@gmail.com>

Matthieu Olivier <olivier.matthieu@gmail.com>  
Matthijs Kooijman <matthijs@stdin.nl>  
Max Riveiro <kavu13@gmail.com>  
Max Schmitt <max@schmitt.mx>  
Max Ushakov <ushmax@gmail.com>  
Maxim Khitrov <max@mxcrypt.com>  
Maxim Pimenov <mpimenov@google.com>  
Maxim Ushakov <ushakov@google.com>  
Maxime de Roucy <maxime.deroucy@gmail.com>  
Mximo  
Cuadros Ortiz <mcuadros@gmail.com>  
Maxwell Krohn <themax@gmail.com>  
Maya Rashish <maya@NetBSD.org>  
Mayank Kumar <krmayankk@gmail.com>  
Meir Fischer <meirfischer@gmail.com>  
Meng Zhuo <mengzhuo1203@gmail.com>  
Mhd Sulhan <m.shulhan@gmail.com>  
Micah Stetson <micah.stetson@gmail.com>  
Michael Anthony Knyszek <mknyszek@google.com>  
Michael Brandenburg <mbrandenburg@bolste.com>  
Michael Chaten <mchaten@gmail.com>  
Michael Darakananda <pongad@google.com>  
Michael Dorner <mail@michaeldorf.de>  
Michael Edwards <medwards@walledcity.ca>  
Michael Elkins <michael.elkins@gmail.com>  
Michael Ellis <micellis@justin.tv>  
Michael Fraenkel <michael.fraenkel@gmail.com>  
Michael Fromberger <michael.j.fromberger@gmail.com>  
Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>  
Michael Henderson <mdhender@users.noreply.github.com>  
Michael Hendricks <michael@ndrix.org>  
Michael Hoisie <hoisie@gmail.com>  
Michael Hudson-Doyle <michael.hudson@linaro.org>  
Michael Kasch <michael.kasch@gmail.com>  
Michael  
Kufel <golang@c.michael-kaeufl.de>  
Michael Kelly <mjk@google.com>  
Michael Lewis <mikelikespie@gmail.com>  
Michael MacInnis <Michael.P.MacInnis@gmail.com>  
Michael Marineau <michael.marineau@coreos.com>  
Michael Matloob <matloob@google.com>  
Michael McConville <momconville@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Michael McLoughlin <mmcloughlin@gmail.com>  
Michael Munday <mike.munday@ibm.com>  
Michael Pearson <mipearson@gmail.com>  
Michael Piatek <piatek@google.com>  
Michael Pratt <mpratt@google.com>

Michael Schaller <michael@5challer.de>  
Michael Schurter <michael.schurter@gmail.com>  
Michael Shields <mshields@google.com>  
Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>  
Michael Steinert <mike.steinert@gmail.com>  
Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>  
Michael Teichgrber <mteichgraeber@gmx.de> <mt4swm@googlemail.com>  
Michael Traver <mtraver@google.com>  
Michael Vetter <g.bluehut@gmail.com>  
Michal Bohuslvek <mbohuslvek@gmail.com>  
Michal  
Cierniak <cierniak@google.com>  
Micha Derkacz <ziutek@inet.pl>  
Michal Franc <lam.michal.franc@gmail.com>  
Michal Pristas <michal.pristas@gmail.com>  
Michal Rostecki <mrostecki@suse.de>  
Michalis Kargakis <michaliskargakis@gmail.com>  
Michel Lespinasse <>walken@google.com>  
Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>  
Miguel Mendez <stxmendez@gmail.com>  
Miguel Molina <hi@mvader.me>  
Mihai Borobocea <MihaiBorobocea@gmail.com>  
Mihai Todor <todormihai@gmail.com>  
Mihail Minaev <minaev.mike@gmail.com>  
Mikael Tillenius <mikti42@gmail.com>  
Mike Andrews <mra@xoba.com>  
Mike Appleby <mike@app.leby.org>  
Mike Danese <mikedanese@google.com>  
Mike Houston <mike@kothar.net>  
Mike Kabischev <kabischev@gmail.com>  
Mike Rosset <mike.rosset@gmail.com>  
Mike Samuel <mikesamuel@gmail.com>  
Mike Solomon <msolo@gmail.com>  
Mike Strosaker <strosake@us.ibm.com>  
Mike Tsao <mike@sowbug.com>  
Mike Wiacek <mjwiacek@google.com>  
Mikhail Gusarov <dottedmag@dottedmag.net>  
Mikhail Panchenko <m@mihasya.com>  
Miki Tebeka <miki.tebeka@gmail.com>  
Mikio  
Hara <mikioh.mikioh@gmail.com>  
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>  
Mikoaj Baranowski <mikolajb@gmail.com>  
Milan Knezevic <milan.knezevic@mips.com>  
Milutin Jovanovic <jovanovic.milutin@gmail.com>  
MinJae Kwon <mingrammer@gmail.com>  
Miquel Sabat Sol <mikisabate@gmail.com>  
Miroslav Genov <mgenov@gmail.com>

Misty De Meo <mistydemeo@gmail.com>  
Mohit Agarwal <mohit@sdf.org>  
Mohit kumar Bajoria <mohitbajo36@gmail.com>  
Momchil Velikov <momchil.velikov@gmail.com>  
Monis Khan <mkhan@redhat.com>  
Monty Taylor <mordred@inaugust.com>  
Moriyoshi Koizumi <mozo@mozo.jp>  
Morten Siebuhr <sbhr@sbhr.dk>  
Mshe van der Sterre <moshevds@gmail.com>  
Mostyn Bramley-Moore <mostyn@antipode.se>  
Mrunal Patel <mrunalp@gmail.com>  
Muhammad Falak R Wani <falakreyaz@gmail.com>  
Muhammed Uluyol <uluyol0@gmail.com>  
Mura Li <mura\_li@castech.com.tw>  
Nan Deng <monnand@gmail.com>  
Naoki Kanatani <k12naoki@gmail.com>  
Nate Wilkinson <nathanwilk7@gmail.com>  
Nathan Cantelmo <n.cantelmo@gmail.com>  
Nathan  
Caza <mastercactapus@gmail.com>  
Nathan Humphreys <nkhumphreys@gmail.com>  
Nathan John Youngman <nj@nathany.com>  
Nathan Otterness <otterness@cs.unc.edu>  
Nathan P Finch <nate.finch@gmail.com>  
Nathan VanBenschoten <nvanbenschoten@gmail.com>  
Nathan Youngman <git@nathany.com>  
Nathan(yinian) Hu <nathanhu@google.com>  
Nathaniel Cook <nvcook42@gmail.com>  
Naveen Kumar Sangi <naveenkumarsangi@protonmail.com>  
Neelesh Chandola <neeleesh.c98@gmail.com>  
Neil Lyons <nwjlyons@googlemail.com>  
Neuman Vong <neuman.vong@gmail.com>  
Neven Sajko <nsajko@gmail.com>  
Nevins Bartolomeo <nevins.bartolomeo@gmail.com>  
Niall Sheridan <nsheridan@gmail.com>  
Nic Day <nic.day@me.com>  
Nicholas Katsaros <nick@nickkatsaros.com>  
Nicholas Maniscalco <nicholas@maniscalco.com>  
Nicholas Ng <nickng@nickng.io>  
Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>  
Nicholas Sullivan <nicholas.sullivan@gmail.com>  
Nicholas Waples <nwaples@gmail.com>  
Nick Cooper <nmvc@google.com>  
Nick Craig-Wood <nick@craig-wood.com> <nickcw@gmail.com>  
Nick  
Harper <nharper@google.com>  
Nick Kubala <nkubala@google.com>  
Nick Leli <nicholasleli@gmail.com>

Nick Miyake <nmiyake@users.noreply.github.com>  
Nick Patavalis <nick.patavalis@gmail.com>  
Nick Petroni <npetroni@cs.umd.edu>  
Nick Robinson <nrobinson13@gmail.com>  
Nick Smolin <nick27surgut@gmail.com>  
Nicolas BRULEZ <n.brulez@gmail.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas Owens <mischief@offblast.org>  
Nicolas S. Dade <nic.dade@gmail.com>  
Niek Sanders <niek.sanders@gmail.com>  
Niels Widger <niels.widger@gmail.com>  
Nigel Kerr <nigel.kerr@gmail.com>  
Nigel Tao <nigeltao@golang.org>  
Nik Nyby <nnyby@columbia.edu>  
Nikhil Benesch <nikhil.benesch@gmail.com>  
Niklas Schnelle <niklas.schnelle@gmail.com>  
Niko Dziemba <niko@dziemba.com>  
Nikolay Turpitko <nikolay@turpitko.com>  
Nils Larsgrd <nilsmagnus@gmail.com>  
Niranjan Godbole <niranjan8192@gmail.com>  
Nishanth Shanmugham <nishanth.gerrard@gmail.com>  
Noah Campbell <noahcampbell@gmail.com>  
Noble Johnson <noblepoly@gmail.com>  
Nodir Turakulov  
<nodir@google.com>  
Noel Georgi <git@frezbo.com>  
Norberto Lopes <nlopes.ml@gmail.com>  
Odin Ugedal <odin@ugedal.com>  
Oleg Bulatov <dimage@yandex-team.ru>  
Oleg Vakheta <helginet@gmail.com>  
Oleku Konko <oleku.konko@gmail.com>  
Oling Cat <olingcat@gmail.com>  
Oliver Hookins <ohookins@gmail.com>  
Oliver Stenbom <ostenbom@pivotal.io>  
Oliver Tonnhofer <olt@bogosoftware.com>  
Olivier Antoine <olivier.antoine@gmail.com>  
Olivier Duperray <duperray.olivier@gmail.com>  
Olivier Poitrey <rs@dailymotion.com>  
Olivier Saingre <osaingre@gmail.com>  
Omar Jarjur <ojarjur@google.com>  
Oryan Moshe <iamoryanmoshe@gmail.com>  
Osamu TONOMORI <osamingo@gmail.com>  
zgr Kesim <oec-go@kesim.org>  
Pablo Lalloni <plalloni@gmail.com>  
Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>  
Pablo Santiago Blum de Aguiar <scorplus@gmail.com>  
Padraig Kitterick <padraigkitterick@gmail.com>  
Pallat Anchaleechamaikorn <yod.pallat@gmail.com>

Paolo Giarrusso <p.giarrusso@gmail.com>  
Paolo Martini <mrtnpaolo@gmail.com>  
Parker Moore <parkrmoore@gmail.com>  
Parminder  
Singh <parmsingh101@gmail.com>  
Pascal S. de Kloe <pascal@quies.net>  
Pat Moroney <pat@pat.email>  
Patrick Crosby <patrick@stathat.com>  
Patrick Gavlin <pgavlin@gmail.com>  
Patrick Higgins <patrick.allen.higgins@gmail.com>  
Patrick Lee <pattyshack101@gmail.com>  
Patrick Mzard <patrick@mezard.eu>  
Patrick Mylund Nielsen <patrick@patrickmn.com>  
Patrick Pelletier <pp.pelletier@gmail.com>  
Patrick Riley <pfr@google.com>  
Patrick Smith <pat42smith@gmail.com>  
Paul A Querna <paul.querna@gmail.com>  
Paul Borman <borman@google.com>  
Paul Boyd <boyd.paul2@gmail.com>  
Paul Chang <paulchang@google.com>  
Paul Hammond <paul@paulhammond.org>  
Paul Hankin <paulhankin@google.com>  
Paul Jolly <paul@myitcv.org.uk>  
Paul Lalonde <paul.a.lalonde@gmail.com>  
Paul M Furley <paul@paulfurley.com>  
Paul Marks <pmarks@google.com>  
Paul Meyer <paul.meyer@microsoft.com>  
Paul Nasrat <pnasrat@google.com>  
Paul PISCUC <paul.piscuc@gmail.com>  
Paul Querna <pquerna@apache.org>  
Paul Rosania <paul.rosania@gmail.com>  
Paul Ruest  
<pruest@gmail.com>  
Paul Sbarra <Sbarra.Paul@gmail.com>  
Paul Smith <paulsmith@pobox.com> <paulsmith@gmail.com>  
Paul Tyng <paul@paultyng.net>  
Paul van Brouwershaven <paul@vanbrouwershaven.com>  
Paul Wankadia <junyer@google.com>  
Paulo Casaretto <pcasaretto@gmail.com>  
Paulo Flabiano Smorigo <pfsmorigo@linux.vnet.ibm.com>  
Pavel Paulau <pavel.paulau@gmail.com>  
Pavel Zinovkin <pavel.zinovkin@gmail.com>  
Pavlo Sumkin <ymkins@gmail.com>  
Pawel Knap <pawelknap88@gmail.com>  
Pawel Szczur <filemon@google.com>  
Percy Wegmann <ox.to.a.cart@gmail.com>  
Perry Abbott <perry.j.abbott@gmail.com>  
Petar Maymoukov <petarm@gmail.com>

Peter Armitage <peter.armitage@gmail.com>  
Peter Bourgon <peter@bourgon.org>  
Peter Collingbourne <pcc@google.com>  
Peter Conerly <pconerly@gmail.com>  
Peter Dotchev <dotchev@gmail.com>  
Peter Froehlich <peter.hans.froehlich@gmail.com>  
Peter Gonda <pgonda@google.com>  
Peter Hoyes <pahoyes@gmail.com>  
Peter Kleiweg <pkleiweg@xs4all.nl>  
Peter McKenzie <petermck@google.com>  
Peter Moody <pmoody@uber.com>  
Peter  
Morjan <pmorjan@gmail.com>  
Peter Mundy <go.peter.90@gmail.com>  
Peter Nguyen <peter@mictis.com>  
Pter Surnyi <speter.go1@gmail.com>  
Pter Szab <pts@google.com>  
Pter Szilgyi <peterke@gmail.com>  
Peter Teichman <pteichman@fastly.com>  
Peter Tseng <ptseng@squareup.com>  
Peter Waldschmidt <peter@waldschmidt.com>  
Peter Waller <peter.waller@gmail.com>  
Peter Weinberger <pjw@golang.org>  
Peter Williams <pwil3058@gmail.com>  
Peter Wu <pwu@cloudflare.com>  
Peter Zhang <i@ddatsh.com>  
Petrica Voicu <pvoicu@paypal.com>  
Phil Pearl <philip.j.r.pearl@gmail.com>  
Phil Pennock <pdp@golang.org>  
Philip Brgesen <philip.brgesen@gmail.com>  
Philip Brown <phil@bolthole.com>  
Philip Hofer <phofer@umich.edu>  
Philip K. Warren <pkwarren@gmail.com>  
Philip Nelson <me@pnelson.ca>  
Philipp Stephani <phst@google.com>  
Pierre Durand <pierredurand@gmail.com>  
Pierre Prinetti <pierreprinetti@gmail.com>  
Pierre Roullon <pierre.roullon@gmail.com>  
Piers <google@hellopiers.pro>  
Pieter Droogendijk <pieter@binky.org.uk>  
Pietro  
Gagliardi <pietro10@mac.com>  
Piyush Mishra <piyush@codeitout.com>  
Plekhanov Maxim <kishtatix@gmail.com>  
Pontus Leitzler <leitzler@gmail.com>  
Prasanna Swaminathan <prasanna@mediamath.com>  
Prashant Varanasi <prashant@prashantv.com>  
Pravendra Singh <hackpravj@gmail.com>



Preetam Jinka <pj@preet.am>  
Qais Patankar <qaisjp@gmail.com>  
Qiuxuan Zhu <ilsh1022@gmail.com>  
Quan Tran <qeed.quan@gmail.com>  
Quan Yong Zhai <qyzhai@gmail.com>  
Quentin Perez <qperez@ocs.online.net>  
Quentin Renard <contact@asticode.com>  
Quentin Smith <quentin@golang.org>  
Quinn Slack <sq@sourcegraph.com>  
Quinten Yearsley <qyearsley@chromium.org>  
Quoc-Viet Nguyen <afelion@gmail.com>  
Radek Sohlich <sohlich@gmail.com>  
Radu Berinde <radu@cockroachlabs.com>  
Rafal Jeczalik <rjeczalik@gmail.com>  
Raghavendra Nagaraj <jamdagni86@gmail.com>  
Rahul Chaudhry <rahulchaudhry@chromium.org>  
Raif S. Naffah <go@naffah-raif.name>  
Rajat Goel <rajat.goel2010@gmail.com>  
Rajath Agasthya <rajathagasthya@gmail.com>  
Rajender Reddy Kompally <rajenderreddykompally@gmail.com>  
Ralph  
Corderoy <ralph@inputplus.co.uk>  
Ramazan AYYILDIZ <rayyildiz@gmail.com>  
Ramesh Dharan <dharan@google.com>  
Raph Levien <raph@google.com>  
Raphael Geronimi <raphael.geronimi@gmail.com>  
Raul Silvera <rsilvera@google.com>  
Ravil Bikbulatov <weeellz12@gmail.com>  
RaviTeja Pothana <ravi.tezu@gmail.com>  
Ray Tung <rtung@thoughtworks.com>  
Raymond Kazlauskas <raima220@gmail.com>  
Rebecca Stambler <rstambler@golang.org>  
Reilly Watson <reillywatson@gmail.com>  
Reinaldo de Souza Jr <juniorz@gmail.com>  
Remi Gillig <remigillig@gmail.com>  
Rmy Oudompheng <oudomphe@phare.normalesup.org> <remyoudompheng@gmail.com>  
Rens Rikkerink <Ikkerens@users.noreply.github.com>  
Rhys Hiltner <rhys@justin.tv>  
Ricardo Padilha <ricardospadilha@gmail.com>  
Richard Barnes <rlb@ipv.sx>  
Richard Crowley <r@rcrowley.org>  
Richard Dingwall <rdingwall@gmail.com>  
Richard Eric Gavaletz <gavaletz@gmail.com>  
Richard Gibson <richard.gibson@gmail.com>  
Richard Miller <miller.research@gmail.com>  
Richard Musiol  
<mail@richard-musiol.de> <neelance@gmail.com>  
Rick Arnold <rickarnoldjr@gmail.com>

Rick Hudson <rlh@golang.org>  
Rick Sayre <whorfin@gmail.com>  
Rijnard van Tonder <rvantonder@gmail.com>  
Riku Voipio <riku.voipio@linaro.org>  
Risto Jaakko Saarelna <rsaarelna@gmail.com>  
Rob Earhart <earhart@google.com>  
Rob Norman <rob.norman@infinitycloud.com>  
Rob Phoenix <rob@robphoenix.com>  
Rob Pike <r@golang.org>  
Robert Daniel Kortschak <dan.kortschak@adelaide.edu.au> <dan@kortschak.io>  
Robert Dinu <r@varp.se>  
Robert Figueiredo <robfig@gmail.com>  
Robert Griesemer <gri@golang.org>  
Robert Hencke <robert.hencke@gmail.com>  
Robert Iannucci <iannucci@google.com>  
Robert Obryk <robryk@gmail.com>  
Robert Seseek <rseseek@google.com>  
Robert Snedegar <roberts@google.com>  
Robert Stepanek <robert.stepanek@gmail.com>  
Robert-Andr Mauchin <zebob.m@gmail.com>  
Roberto Clapis <robclap8@gmail.com>  
Roberto Selbach <roberto@selbach.ca>  
Robin Eklind <r.eklind.87@gmail.com>  
Rodolfo Carvalho <rhcarvalho@gmail.com>  
Rodolfo Rodriguez  
<rodolfobgibson@gmail.com>  
Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>  
Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>  
Roger Pau Monn <royger@gmail.com>  
Roger Peppe <rogpeppe@gmail.com>  
Roland Illig <roland.illig@gmx.de>  
Roland Shoemaker <rolandshoemaker@gmail.com>  
Roman Budnikov <romanyx90@yandex.ru>  
Roman Shchekin <mrqtros@gmail.com>  
Ron Hashimoto <mail@h2so5.net>  
Ron Minnich <rminnich@gmail.com>  
Ross Chater <rdchater@gmail.com>  
Ross Light <light@google.com> <rlight2@gmail.com>  
Ross Smith II <ross@smithii.com>  
Rowan Marshall <rowanajmarshall@gmail.com>  
Rowan Worth <sqweek@gmail.com>  
Rudi Kramer <rudi.kramer@gmail.com>  
Rui Ueyama <ruiui@google.com>  
Ruslan Nigmatullin <elessar@dropbox.com>  
Russ Cox <rsc@golang.org>  
Russell Haering <russellhaering@gmail.com>  
Ryan Bagwell <ryanbagwell@outlook.com>  
Ryan Barrett <ryanb@google.com>

Ryan Boehning <ryan.boehning@apcera.com>  
Ryan Brown <ribrdb@google.com>  
Ryan Canty <jrcanty@gmail.com>  
Ryan Dahl <ry@tinyclouds.org>  
Ryan Hitchman  
<hitchmanr@gmail.com>  
Ryan Lower <rpjlower@gmail.com>  
Ryan Roden-Corrent <ryan@rcorre.net>  
Ryan Seys <ryan@ryanseys.com>  
Ryan Slade <ryanslade@gmail.com>  
Ryan Zhang <ryan.zhang@docker.com>  
Ryoichi KATO <ryo1kato@gmail.com>  
Ryuji Iwata <qt.luigi@gmail.com>  
Ryuma Yoshida <ryuma.y1117@gmail.com>  
Ryuzo Yamamoto <ryuzo.yamamoto@gmail.com>  
S.alar Onur <caglar@10ur.org>  
Sabin Mihai Rapan <sabin.rapan@gmail.com>  
Sai Cheemalapati <saicheems@google.com>  
Sakeven Jiang <jc5930@sina.cn>  
Salmn Aljammz <s@0x65.net>  
Sam Boyer <tech@samboyer.org>  
Sam Ding <samding@ca.ibm.com>  
Sam Hug <samuel.b.hug@gmail.com>  
Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>  
Sam Whited <sam@samwhited.com>  
Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>  
Sami Commerot <samic@google.com>  
Sami Pnknen <sami.ponkanen@gmail.com>  
Samuel Kelemen <SCKelemen@users.noreply.github.com>  
Samuel Tan <samueltan@google.com>  
Samuele Pedroni <pedronis@lucediaruna.net>  
Sanjay Menakuru <balasanjay@gmail.com>  
Santhosh Kumar  
Tekuri <santhosh.tekuri@gmail.com>  
Sarah Adams <shadams@google.com>  
Sascha Brawer <sascha@brawer.ch>  
Sasha Lionheart <lionhearts@google.com>  
Sasha Sobol <sasha@scaledinference.com>  
Scott Barron <scott.barron@github.com>  
Scott Bell <scott@sctsm.com>  
Scott Crunkleton <crunk1@gmail.com>  
Scott Ferguson <scottwferg@gmail.com>  
Scott Lawrence <bytbox@gmail.com>  
Scott Mansfield <smansfield@netflix.com>  
Scott Schwartz <scotts@golang.org>  
Scott Van Woudenberg <scottvw@google.com>  
Sean Burford <sburford@google.com>  
Sean Chen <oohcode@gmail.com>

Sean Chittenden <seanc@joyent.com>  
Sean Christopherson <sean.j.christopherson@intel.com>  
Sean Dolphin <Sean.Dolphin@kpcompass.com>  
Sean Harger <sharger@google.com>  
Sean Rees <sean@erifax.org>  
Sebastiaan van Stijn <github@gone.nl>  
Sebastian Schmidt <yath@google.com>  
Sebastien Binet <seb.binet@gmail.com>  
Sbastien Paolacci <sebastien.paolacci@gmail.com>  
Sebastien Williams-Wynn <sebastien@cytora.com>  
Seiji Takahashi <timaki.st@gmail.com>  
Sergei Skorobogatov  
<skorobo@rambler.ru>  
Sergey 'Snake' Gromov <snake.scaly@gmail.com>  
Sergey Arseev <sergey.arseev@intel.com>  
Sergey Frolov <sfrolov@google.com>  
Sergey Lukjanov <me@slukjanov.name>  
Sergey Mishin <sergeymishine@gmail.com>  
Sergey Mudrik <sergey.mudrik@gmail.com>  
Sergey Semin <gray12511@gmail.com>  
Sergio Luis O. B. Correia <sergio@correia.cc>  
Sergiusz Bazanski <bazanski@gmail.com>  
Serhii Aheienko <serhii.aheienko@gmail.com>  
Seth Hoenig <seth.a.hoenig@gmail.com>  
Seth Vargo <sethvargo@gmail.com>  
Shahar Kohanim <skohanim@gmail.com>  
Shamil Garatuev <garatuev@gmail.com>  
Shane Hansen <shanemhansen@gmail.com>  
Shaozhen Ding <dsz0111@gmail.com>  
Shaun Dunning <shaun.dunning@uservoice.com>  
Shawn Ledbetter <sledbetter@google.com>  
Shawn Smith <shawn.p.smith@gmail.com>  
Shawn Walker-Salas <shawn.walker@oracle.com>  
Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>  
Shengyu Zhang <shengyu.zhang@chaitin.com>  
Shi Han Ng <shihanng@gmail.com>  
Shijie Hao <haormj@gmail.com>  
Shinji Tanaka <shinji.tanaka@gmail.com>  
Shintaro  
Kaneko <kaneshin0120@gmail.com>  
Shivakumar GN <shivakumar.gn@gmail.com>  
Shivansh Rai <shivansh@freebsd.org>  
Shun Fan <sfan@google.com>  
Silvan Jegen <s.jegen@gmail.com>  
Simon Jefford <simon.jefford@gmail.com>  
Simon Rawet <simon@rawet.se>  
Simon Thulbourn <simon+github@thulbourn.com>  
Simon Whitehead <chemnova@gmail.com>

Sina Siadat <siadat@gmail.com>  
Sokolov Yura <funny.falcon@gmail.com>  
Song Gao <song@gao.io>  
Spencer Nelson <s@spenczar.com>  
Spencer Tung <spencertung@google.com>  
Spring Mc <heresy.mc@gmail.com>  
Srdjan Petrovic <spetrovic@google.com>  
Sridhar Venkatakrishnan <sridhar@laddoo.net>  
StalkR <stalkr@stalkr.net>  
Stan Schwertly <stan@schwertly.com>  
Stanislav Afanasev <php.progger@gmail.com>  
Steeve Morin <steeve.morin@gmail.com>  
Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>  
Stepan Shabalin <neverliberty@gmail.com>  
Stephan Renatus <srenatus@chef.io>  
Stphane Travostino <stephane.travostino@gmail.com>  
Stephen Lewis <stephen@sock.org.uk>  
Stephen Lu <steuhs@users.noreply.github.com>  
Stephen  
Ma <stephenm@golang.org>  
Stephen McQuay <stephen@mcquay.me>  
Stephen Searles <stephens2424@gmail.com>  
Stephen Weinberg <stephen@q5comm.com>  
Steve Francia <spf@golang.org>  
Steve Gilbert <stevegilbert23@gmail.com>  
Steve LoFurno <slofurno@gmail.com>  
Steve McCoy <mccoyst@gmail.com>  
Steve Newman <snewman@google.com>  
Steve Phillips <elimistev@gmail.com>  
Steve Streeting <steve@stevestreeting.com>  
Steven Buss <sbuss@google.com>  
Steven Elliot Harris <seharris@gmail.com>  
Steven Erenst <stevenerenst@gmail.com>  
Steven Hartland <steven.hartland@multiplay.co.uk>  
Steven Littlebrant <imgroxx@gmail.com>  
Steven Wilkin <stevenwilkin@gmail.com>  
Stuart Jansen <sjansen@buscaluz.org>  
Sue Spence <virtuallysue@gmail.com>  
Sugu Sougoumarane <ssougou@gmail.com>  
Suharsh Sivakumar <suharshs@google.com>  
Sukrit Handa <sukrit.handa@utoronto.ca>  
Sunny <me@darkowlzz.space>  
Suriyaa Sundararuban <suriyaasundararuban@gmail.com>  
Suyash <dextrous93@gmail.com>  
Suzy Mueller <suzmue@golang.org>  
Sven  
Almgren <sven@tras.se>  
Sven Blumenstein <svbl@google.com>

Sylvain Zimmer <sylvain@sylvainzimmer.com>  
Syohei YOSHIDA <syohex@gmail.com>  
Szabolcs Nagy <nsz@port70.net>  
Taavi Kivisik <taavi.kivisik@gmail.com>  
Tad Fisher <tadfisher@gmail.com>  
Tad Glines <tad.glines@gmail.com>  
Tadas Valiukas <tadovas@gmail.com>  
Taesu Pyo <pyotaesu@gmail.com>  
Taj Khattrra <taj.khattrra@gmail.com>  
Takashi Matsuo <tmatsuo@google.com>  
Takayoshi Nishida <takayoshi.nishida@gmail.com>  
Takeshi YAMANASHI <9.nashi@gmail.com>  
Takuto Ikuta <tikuta@google.com>  
Takuya Ueda <uedatakuya@gmail.com>  
Tal Shprecher <tshprecher@gmail.com>  
Tamir Duberstein <tamird@gmail.com>  
Tao Shen <shentaoskyking@gmail.com>  
Tao Wang <twang2218@gmail.com>  
Tarmigan Casebolt <tarmigan@gmail.com>  
Taro Aoki <aizu.s1230022@gmail.com>  
Taru Karttunen <taruti@taruti.net>  
Tatsuhiko Tsujikawa <tatsuhiko.t@gmail.com>  
Tatsuya Kaneko <m.ddot.f@gmail.com>  
Taufiq Rahman <taufiqrx8@gmail.com>  
Teague Cole <tnc1443@gmail.com>  
Ted Kornish <golang@tedkornish.com>  
Tejasvi  
Nareddy <tejunareddy@gmail.com>  
Terin Stock <terinjokes@gmail.com>  
Terrel Shumway <gopher@shumway.us>  
Tetsuo Kiso <tetsuokiso9@gmail.com>  
Than McIntosh <thanm@google.com>  
Thanabodee Charoenpiriyakij <wingyminus@gmail.com>  
Thanatat Tamtan <acoshift@gmail.com>  
Thiago Avelino <t@avelino.xxx>  
Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>  
Thomas Alan Copeland <talan.copeland@gmail.com>  
Thomas Bonfort <thomas.bonfort@gmail.com>  
Thomas Bouldin <inlined@google.com>  
Thomas Bruyelle <thomas.bruyelle@gmail.com>  
Thomas Bushnell, BSG <tbushnell@google.com>  
Thomas de Zeeuw <thomasdezeeuw@gmail.com>  
Thomas Desrosiers <thomasdesr@gmail.com>  
Thomas Habets <habets@google.com>  
Thomas Kappler <tkappler@gmail.com>  
Thomas Meson <zllak@hycik.org>  
Thomas Wanielista <tomwans@gmail.com>  
Thorben Krueger <thorben.krueger@gmail.com>

Thordur Bjornsson <thorduri@secnorth.net>  
Tiago Queiroz <contato@tiago.eti.br>  
Tilman Dilo <tilman.dilo@gmail.com>  
Tim Cooijmans <timcooijmans@gmail.com>  
Tim  
Cooper <tim.cooper@layeh.com>  
Tim Ebringer <tim.ebringer@gmail.com>  
Tim Heckman <t@heckman.io>  
Tim Henderson <tim.tadh@gmail.com>  
Tim Hockin <thockin@google.com>  
Tim Swast <swast@google.com>  
Tim Wright <tenortim@gmail.com>  
Tim Xu <xiaoxubeii@gmail.com>  
Timo Savola <timo.savola@gmail.com>  
Timo Truys <alkaloid.btx@gmail.com>  
Timothy Studd <tim@timstudd.com>  
Tipp Moseley <tipp@google.com>  
Tobias Assarsson <tobias.assarsson@gmail.com>  
Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>  
Tobias Klauser <tklauser@distanz.ch>  
Toby Burrell <kurin@google.com>  
Todd Neal <todd@tneal.org>  
Todd Wang <toddwang@gmail.com>  
Tom Bergan <tombergan@google.com>  
Tom Heng <zhm20070928@gmail.com>  
Tom Lanyon <tomlanyon@google.com>  
Tom Levy <tomlevy93@gmail.com>  
Tom Limoncelli <tal@whatexit.org>  
Tom Linfoord <tomlinfoord@gmail.com>  
Tom Payne <twpayne@gmail.com>  
Tom Szymanski <tgs@google.com>  
Tom Thorogood <me+google@tomthorogood.co.uk>  
Tom Wilkie <tom@weave.works>  
Tommy Schaefer  
<tommy.schaefer@teecom.com>  
Tomoya Ishizaki <zaq1tomo@gmail.com>  
Tonis Tiigi <tonistiigi@gmail.com>  
Tony Reix <tony.reix@bull.net>  
Tony Walker <walkert.uk@gmail.com>  
Tor Andersson <tor.andersson@gmail.com>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Toshiki Shima <hayabusa1419@gmail.com>  
Totoro W <tw19881113@gmail.com>  
Travis Bischel <travis.bischel@gmail.com>  
Travis Cline <travis.cline@gmail.com>  
Trevor Strohman <trevor.strohman@gmail.com>  
Trey Lawrence <lawrence.trey@gmail.com>  
Trey Roessig <trey.roessig@gmail.com>

Trey Tacon <ttacon@gmail.com>  
Tristan Amini <tamini01@ca.ibm.com>  
Tristan Colgate <tcolgate@gmail.com>  
Tristan Oohry <oohry@gmail.com>  
Tristan Rice <rice@fn.lc>  
Troels Thomsen <troels@thomsen.io>  
Trung Nguyen <trung.n.k@gmail.com>  
Tudor Golubenco <tudor.g@gmail.com>  
Tugdual Saunier <tugdual.saunier@gmail.com>  
Tuo Shan <sturbo89@gmail.com> <shantuo@google.com>  
Tyler Bui-Palsulich <tpalsulich@google.com>  
Tyler Bunnell <tylerbunnell@gmail.com>  
Tyler Treat <ttreat31@gmail.com>  
Tzu-Jung  
Lee <roylee17@currant.com>  
Ugorji Nwoke <ugorji@gmail.com>  
Ulf Holm Nielsen <doktor@dyregod.dk>  
Ulrich Kunitz <uli.kunitz@gmail.com>  
Umang Parmar <umangjparmar@gmail.com>  
Uriel Mangado <uriel@berlinblue.org>  
Urvil Patel <patelurvil38@gmail.com>  
Uttam C Pawar <uttam.c.pawar@intel.com>  
Vadim Grek <vadimprog@gmail.com>  
Vadim Vygonets <unixdj@gmail.com>  
Val Polouchkine <vpolouch@justin.tv>  
Vega Garcia Luis Alfonso <vegacom@gmail.com>  
Venil Noronha <veniln@vmware.com>  
Veselkov Konstantin <kostozyb@gmail.com>  
Viacheslav Poturaev <vearutop@gmail.com>  
Victor Chudnovsky <vchudnov@google.com>  
Victor Vrantchan <vrancean+github@gmail.com>  
Vignesh Ramachandra <vickyramachandra@gmail.com>  
Vikas Kedia <vikask@google.com>  
Vincent Ambo <tazjin@googlemail.com>  
Vincent Batts <vbatts@hashbangbash.com> <vbatts@gmail.com>  
Vincent Vanackere <vincent.vanackere@gmail.com>  
Vinu Rajashekhar <vinutheraj@gmail.com>  
Vish Subramanian <vish@google.com>  
Vishvananda Ishaya <vishvananda@gmail.com>  
Visweswara  
R <r.visweswara@gmail.com>  
Vitor De Mario <vitordemario@gmail.com>  
Vlad Krasnov <vlad@cloudflare.com>  
Vladimir Kovpak <cn007b@gmail.com>  
Vladimir Kuzmin <vkuzmin@uber.com>  
Vladimir Mihailenco <vladimir.webdev@gmail.com>  
Vladimir Nikishenko <vova616@gmail.com>  
Vladimir Stefanovic <vladimir.stefanovic@imgtec.com>



Vladimir Varankin <nek.narqo@gmail.com>  
Volker Dobler <dr.volker.dobler@gmail.com>  
Volodymyr Paprotski <vpaprots@ca.ibm.com>  
W. Trevor King <wking@tremily.us>  
Wade Simmons <wade@wades.im>  
Walter Poupore <wpoupore@google.com>  
Wander Lairson Costa <wcosta@mozilla.com>  
Warren Fernandes <warren.f.fernandes@gmail.com>  
Wayne Ashley Berry <wayneashleyberry@gmail.com>  
Wedson Almeida Filho <wedsonaf@google.com>  
Weerasak Chongnguluam <singpor@gmail.com>  
Wi Cngru <crvv.mail@gmail.com>  
Wei Fu <fhfuwei@163.com>  
Wei Guangjing <vcc.163@gmail.com>  
Wei Xiao <wei.xiao@arm.com>  
Weichao Tang <tevic.tt@gmail.com>  
Wembley G. Leach, Jr <wembley.gl@gmail.com>  
Wil Selwood <wselwood@gmail.com>  
Wilfried  
Teiken <wteiken@google.com>  
Will Beason <willbeason@gmail.com>  
Will Chan <willchan@google.com>  
Will Faught <will.faught@gmail.com>  
Will Morrow <wmorrow.qdt@qualcommdatacenter.com>  
Will Norris <willnorris@google.com>  
Will Storey <will@summercat.com>  
Willem van der Schyff <willemvds@gmail.com>  
William Chan <willchan@chromium.org>  
William Chang <mr.williamchang@gmail.com>  
William Josephson <wjosephson@gmail.com>  
William Orr <will@worrbase.com> <ay1244@gmail.com>  
Wisdom Omuya <deafgoat@gmail.com>  
Wu Yunzhou <yunzhouwu@gmail.com>  
Xi Ruoyao <xry23333@gmail.com>  
Xia Bin <snyh@snyh.org>  
Xing Xing <mikespook@gmail.com>  
Xu Fei <badgangkiller@gmail.com>  
Xudong Zhang <felixmelon@gmail.com>  
Xudong Zheng <7pkvm5aw@slicealias.com>  
Xuyang Kang <xuyangkang@gmail.com>  
Yamagishi Kazutoshi <ykzts@desire.sh>  
Yan Zou <yzou@google.com>  
Yann Hodique <yhodique@google.com>  
Yann Kerherv <yann.kerherve@gmail.com>  
Yann Salan <yannsalaun1@gmail.com>  
Yao Zhang <lunaria21@gmail.com>  
Yaron de Leeuw <jarondl@google.com>  
Yasha

Bubnov <girokompass@gmail.com>  
Yasuharu Goto <matope.ono@gmail.com>  
Yasuhiro Matsumoto <mattn.jp@gmail.com>  
Yasuyuki Oka <yasuyk@gmail.com>  
Yazen Shunnar <yazen.shunnar@gmail.com>  
Yestin Sun <ylh@pdx.edu>  
Yesudeep Mangalapilly <yesudeep@google.com>  
Yissakhar Z. Beck <yissakhar.beck@gmail.com>  
Yo-An Lin <yoanlin93@gmail.com>  
Yohei Takeda <yo.tak0812@gmail.com>  
Yongjian Xu <i3dmaster@gmail.com>  
Yorman Arias <cixtords@gmail.com>  
Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>  
Yoshiyuki Mineo <yoshiyuki.mineo@gmail.com>  
Yosuke Akatsuka <yosuke.akatsuka@gmail.com>  
Yu Heng Zhang <annita.zhang@cn.ibm.com>  
Yu Xuan Zhang <zyxsh@cn.ibm.com>  
Yuji Yaginuma <yuuji.yaginuma@gmail.com>  
Yuki OKUSHI <huyuumi.dev@gmail.com>  
Yuki Yugui Sonoda <yugui@google.com>  
Yukihiro Nishinaka <6elpinal@gmail.com>  
Yury Smolsky <yury@smolsky.by>  
Yusuke Kagiwada <block.rxckin.beats@gmail.com>  
Yuusei Kuwana <kuwana@kumama.org>  
Yuval Pavel Zholkover <paulzhol@gmail.com>  
Yves Junqueira <yvesj@google.com>  
<yves.junqueira@gmail.com>  
Zac Bergquist <zbergquist99@gmail.com>  
Zach Bintliff <zbintliff@gmail.com>  
Zach Gershman <zachgersh@gmail.com>  
Zachary Amsden <zach@thundertoken.com>  
Zachary Gershman <zgershman@pivotal.io>  
Zak <zrjknill@gmail.com>  
Zakatell Kanda <hi@zkanda.io>  
Zellyn Hunter <zellyn@squareup.com> <zellyn@gmail.com>  
Zev Goldstein <zev.goldstein@gmail.com>  
Zheng Dayu <davidzheng23@gmail.com>  
Zheng Xu <zheng.xu@arm.com>  
Zhengyu He <hzy@google.com>  
Zhongpeng Lin <zplin@uber.com>  
Zhongtao Chen <chenzhongtao@126.com>  
Zhongwei Yao <zhongwei.yao@arm.com>  
Zhou Peng <p@ctruple.cn>  
Ziad Hatahet <hatahet@gmail.com>  
Zorion Arrizabalaga <zorionk@gmail.com>  
<max.faceless.frei@gmail.com>  
<hagen1778@gmail.com>  
<tbunyk@gmail.com>

<faxriddinjon@gmail.com>

<zs349596@gmail.com>

<bronze1man@gmail.com>

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# 1.623 python-requests 2.28.1

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## 1.625 colorama 0.4.5

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# Please keep the list sorted.

Aaron France <aaron.l.france@gmail.com>  
Aaron Kemp <kemp.aaron@gmail.com>  
Abhinav Gupta <abhinav.g90@gmail.com>  
Adam Langley <agl@golang.org>  
Adrian Nos <nos.adrian@gmail.com>  
Adrian O'Grady <elpollouk@gmail.com>  
Adrien Bustany <adrien-xx-google@bustany.org>

Ahmed Waheed Moanes <oneofone@gmail.com>  
Akshat Kumar <seed@mail.nanosouffle.net>  
Alan Donovan <adonovan@google.com>  
Alan Shreve <alan@inconshreveable.com>  
Albert Strasheim <fullung@gmail.com>  
Alberto Donizetti <alb.donizetti@gmail.com>  
Alberto Garca Hierro <alberto@garciahierro.com> <alberto.garcia.hierro@gmail.com>  
Aleksandar Dezelin <dezelin@gmail.com>  
Alex A Skinner <alex@lx.lc>  
Alex Brainman <alex.brainman@gmail.com>  
Alex  
Bramley <abramley@google.com>  
Alex Jin <toalexjin@gmail.com>  
Alexander Larsson <alexander.larsson@gmail.com>  
Alexander Orlov <alexander.orlov@loxal.net>  
Alexander Reece <awreece@gmail.com>  
Alexander Surma <surma@surmair.de>  
Alexander Zhavnerchik <alex.vizor@gmail.com>  
Alexandre Normand <alexandre.normand@gmail.com>  
Alexandru Mooi <brtznr@gmail.com>  
Alexei Sholik <alcosholik@gmail.com>  
Alexey Borzenkov <snaury@gmail.com>  
Alexey Palazhchenko <alexey.palazhchenko@gmail.com>  
Alexis Imperial-Legrand <ail@google.com>  
Amir Mohammad Saied <amir@gluegadget.com>  
Amrut Joshi <amrut.joshi@gmail.com>  
Andrea Spadaccini <spadaccio@google.com>  
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>  
Andrei Vieru <euvieru@gmail.com>  
Andres Erbsen <andreser@google.com>  
Andrew Balholm <andybalholm@gmail.com>  
Andrew Bonventre <andybons@chromium.org>  
Andrew Bursavich <abursavich@gmail.com>  
Andrew Gerrand <adg@golang.org>  
Andrew Harding <andrew@spacemonkey.com>  
Andrew Lutomirski <andy@luto.us>  
Andrew  
Pritchard <awpritchard@gmail.com>  
Andrew Radev <andrey.radev@gmail.com>  
Andrew Skiba <skibaa@gmail.com>  
Andrew Szeto <andrew@jabagawee.com>  
Andrew Wilkins <axwalk@gmail.com>  
Andrey Mirtchovski <mirtchovski@gmail.com>  
Andriy Lytvynov <lytvynov.a.v@gmail.com>  
Andy Davis <andy@bigandian.com>  
Anfernee Yongkun Gui <anfernee.gui@gmail.com>  
Anh Hai Trinh <anh.hai.trinh@gmail.com>  
Anschel Schaffer-Cohen <anschelsc@gmail.com>

Anthony Eufemio <anthony.eufemio@gmail.com>  
Anthony Martin <ality@pbrane.org>  
Anthony Starks <ajstarks@gmail.com>  
Apisak Darakananda <pongad@gmail.com>  
Aram Hvrneanu <aram@mgk.ro>  
Arnaud Ysmal <arnaud.ysmal@gmail.com>  
Arne Hormann <arnehormann@gmail.com>  
Aron Nopanen <aron.nopanen@gmail.com>  
Arvindh Rajesh Tamilmanni <art@a-30.net>  
Asim Shankar <asimshankar@gmail.com>  
Ato Araki <ato.araki@gmail.com>  
Aulus Egnatius Varialus <varialus@gmail.com>  
Austin Clements <austin@google.com> <aclements@csail.mit.edu>  
Balazs Lecz <leczb@google.com>  
Ben Eitzen <eitzenb@golang.org>  
Ben  
Fried <ben.fried@gmail.com>  
Ben Lynn <benlynn@gmail.com>  
Ben Olive <sionide21@gmail.com>  
Benjamin Black <b@b3k.us>  
Benny Siegert <bsiegert@gmail.com>  
Benoit Sigoure <tsunanet@gmail.com>  
Berengar Lehr <Berengar.Lehr@gmx.de>  
Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>  
Bill Thiede <couchmoney@gmail.com>  
Billie Harold Cleek <bhcleek@gmail.com>  
Bjorn Tillenius <bjorn@tilenius.me>  
Bjorn Tipling <bjorn.tipling@gmail.com>  
Blake Mizerany <blake.mizerany@gmail.com>  
Bobby Powers <bobbypowers@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>  
Brad Garcia <bgarcia@golang.org>  
Brendan Daniel Tracey <tracey.brendan@gmail.com>  
Brendan O'Dea <bod@golang.org>  
Brian Dellisanti <briandellisanti@gmail.com>  
Brian G. Merrell <bgmerrell@gmail.com>  
Brian Gitonga Marete <marete@toshnix.com>  
Brian Ketelsen <bketelsen@gmail.com>  
Brian Slesinsky <skybrian@google.com>  
Burcu Dogan <jbd@google.com>  
Caine Tighe <arctanofyourface@gmail.com>  
Caleb Spare  
<cespare@gmail.com>  
Carl Chatfield <carlchatfield@gmail.com>  
Carl Mastrangelo <notcarl@google.com>  
Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>  
Carlos Castillo <cookieo9@gmail.com>  
Cary Hull <chull@google.com>

Case Nelson <case.nelson@gmail.com>  
Casey Marshall <casey.marshall@gmail.com>  
Catalin Patulea <catalinp@google.com>  
Cezar S Espinola <cezarsa@gmail.com>  
ChaiShushan <chaishushan@gmail.com>  
Charles L. Dorian <cldorian@gmail.com>  
Charles Lee <zombie.fml@gmail.com>  
Chris Dollin <ehog.hedge@gmail.com>  
Chris Farmiloe <chrisfarms@gmail.com>  
Chris Howey <howeyc@gmail.com>  
Chris Hundt <hundt@google.com>  
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>  
Chris Lennert <calennert@gmail.com>  
Chris Manghane <cmang@golang.org>  
Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>  
Christian Himpel <chressie@googlemail.com> <chressie@gmail.com>  
Christine Hansmann <chhansmann@gmail.com>  
Christoffer Buchholz <christoffer.buchholz@gmail.com>  
Christoph Hack <christoph@tux21b.org>  
Christopher  
  Cahoon <chris.cahoon@gmail.com>  
  Christopher Nielsen <m4dh4tt3r@gmail.com>  
  Christopher Redden <christopher.redden@gmail.com>  
  Christopher Swenson <cswenson@google.com>  
  Christopher Wedgwood <cw@f00f.org>  
  Clement Skau <clementska@gmail.com>  
  Colby Ranger <cranger@google.com>  
  Conrad Meyer <cemeyer@cs.washington.edu>  
  Corey Thomasson <cthom.lists@gmail.com>  
  Cosmos Nicolaou <cnicolaou@google.com>  
  Cristian Staretu <unclejacksons@gmail.com>  
  Damian Gryski <dgryski@gmail.com>  
  Damien Neil <dneil@google.com>  
  Dan Callahan <dan.callahan@gmail.com>  
  Dan Peterson <dpiddy@gmail.com>  
  Dan Sinclair <dan.sinclair@gmail.com>  
  Daniel Fleischman <danielfleischman@gmail.com>  
  Daniel Krech <eikeon@eikeon.com>  
  Daniel Lidn <daniel.liden.87@gmail.com>  
  Daniel Morsing <daniel.morsing@gmail.com>  
  Daniel Nadasi <dnadasi@google.com>  
  Daniel Theophanes <kardianos@gmail.com>  
  Darren Elwood <darren@textnode.com>  
  Dave Borowitz <dborowitz@google.com>  
  Dave Cheney <dave@cheney.net>  
  Dave Day <djd@golang.org>  
  Dave Grijalva



<dgrijalva@ngmoco.com>  
David Anderson <danderson@google.com>  
David Barnett <dbarnett@google.com>  
David Brgin <676c7473@gmail.com>  
David Calavera <david.calavera@gmail.com>  
David Covert <davidhcovert@gmail.com>  
David Crawshaw <david.crawshaw@zentus.com> <crawshaw@google.com> <crawshaw@golang.org>  
David du Colombier <0intro@gmail.com>  
David Forsythe <dforsythe@gmail.com>  
David G. Andersen <dave.andersen@gmail.com>  
David Jakob Fritz <david.jakob.fritz@gmail.com>  
David Leon Gil <coruus@gmail.com>  
David McLeish <davemc@google.com>  
David Presotto <presotto@gmail.com>  
David Symonds <dsymonds@golang.org>  
David Thomas <davidthomas426@gmail.com>  
David Titarenco <david.titarenco@gmail.com>  
Dean Prichard <dean.prichard@gmail.com>  
Denis Brandolini <denis.brandolini@gmail.com>  
Derek Parker <parkerderek86@gmail.com>  
Devon H. O'Dell <devon.odell@gmail.com>  
Dhiru Kholia <dhiru.kholia@gmail.com>  
Dimitri Tcaciuc <dtcaciuc@gmail.com>  
Dmitri Shuralyov <shurcool@gmail.com>  
Dmitriy Shelenin <deemok@googlemail.com>  
<deemok@gmail.com>  
Dmitriy Vyukov <dvyukov@google.com>  
Dmitry Chestnykh <dchest@gmail.com>  
Dominik Honnef <dominik.honnef@gmail.com>  
Donovan Hide <donovanhide@gmail.com>  
Drew Hintz <adhintz@google.com>  
Duncan Holm <mail@frou.org>  
Dustin Long <dustmop@gmail.com>  
Dustin Sallings <dsallings@gmail.com>  
Dustin Shields-Cloues <dcloues@gmail.com>  
Eden Li <eden.li@gmail.com>  
Egon Elbre <egonelbre@gmail.com>  
Ehren Kret <ehren.kret@gmail.com>  
Eivind Uggedal <eivind@uggedal.com>  
Elias Naur <elias.naur@gmail.com>  
Emil Hessman <c.emil.hessman@gmail.com> <emil@hessman.se>  
Eoghan Sherry <ejsherry@gmail.com>  
Eric Clark <zerohp@gmail.com>  
Eric Milliken <emilliken@gmail.com>  
Eric Roshan-Eisner <eric.d.eisner@gmail.com>  
Erik St. Martin <alakriti@gmail.com>  
Erik Westrup <erik.westrup@gmail.com>  
Esko Luontola <esko.luontola@gmail.com>

Evan Kroske <evankroske@google.com>  
Evan Martin <evan.martin@gmail.com>  
Evan Shaw <chickencha@gmail.com>  
Ewan Chou <coocood@gmail.com>  
Fabrizio Milo <mistobaan@gmail.com>  
Fan  
Hongjian <fan.howard@gmail.com>  
Fatih Arslan <fatih@arslan.io>  
Fazlul Shahriar <fshahriar@gmail.com>  
Felix Geisendrfer <haimuiba@gmail.com>  
Firmansyah Adiputra <frm.adiputra@gmail.com>  
Florian Uekermann <florian@uekermann-online.de> <f1@uekermann-online.de>  
Florian Weimer <fw@deneb.enyo.de>  
Folke Behrens <folke@google.com>  
Francesc Campoy <campoy@golang.org>  
Francisco Souza <franciscossouza@gmail.com>  
Frederick Kelly Mayle III <frederickmayle@gmail.com>  
Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>  
Frithjof Schulze <schulze@math.uni-hannover.de> <sfrithjof@gmail.com>  
Fumitoshi Ukai <ukai@google.com>  
Gaal Yahas <gaal@google.com>  
Gabriel Aszalos <gabriel.aszalos@gmail.com>  
Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com>  
Gautham Thambidorai <gautham.dorai@gmail.com>  
Georg Reinke <guelfey@gmail.com>  
Gerasimos Dimitriadis <gedimitr@gmail.com>  
Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com>  
Giles Lean <giles.lean@pobox.com>  
Glenn Lewis <gmlewis@google.com>  
Gordon  
Klaus <gordon.klaus@gmail.com>  
Graham King <graham4king@gmail.com>  
Graham Miller <graham.miller@gmail.com>  
Greg Ward <greg@gerg.ca>  
Guillaume J. Charmes <guillaume@charmes.net>  
Gustav Paul <gustav.paul@gmail.com>  
Gustavo Franco <gustavorfranco@gmail.com>  
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>  
Gwenael Treguier <gwenn.kahz@gmail.com>  
Hana Kim <hyangah@gmail.com>  
Han-Wen Nienhuys <hanwen@google.com>  
Harley Laue <losinggeneration@gmail.com>  
Hector Chu <hectorchu@gmail.com>  
Hector Martin Cantero <hector@marcansoft.com>  
Henning Schmiedehausen <henning@schmiedehausen.org>  
Henrik Edwards <henrik.edwards@gmail.com>  
Herbert Georg Fischer <herbert.fischer@gmail.com>  
Hong Ruiqi <hongruiqi@gmail.com>

Hossein Sheikh Attar <hattar@google.com>  
Ian Lance Taylor <iant@golang.org>  
Icarus Sparry <golang@icarus.freeuk.com>  
Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>  
Isaac Wagner <ibw@isaacwagner.me>  
Ivan Krasin <krasin@golang.org>  
Jacob Baskin <jbaskin@google.com>  
Jakob  
  Borg <jakob@nym.se>  
Jakub Ryszard Czarnowicz <j.czarnowicz@gmail.com>  
James Aguilar <jaguilar@google.com>  
James David Chalfant <james.chalfant@gmail.com>  
James Fysh <james.fysh@gmail.com>  
James Gray <james@james4k.com>  
James Meneghello <rawrz0r@gmail.com>  
James P. Cooper <jamespcooper@gmail.com>  
James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com>  
James Toy <nil@opensesame.st>  
James Tucker <raggi@google.com>  
James Whitehead <jnwhiteh@gmail.com>  
Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>  
Jamie Turner <jamwt@dropbox.com>  
Jamie Wilkinson <jaq@spacepants.org>  
Jan H. Hosang <jan.hosang@gmail.com>  
Jan Mercl <0xjnml@gmail.com>  
Jan Mercl <befelemepeseveze@gmail.com>  
Jan Newmarch <jan.newmarch@gmail.com>  
Jan Ziak <0xe2.0x9a.0x9b@gmail.com>  
Jani Monoses <jani.monoses@ubuntu.com> <jani.monoses@gmail.com>  
Jaroslavas Poepko <jp@webmaster.ms>  
Jason Del Ponte <delpontej@gmail.com>  
Jason Travis <infomaniac7@gmail.com>  
Jay Weisskopf <jay@jayschwa.net>  
Jean-Marc Eurin  
  <jmeurin@google.com>  
Jed Denlea <jed@fastly.com>  
Jeff Hodges <jeff@somethingsimilar.com>  
Jeff R. Allen <jra@nella.org> <jeff.allen@gmail.com>  
Jeff Sickel <jas@corpus-callosum.com>  
Jeff Wendling <jeff@spacemonkey.com>  
Jens Frederich <jfrederich@gmail.com>  
Jeremiah Harmsen <jeremiah@google.com>  
Jeremy Jackins <jeremyjackins@gmail.com>  
Jeremy Schlatter <jeremy.schlatter@gmail.com>  
Jim McGrath <jimmc2@gmail.com>  
Jimmy Zelinskie <jimmyzelinskie@gmail.com>  
Jingcheng Zhang <diogin@gmail.com>  
Joakim Sernbrant <serbaut@gmail.com>

Joe Poirier <jdpoirier@gmail.com>  
Joe Shaw <joe@joeshaw.org>  
Joel Sing <jsing@google.com>  
Joel Stemmer <stemmertech@gmail.com>  
Johan Euphrosine <proppy@google.com>  
John Asmuth <jasmuth@gmail.com>  
John Beisley <huin@google.com>  
John C Barstow <jbowtie@amathaine.com>  
John DeNero <denero@google.com>  
John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>  
John Howard Palevich <jack.palevich@gmail.com>  
John Newlin <jnewlin@google.com>  
John Shahid <jvshahid@gmail.com>  
John  
Tuley <john@tuley.org>  
Jonathan Allie <jonallie@google.com>  
Jonathan Feinberg <feinberg@google.com>  
Jonathan Gold <jgold.bg@gmail.com>  
Jonathan Hseu <jhseu@google.com>  
Jonathan Mark <jhmark@xenops.com> <jhmark000@gmail.com>  
Jonathan Nieder <jrn@google.com>  
Jonathan Pittman <jmpittman@google.com> <jonathan.mark.pittman@gmail.com>  
Jonathan Rudenberg <jonathan@titanous.com>  
Jonathan Wills <runningwild@gmail.com>  
Jongmin Kim <atomaths@gmail.com>  
Jos Visser <josv@google.com>  
Jose Luis Vazquez Gonzalez <josvazg@gmail.com>  
Joseph Bonneau <jcb@google.com>  
Joseph Holsten <joseph@josephholsten.com>  
Josh Bleecher Snyder <josharian@gmail.com>  
Josh Goebel <dreamer3@gmail.com>  
Josh Hoak <jhoak@google.com>  
Josh Holland <jrh@joshh.co.uk>  
Joshua Chase <jcjosuachase@gmail.com>  
JP Sugarbroad <jpsugar@google.com>  
JT Olds <jtolds@xnet5.com>  
Jukka-Pekka Kekkonen <karatepekka@gmail.com>  
Julian Phillips <julian@quantumfyre.co.uk>  
Julien Schmidt <google@julienschmidt.com>  
Kai Backman <kaib@golang.org>  
Kamil  
Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>  
Katrina Owen <katrina.owen@gmail.com>  
Kay Zhu <kayzhu@google.com>  
Kei Son <hey.calmdown@gmail.com>  
Keith Randall <khr@golang.org>  
Keith Rarick <kr@xph.us>  
Kelsey Hightower <kelsey.hightower@gmail.com>

Kelvin Foo Chuan Lyi <vmirage@gmail.com>  
Ken Friedenbach <kenliz@cruzio.com>  
Ken Rocket <ken@oz.gs> <ken.rocket@gmail.com>  
Ken Thompson <ken@golang.org>  
Kevin Ballard <kevin@sb.org>  
Kevin Klues <klueska@gmail.com> <klueska@google.com>  
Kirklin McDonald <kirklin.mcdonald@gmail.com>  
Kyle Consalus <consalus@gmail.com>  
Kyle Isom <kyle@gokyle.net>  
Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>  
L Campbell <unpantsu@gmail.com>  
Lai Jiangshan <eag0628@gmail.com>  
Larry Hosken <lahosken@golang.org>  
Lorenzo Stoakes <lstoakes@gmail.com>  
Louis Kruger <louisk@google.com>  
Luca Greco <luca.greco@alcacoop.it>  
Lucio De Re <lucio.dere@gmail.com>  
Luit van Drongelen <luitvd@gmail.com>  
Luka Zakrajek <tr00.g33k@gmail.com>  
Luke Curley <qpingu@gmail.com>  
Luuk  
van Dijk <lvd@golang.org> <lvd@google.com>  
Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>  
Manu Garg <manugarg@google.com>  
Manuel Mendez <mmendez534@gmail.com>  
Marc Weistroff <marc@weistroff.net>  
Marcel van Lohuizen <mpvl@golang.org>  
Marco Hennings <marco.hennings@freiheit.com>  
Mark Theunissen <mark.theunissen@gmail.com>  
Mark Zavislak <zavislak@google.com>  
Marko Juhani Silokunnas <marko.silokunnas@gmail.com>  
Marko Mikulicic <mkm@google.com>  
Marko Tiikkaja <marko@joh.to>  
Markus Duft <markus.duft@salomon.at>  
Markus Sonderegger <marraison@gmail.com>  
Markus Zimmermann <zimmski@gmail.com>  
Martin Neubauer <m.ne@gmx.net>  
Martin Olsson <martin@minimum.se>  
Mateusz Czapliski <czapkofan@gmail.com>  
Mathieu Lonjaret <mathieu.lonjaret@gmail.com>  
Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>  
Matt Aimonetti <mattaimonetti@gmail.com>  
Matt Brown <mdbrown@google.com>  
Matt Jibson <matt.jibson@gmail.com>  
Matt Joiner <anacrolix@gmail.com>  
Matt Jones <mrjones@google.com>  
Matt

Reiferson <mreiferson@gmail.com>  
Matthew Cottingham <mattcottingham@gmail.com>  
Matthew Dempsey <mdempsey@google.com>  
Matthew Horsnell <matthew.horsnell@gmail.com>  
Maxim Khitrov <max@mxcrypt.com>  
Maxim Pimenov <mpimenov@google.com>  
Maxim Ushakov <ushakov@google.com>  
Micah Stetson <micah.stetson@gmail.com>  
Michael Chaten <mchaten@gmail.com>  
Michael Elkins <michael.elkins@gmail.com>  
Michael Fraenkel <michael.fraenkel@gmail.com>  
Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>  
Michael Hoisie <hoisie@gmail.com>  
Michael Hudson-Doyle <michael.hudson@linaro.org>  
Michael Kelly <mjk@google.com>  
Michael Lewis <mikelikespie@gmail.com>  
Michael MacInnis <Michael.P.MacInnis@gmail.com>  
Michael Matloob <matloob@google.com>  
Michael Pearson <mipearson@gmail.com>  
Michael Piatek <piatek@google.com>  
Michael Shields <mshields@google.com>  
Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>  
Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>  
Michael Teichgrber <mteichgrber@gmx.de>  
<mt4swm@googlemail.com>  
Micha Derkacz <ziutek@inet.pl>  
Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>  
Mihai Borobocea <MihaiBorobocea@gmail.com>  
Mikael Tillenius <mikti42@gmail.com>  
Mike Andrews <mra@xoba.com>  
Mike Rosset <mike.rosset@gmail.com>  
Mike Samuel <mikesamuel@gmail.com>  
Mike Solomon <msolo@gmail.com>  
Mikhail Panchenko <m@mihasya.com>  
Miki Tebeka <miki.tebeka@gmail.com>  
Mikio Hara <mikioh.mikioh@gmail.com>  
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>  
Miquel Sabat Sol <mikisabate@gmail.com>  
Moriyoshi Koizumi <mozo@mozo.jp>  
Mshe van der Sterre <moshevds@gmail.com>  
Mrunal Patel <mrunalp@gmail.com>  
Nan Deng <monnand@gmail.com>  
Nathan John Youngman <nj@nathany.com>  
Nathan P Finch <nate.finch@gmail.com>  
Nicholas Katsaros <nick@nickkatsaros.com>  
Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>  
Nicholas Sullivan <nicholas.sullivan@gmail.com>  
Nicholas Waples <nwaples@gmail.com>

Nick Cooper <nmvc@google.com>  
Nick Craig-Wood <nick@craig-wood.com>  
<nickcw@gmail.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas Owens <mischief@offblast.org>  
Nigel Kerr <nigel.kerr@gmail.com>  
Nigel Tao <nigeltao@golang.org>  
Noah Campbell <noahcampbell@gmail.com>  
Oling Cat <olingcat@gmail.com>  
Oliver Hookins <ohookins@gmail.com>  
Olivier Antoine <olivier.antoine@gmail.com>  
Olivier Duperray <duperray.olivier@gmail.com>  
Olivier Saingre <osaingre@gmail.com>  
Padraig Kitterick <padraigkitterick@gmail.com>  
Paolo Giarrusso <p.giarrusso@gmail.com>  
Pascal S. de Kloe <pascal@quies.net>  
Patrick Crosby <patrick@stathat.com>  
Patrick Gavlin <pgavlin@gmail.com>  
Patrick Higgins <patrick.allen.higgins@gmail.com>  
Patrick Mzard <patrick@mezard.eu>  
Patrick Mylund Nielsen <patrick@patrickmn.com>  
Patrick Riley <pfr@google.com>  
Patrick Smith <pat42smith@gmail.com>  
Paul A Querna <paul.querna@gmail.com>  
Paul Borman <borman@google.com>  
Paul Chang <paulchang@google.com>  
Paul Hammond <paul@paulhammond.org>  
Paul Lalonde <paul.a.lalonde@gmail.com>  
Paul Nasrat <pnasrat@google.com>  
Paul  
Sbarra <Sbarra.Paul@gmail.com>  
Paul van Brouwershaven <paul@vanbrouwershaven.com>  
Pavel Zinovkin <pavel.zinovkin@gmail.com>  
Pawel Szczur <filemon@google.com>  
Percy Wegmann <ox.to.a.cart@gmail.com>  
Petar Maymoukov <petarm@gmail.com>  
Peter Armitage <peter.armitage@gmail.com>  
Peter Collingbourne <pcc@google.com>  
Peter Froehlich <peter.hans.froehlich@gmail.com>  
Peter Kleiweg <pkleiweg@xs4all.nl>  
Peter McKenzie <petermck@google.com>  
Peter Mundy <go.peter.90@gmail.com>  
Pter Surnyi <speter.go1@gmail.com>  
Pter Szab <pts@google.com>  
Pter Szilgyi <peterke@gmail.com>  
Peter Waller <peter.waller@gmail.com>  
Peter Weinberger <pjw@golang.org>  
Peter Williams <pwil3058@gmail.com>

Phil Pennock <pdp@golang.org>  
Philip K. Warren <pkwarren@gmail.com>  
Pieter Droogendijk <pieter@binky.org.uk>  
Pietro Gagliardi <pietro10@mac.com>  
Preetam Jinka <pj@preet.am>  
Quan Yong Zhai <qyzhai@gmail.com>  
Raif S. Naffah <go@naffah-raif.name>  
Raph Levien <raph@google.com>  
Raul Silvera <rsilvera@google.com>  
Rmy Oudompheng <oudomphe@phare.normalesup.org>  
<remyoudompheng@gmail.com>  
Richard Crowley <r@rcrowley.org>  
Richard Eric Gavaletz <gavaletz@gmail.com>  
Richard Musiol <mail@richard-musiol.de> <neelance@gmail.com>  
Rick Arnold <rickarnoldjr@gmail.com>  
Rick Hudson <rlh@golang.org>  
Risto Jaakko Saarelma <rsaarelm@gmail.com>  
Rob Pike <r@golang.org>  
Robert Daniel Kortschak <dan.kortschak@adelaide.edu.au>  
Robert Dinu <r@varp.se>  
Robert Figueiredo <robfig@gmail.com>  
Robert Griesemer <gri@golang.org>  
Robert Hencke <robert.hencke@gmail.com>  
Robert Obryk <robryk@gmail.com>  
Robert Seseek <rseseek@google.com>  
Robert Snedegar <roberts@google.com>  
Robin Eklind <r.eklind.87@gmail.com>  
Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>  
Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>  
Roger Pau Monn <royger@gmail.com>  
Roger Peppe <rogpeppe@gmail.com>  
Ron Hashimoto <mail@h2so5.net>  
Ron Minnich <rminnich@gmail.com>  
Ross Light <rlight2@gmail.com>  
Rowan Worth <sqweek@gmail.com>  
Rui Ueyama <rui@google.com>  
Russ Cox <rsc@golang.org>  
Ryan  
Barrett <ryanb@google.com>  
Ryan Hitchman <hitchmanr@gmail.com>  
Ryan Slade <ryanslade@gmail.com>  
S.alar Onur <caglar@10ur.org>  
Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>  
Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>  
Sanjay Menakuru <balasanjay@gmail.com>  
Scott Ferguson <scottwferg@gmail.com>  
Scott Lawrence <bytbody@gmail.com>  
Scott Schwartz <scotts@golang.org>



Sean Burford <sburford@google.com>  
Sebastien Binet <seb.binet@gmail.com>  
Sbastien Paolacci <sebastien.paolacci@gmail.com>  
Sergei Skorobogatov <skorobo@rambler.ru>  
Sergey 'Snake' Gromov <snake.scaly@gmail.com>  
Sergio Luis O. B. Correia <sergio@correia.cc>  
Shane Hansen <shanemhansen@gmail.com>  
Shawn Ledbetter <sledbetter@google.com>  
Shawn Smith <shawn.p.smith@gmail.com>  
Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>  
Shivakumar GN <shivakumar.gn@gmail.com>  
Simon Whitehead <chemnova@gmail.com>  
Sokolov Yura <funny.falcon@gmail.com>  
Spring Mc <heresy.mc@gmail.com>  
StalkR <stalkr@stalkr.net>  
Stefan  
Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>  
Stphane Travostino <stephane.travostino@gmail.com>  
Stephen Ma <stephenm@golang.org>  
Stephen McQuay <stephen@mcquay.me>  
Stephen Weinberg <stephen@q5comm.com>  
Steve McCoy <mccoyst@gmail.com>  
Steven Elliot Harris <seharris@gmail.com>  
Steven Hartland <steven.hartland@multiplay.co.uk>  
Sugu Sougoumarane <ssougou@gmail.com>  
Sven Almgren <sven@tras.se>  
Szabolcs Nagy <nsz@port70.net>  
Tad Glines <tad.glines@gmail.com>  
Taj Khattrra <taj.khattrra@gmail.com>  
Tarmigan Casebolt <tarmigan@gmail.com>  
Taru Karttunen <taruti@taruti.net>  
Tetsuo Kiso <tetsuokiso9@gmail.com>  
Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>  
Thomas Alan Copeland <talan.copeland@gmail.com>  
Thomas Habets <habets@google.com>  
Thomas Kappler <tkappler@gmail.com>  
Timo Savola <timo.savola@gmail.com>  
Timo Truys <alkaloid.btx@gmail.com>  
Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>  
Todd Wang <toddwang@gmail.com>  
Tom  
Linford <tomlinford@gmail.com>  
Tom Szymanski <tgs@google.com>  
Tor Andersson <tor.andersson@gmail.com>  
Travis Cline <travis.cline@gmail.com>  
Trevor Strohman <trevor.strohman@gmail.com>  
Tudor Golubenco <tudor.g@gmail.com>  
Tw <tw19881113@gmail.com>

Tyler Bunnell <tylerbunnell@gmail.com>  
Ugorji Nwoke <ugorji@gmail.com>  
Ulf Holm Nielsen <doktor@dyregod.dk>  
Uriel Mangado <uriel@berlinblue.org>  
Vadim Vygonets <unixdj@gmail.com>  
Vega Garcia Luis Alfonso <vegacom@gmail.com>  
Vincent Ambo <tazjin@googlemail.com>  
Vincent Vanackere <vincent.vanackere@gmail.com>  
Vinu Rajashekhar <vinutheraj@gmail.com>  
Vish Subramanian <vish@google.com>  
Vladimir Nikishenko <vova616@gmail.com>  
Volker Dobler <dr.volker.dobler@gmail.com>  
Wei Guangjing <vcc.163@gmail.com>  
Will Norris <willnorris@google.com>  
Willem van der Schyff <willemvds@gmail.com>  
William Chan <willchan@chromium.org>  
William Josephson <wjosephson@gmail.com>  
William Orr <will@worrbase.com> <ay1244@gmail.com>  
Xia Bin <snyh@snyh.org>  
Xing Xing <mikespook@gmail.com>  
Yan  
Zou <yzou@google.com>  
Yasuhiro Matsumoto <mattn.jp@gmail.com>  
Yissakhar Z. Beck <yissakhar.beck@gmail.com>  
Yongjian Xu <i3dmaster@gmail.com>  
Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>  
Yusuke Kagiwada <block.rxckin.beats@gmail.com>  
Yuusei Kuwana <kuwana@kumama.org>  
Yuval Pavel Zholkover <paulzhol@gmail.com>  
Yves Junqueira <yves.junqueira@gmail.com>  
Ziad Hatahet <hatahet@gmail.com>  
Zorion Arrizabalaga <zorionk@gmail.com>  
<bronze1man@gmail.com>

# 1.628 urllib3 1.26.10

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## 1.629 python-json-logger 2.0.4

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## 1.630 netty v4.0.51.Final

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# 1.631 python-regex 0.1.20190819-2build1

## 1.631.1 Available under license :

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Metadata-Version: 1.1

Name: regex

Version: 2019.08.19

Summary: Alternative regular expression module, to replace re.

Home-page: <https://bitbucket.org/mrabarnett/mrab-regex>

Author: Matthew Barnett

Author-email: [regex@mrabarnett.plus.com](mailto:regex@mrabarnett.plus.com)

License: Python Software Foundation License

Description: Introduction

-----

This regex implementation is backwards-compatible with the standard 're' module, but offers additional functionality.

Note

----

The re module's behaviour with zero-width matches changed in Python 3.7, and this module will follow that behaviour when compiled for Python 3.7.

Old vs new behaviour

-----

In order to be compatible with the re module, this module has 2 behaviours:

**\*\*\*Version 0\*\*** behaviour (old behaviour, compatible with the re module):

Please note that the re module's behaviour may change over time, and I'll endeavour to match that behaviour in version 0.

\* Indicated by the ``VERSION0`` or ``V0`` flag, or ``(?V0)`` in the pattern.

\* Zero-width matches are not handled correctly in the re module before Python 3.7. The behaviour in those earlier versions is:

\* ``.split`` won't split a string at a zero-width match.

\* ``.sub`` will advance by one character after a zero-width match.

\* Inline flags apply to the entire pattern, and they can't be turned off.

\* Only simple sets are supported.

\* Case-insensitive matches in Unicode use simple case-folding by default.

**\*\*\*Version 1\*\*** behaviour (new behaviour, possibly different from the re module):

\* Indicated by the ``VERSION1`` or ``V1`` flag, or ``(?V1)`` in the pattern.

\* Zero-width matches

are handled correctly.

- \* Inline flags apply to the end of the group or pattern, and they can be turned off.
- \* Nested sets and set operations are supported.
- \* Case-insensitive matches in Unicode use full case-folding by default.

If no version is specified, the regex module will default to ```regex.DEFAULT_VERSION```.

#### Case-insensitive matches in Unicode

-----

The regex module supports both simple and full case-folding for case-insensitive matches in Unicode. Use of full case-folding can be turned on using the ```FULLCASE``` or ```F``` flag, or ```(?f)``` in the pattern. Please note that this flag affects how the ```IGNORECASE``` flag works; the ```FULLCASE``` flag itself does not turn on case-insensitive matching.

In the version 0 behaviour, the flag is off by default.

In the version 1 behaviour, the flag is on by default.

#### Nested sets and set operations

-----

It's not possible to support both simple sets, as used in the re module, and nested sets at the same time because of a difference in the meaning of an unescaped ```["``` in a set.

For example, the pattern ```[[a-z]-[aeiou]]``` is treated in the version 0 behaviour (simple sets, compatible with the re module) as:

- \* Set containing "[" and the letters "a" to "z"
- \* Literal "--"
- \* Set containing letters "a", "e", "i", "o", "u"
- \* Literal "]"

but in the version 1 behaviour (nested sets, enhanced behaviour) as:

- \* Set which is:
  - \* Set containing the letters "a" to "z"
- \* but excluding:
  - \* Set containing the letters "a", "e", "i", "o", "u"



Version 0 behaviour: only simple sets are supported.

Version 1 behaviour: nested sets and set operations are supported.

## Flags

-----

There are 2 kinds of flag: scoped and global. Scoped flags can apply to only part of a pattern and can be turned on or off; global flags apply to the entire pattern and can only be turned on.

The scoped flags are: ```FULLCASE```, ```IGNORECASE```, ```MULTILINE```, ```DOTALL```, ```VERBOSE```, ```WORD```.

The global flags are: ```ASCII```, ```BESTMATCH```, ```ENHANCEMATCH```, ```LOCALE```, ```POSIX```, ```REVERSE```, ```UNICODE```, ```VERSION0```, ```VERSION1```.

If neither the ```ASCII```, ```LOCALE``` nor ```UNICODE``` flag is specified, it will default to ```UNICODE``` if the regex pattern is a Unicode string and ```ASCII``` if it's a bytestring.

The ```ENHANCEMATCH``` flag makes fuzzy matching attempt to improve the fit of the next match that it finds.

The ```BESTMATCH``` flag makes fuzzy matching search for the best match instead of the next match.

## Notes on named capture groups

-----

All capture groups have a group number, starting from 1.

Groups with the same group name will have the same group number, and groups with a different group name will have a different group number.

The same name can be used by more than one group, with later captures 'overwriting' earlier captures. All of the captures of the group will be available from the ```captures``` method of the match object.

Group numbers will be reused across different branches of a branch reset, eg. ```(?|(first)|(second))``` has only group 1. If capture groups have different group names then they will, of course, have different group numbers, eg. ```(?P<foo>first)|(?P<bar>second)``` has group 1 ("foo") and group 2 ("bar").

In the regex ```(\s+)(?P<foo>[A-Z]+)(\w+)(?P<foo>[0-9]+)``` there are 2 groups:

\* ```(\s+)``` is group 1.

\* ```(?P<foo>[A-Z]+)``` is group 2, also called "foo".

\* `((\w+))` is group 2 because of the branch reset.

\* `((?P<foo>[0-9]+))` is group 2 because it's called "foo".

If you want to prevent `((\w+))` from being group 2, you need to name it (different name, different group number).

## Multithreading

-----

The `regex` module releases the GIL during matching on instances of the built-in (immutable) string classes, enabling other Python threads to run concurrently. It is also possible to force the `regex` module to release the GIL during matching by calling the matching methods with the keyword argument `concurrent=True`. The behaviour is undefined if the string changes during matching, so use it *only* when it is guaranteed that that won't happen.

## Unicode

-----

This module supports Unicode 12.1.0.

Full Unicode case-folding is supported.

## Additional features

-----

The issue numbers relate to the Python bug tracker, except where listed as "Hg issue".

\* Added support for lookahead in conditional pattern (Hg issue 163 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/163>>`\_)

The test of a conditional pattern can now be a lookahead.

Examples:

```
.. sourcecode:: python
```

```
>>> regex.match(r'(?=\d)\d+|\w+', '123abc')
<regex.Match object; span=(0, 3), match='123'>
>>> regex.match(r'(?=\d)\d+|\w+', 'abc123')
<regex.Match object; span=(0, 6), match='abc123'>
```

This is not quite the same as putting a lookahead in the first branch of a pair of alternatives.

Examples:

```
.. sourcecode:: python
```

```

>>> print(regex.match(r'?(?=\d)\d+\b\w+',
'123abc'))
<regex.Match object; span=(0, 6), match='123abc'>
>>> print(regex.match(r'?(?=\d)\d+\b\w+', '123abc'))
None

```

In the first example, the lookahead matched, but the remainder of the first branch failed to match, and so the second branch was attempted, whereas in the second example, the lookahead matched, and the first branch failed to match, but the second branch was **not** attempted.

\* Added POSIX matching (leftmost longest) (Hg issue 150 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/150>>`\_)

The POSIX standard for regex is to return the leftmost longest match. This can be turned on using the `POSIX` flag ((?p`)).`

Examples:

```
.. sourcecode:: python
```

```

>>> # Normal matching.
>>> regex.search(r'Mr|Mrs', 'Mrs')
<regex.Match object; span=(0, 2), match='Mr'>
>>> regex.search(r'one(self)?(selfsufficient)?',
'oneselfsufficient')
<regex.Match object; span=(0, 7), match='oneself'>
>>> # POSIX matching.
>>> regex.search(r'(?p)Mr|Mrs', 'Mrs')
<regex.Match object; span=(0, 3), match='Mrs'>
>>> regex.search(r'(?p)one(self)?(selfsufficient)?', 'oneselfsufficient')
<regex.Match object; span=(0, 17), match='oneselfsufficient'>

```

Note that it will take longer to find matches because when it finds a match at a certain position, it won't return that immediately, but will keep looking to see if there's another longer match there.

\* Added `(?(DEFINE)...)` (Hg issue 152 <https://bitbucket.org/mrabarnett/mrab-regex/issues/152>`_)`

If there's no group called "DEFINE", then ... will be ignored, but any group definitions within it will be available.

Examples:

```
.. sourcecode:: python
```

```

>>> regex.search(r'?(DEFINE)(?P<quant>\d+)(?P<item>\w+)(?&quant)
(?&item)', '5 elephants')
<regex.Match object; span=(0, 11), match='5 elephants'>

```

\* Added `(*PRUNE)`, `(*SKIP)` and `(*FAIL)` (Hg issue 153 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/153>>\_)

`(*PRUNE)` discards the backtracking info up to that point. When used in an atomic group or a lookahead, it won't affect the enclosing pattern.

`(*SKIP)` is similar to `(*PRUNE)`, except that it also sets where in the text the next attempt to match will start. When used in an atomic group or a lookahead, it won't affect the enclosing pattern.

`(*FAIL)` causes immediate backtracking. `(*F)` is a permitted abbreviation.

\* Added `\K` (Hg issue 151 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/151>>\_)

Keeps the part of the entire match after the position where `\K` occurred; the part before it is discarded.

It does not affect what capture groups return.

Examples:

```
.. sourcecode:: python
```

```
>>> m = regex.search(r'(\w\wK\w\w\w)', 'abcdef')
>>> m[0]
'cde'
>>> m[1]
'abcde'
>>>
>>> m = regex.search(r'(?r)(\w\wK\w\w\w)', 'abcdef')
>>> m[0]
'bc'
>>> m[1]
'bcdef'
```

\* Added capture subscripting for `expandf` and `subf`/`subfn` (Hg issue 133 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/133>>\_)

You can now use subscripting to get the captures of a repeated capture group.

Examples:

```
.. sourcecode:: python
```

```
>>> m = regex.match(r"(\w)+", "abc")
>>> m.expandf("{1}")
'c'
>>> m.expandf("{1[0]} {1[1]} {1[2]}")
'a b c'
```

```

>>> m.expandf("{1[-1]}
{1[-2]} {1[-3]}")
'c b a'
>>>
>>> m = regex.match(r"(?P<letter>\w)+", "abc")
>>> m.expandf("{letter}")
'c'
>>> m.expandf("{letter[0]} {letter[1]} {letter[2]}")
'a b c'
>>> m.expandf("{letter[-1]} {letter[-2]} {letter[-3]}")
'c b a'

```

\* Added support for referring to a group by number using ```(?P=...)```.

This is in addition to the existing ```\g<...>```.

\* Fixed the handling of locale-sensitive regexes.

The ```LOCALE``` flag is intended for legacy code and has limited support. You're still recommended to use Unicode instead.

\* Added partial matches (Hg issue 102 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/102>>`\_)

A partial match is one that matches up to the end of string, but that string has been truncated and you want to know whether a complete match could be possible if the string had not been truncated.

Partial matches are supported by ```match```, ```search```, ```fullmatch``` and ```finditer``` with the ```partial``` keyword argument.

Match objects have a ```partial``` attribute, which is ```True``` if it's a partial match.

For example, if you wanted a user to enter a 4-digit number and check it character by character as it was being entered:

```

.. sourcecode:: python

>>> pattern = regex.compile(r'\d{4}')

>>> # Initially, nothing has been entered:
>>> print(pattern.fullmatch("", partial=True))
<regex.Match object; span=(0, 0), match="", partial=True>

>>> # An empty string is OK, but it's only a partial match.
>>> # The user enters a letter:
>>> print(pattern.fullmatch('a', partial=True))
None

>>> # It'll never match.

```

```

>>> # The
user deletes that and enters a digit:
>>> print(pattern.fullmatch('1', partial=True))
<regex.Match object; span=(0, 1), match='1', partial=True>
>>> # It matches this far, but it's only a partial match.

>>> # The user enters 2 more digits:
>>> print(pattern.fullmatch('123', partial=True))
<regex.Match object; span=(0, 3), match='123', partial=True>
>>> # It matches this far, but it's only a partial match.

>>> # The user enters another digit:
>>> print(pattern.fullmatch('1234', partial=True))
<regex.Match object; span=(0, 4), match='1234'>
>>> # It's a complete match.

>>> # If the user enters another digit:
>>> print(pattern.fullmatch('12345', partial=True))
None
>>> # It's no longer a match.

>>> # This is a partial match:
>>> pattern.match('123',
partial=True).partial
True

>>> # This is a complete match:
>>> pattern.match('1233', partial=True).partial
False

```

\*`\*` operator not working correctly with sub() (Hg issue 106 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/106>>`\_)

Sometimes it's not clear how zero-width matches should be handled. For example, should ``.\*`` match 0 characters directly after matching >0 characters?

Examples:

```

.. sourcecode:: python

# Python 3.7 and later
>>> regex.sub('.*', 'x', 'test')
'xx'
>>> regex.sub('.*?', '|', 'test')
'|'

# Python 3.6 and earlier

```

```

>>> regex.sub('(V0).*', 'x', 'test')
'x'
>>> regex.sub('(V1).*', 'x', 'test')
'xx'
>>> regex.sub('(V0).*?', '|', 'test')
'|t|e|s|t|'
>>>
regex.sub('(V1).*?', '|', 'test')
'||||||||'

```

\* Added `capturesdict` (Hg issue 86 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/86>>`\_)

`capturesdict` is a combination of `groupdict` and `captures`:

`groupdict` returns a dict of the named groups and the last capture of those groups.

`captures` returns a list of all the captures of a group

`capturesdict` returns a dict of the named groups and lists of all the captures of those groups.

Examples:

.. sourcecode:: python

```

>>> m = regex.match(r"(?:P<word>\w+) (P<digits>\d+)\n+", "one 1\ntwo 2\nthree 3\n")
>>> m.groupdict()
{'word': 'three', 'digits': '3'}
>>> m.captures("word")
['one', 'two', 'three']
>>> m.captures("digits")
['1', '2', '3']
>>> m.capturesdict()

```

```
{'word': ['one', 'two', 'three'], 'digits': ['1', '2', '3']}
```

\* Allow duplicate names of groups (Hg issue 87 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/87>>`\_)

Group names can now be duplicated.

Examples:

.. sourcecode:: python

```

>>> # With optional groups:
>>>
>>> # Both groups capture, the second capture 'overwriting' the first.
>>> m = regex.match(r"(P<item>\w+)? or (P<item>\w+)?", "first or second")
>>> m.group("item")

```

```

'second'
>>> m.captures("item")
['first', 'second']
>>> # Only the second group captures.
>>> m = regex.match(r"(?P<item>\w+)? or (?P<item>\w+)?", " or second")
>>> m.group("item")
'second'
>>> m.captures("item")
['second']
>>> # Only the first group captures.
>>> m = regex.match(r"(?P<item>\w+)?
or (?P<item>\w+)?", "first or ")
>>> m.group("item")
'first'
>>> m.captures("item")
['first']
>>>
>>> # With mandatory groups:
>>>
>>> # Both groups capture, the second capture 'overwriting' the first.
>>> m = regex.match(r"(?P<item>\w*) or (?P<item>\w*)?", "first or second")
>>> m.group("item")
'second'
>>> m.captures("item")
['first', 'second']
>>> # Again, both groups capture, the second capture 'overwriting' the first.
>>> m = regex.match(r"(?P<item>\w*) or (?P<item>\w*)", " or second")
>>> m.group("item")
'second'
>>> m.captures("item")
['', 'second']
>>> # And yet again, both groups capture, the second capture 'overwriting' the first.
>>> m = regex.match(r"(?P<item>\w*) or (?P<item>\w*)", "first or ")
>>> m.group("item")
''
>>> m.captures("item")
['first', '']

```

\* Added `fullmatch` ( issue #16203 <<https://bugs.python.org/issue16203>> )

`fullmatch` behaves like `match`, except that it must match all of the string.

Examples:

```
.. sourcecode:: python
```

```

>>> print(regex.fullmatch(r"abc", "abc").span())
(0, 3)

```



```

>>> print(regex.fullmatch(r"abc", "abcx"))
None
>>> print(regex.fullmatch(r"abc", "abcx", endpos=3).span())
(0, 3)
>>> print(regex.fullmatch(r"abc", "xabcy", pos=1, endpos=4).span())
(1, 4)
>>>
>>> regex.match(r"a.*?", "abcd").group(0)
'a'
>>> regex.fullmatch(r"a.*?", "abcd").group(0)
'abcd'

```

\* Added ```subf``` and ```subfn```

```subf``` and ```subfn``` are alternatives to ```sub``` and ```subn``` respectively. When passed a replacement string, they treat it as a format string.

Examples:

.. sourcecode:: python

```

>>> regex.subf(r"(\w+) (\w+)", "{0} => {2} {1}", "foo bar")
'foo bar => bar foo'
>>> regex.subf(r"(?P<word1>\w+) (?P<word2>\w+)", "{word2} {word1}", "foo bar")
'bar foo'

```

\* Added ```expandf``` to match object

```expandf``` is an alternative to ```expand```. When passed a replacement string, it treats it as a format string.

Examples:

.. sourcecode:: python

```

>>> m = regex.match(r"(\w+) (\w+)", "foo bar")
>>> m.expandf("{0} => {2} {1}")
'foo bar => bar foo'
>>>
>>> m = regex.match(r"(?P<word1>\w+) (?P<word2>\w+)", "foo bar")
>>> m.expandf("{word2} {word1}")
'bar foo'

```

\* Detach searched string

A

match object contains a reference to the string that was searched, via its ```string``` attribute. The ```detach_string``` method will 'detach' that string, making it available for garbage collection, which might save valuable memory if that string is very large.

Example:

```
.. sourcecode:: python
```

```
>>> m = regex.search(r"\w+", "Hello world")
>>> print(m.group())
Hello
>>> print(m.string)
Hello world
>>> m.detach_string()
>>> print(m.group())
Hello
>>> print(m.string)
None
```

\* Recursive patterns (Hg issue 27 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/27>>`\_)

Recursive and repeated patterns are supported.

```(?R)``` or ```(?0)``` tries to match the entire regex recursively. ```(?1)```, ```(?2)```, etc, try to match the relevant capture group.

```(?&name)``` tries to match the named capture group.

Examples:

```
.. sourcecode:: python
```

```
>>> regex.match(r"(Tarzan|Jane) loves (?1)", "Tarzan loves Jane").groups()
('Tarzan',)
>>> regex.match(r"(Tarzan|Jane) loves (?1)", "Jane loves Tarzan").groups()
('Jane',)

>>> m = regex.search(r"(\w)(?:(?R)|(\w?))\1", "kayak")
>>> m.group(0, 1, 2)
('kayak', 'k', None)
```

The first two examples show how the subpattern within the capture group is reused, but is `_not_` itself a capture group. In other words, ```(Tarzan|Jane) loves (?1)``` is equivalent to ```(Tarzan|Jane) loves(?:Tarzan|Jane)```.

It's possible to backtrack into a recursed or repeated group.

You can't call a group if there is more than one group with that group name or group number (```ambiguous group reference```).

The alternative forms `((?P>name))` and `((?P&name))` are also supported.

\* Full Unicode case-folding is supported.

In version 1 behaviour, the regex module uses full case-folding when performing case-insensitive matches in Unicode.

Examples (in Python 3):

```
.. sourcecode:: python
```

```
>>> regex.match(r"(?iV1)strasse", "stra\N{LATIN SMALL LETTER SHARP S}e").span()
(0, 6)
>>> regex.match(r"(?iV1)stra\N{LATIN SMALL LETTER SHARP S}e", "STRASSE").span()
(0, 7)
```

In version 0 behaviour, it uses simple case-folding for backward compatibility with the re module.

\* Approximate "fuzzy" matching (Hg issue 12 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/12>>`, `Hg issue 41 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/41>>`, `Hg issue 109 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/109>>`\_)

Regex usually attempts an exact match, but sometimes an approximate, or "fuzzy", match is needed, for those cases where the text being searched may contain errors in the form of inserted, deleted or substituted characters.

A fuzzy regex specifies which types of errors are permitted, and, optionally, either the minimum and maximum or only the maximum permitted number of each type. (You cannot specify only a minimum.)

The 3 types of error are:

\* Insertion, indicated by "i"

\* Deletion, indicated by "d"

\* Substitution, indicated by "s"

In addition, "e" indicates any type of error.

The fuzziness of a regex item is specified between "{" and "}" after the item.

Examples:

\* `((foo))` match "foo" exactly

\* `((?:foo){i})` match "foo", permitting insertions

\* `(?:foo){d}` match "foo", permitting deletions

\* `(?:foo){s}`  
match "foo", permitting substitutions

\* `(?:foo){i,s}` match "foo", permitting insertions and substitutions

\* `(?:foo){e}` match "foo", permitting errors

If a certain type of error is specified, then any type not specified will **not** be permitted.

In the following examples I'll omit the item and write only the fuzziness:

\* `{d<=3}` permit at most 3 deletions, but no other types

\* `{i<=1,s<=2}` permit at most 1 insertion and at most 2 substitutions, but no deletions

\* `{1<=e<=3}` permit at least 1 and at most 3 errors

\* `{i<=2,d<=2,e<=3}` permit at most 2 insertions, at most 2 deletions, at most 3 errors in total, but no substitutions

It's also possible to state the costs of each type of error and the maximum permitted total cost.

Examples:

\* `{2i+2d+1s<=4}`  
each insertion costs 2, each deletion costs 2, each substitution costs 1, the total cost must not exceed 4

\* `{i<=1,d<=1,s<=1,2i+2d+1s<=4}` at most 1 insertion, at most 1 deletion, at most 1 substitution; each insertion costs 2, each deletion costs 2, each substitution costs 1, the total cost must not exceed 4

You can also use "<" instead of "<=" if you want an exclusive minimum or maximum.

You can add a test to perform on a character that's substituted or inserted.

Examples:

\* `{s<=2:[a-z]}` at most 2 substitutions, which must be in the character set `[a-z]`.

\* `{s<=2,i<=3:\d}` at most 2 substitutions, at most 3 insertions, which must be digits.

By default, fuzzy matching searches for the first match that meets the given constraints. The `ENHANCEMATCH` flag will cause it to attempt to improve the fit (i.e. reduce the number of errors) of the match that it has found.

The `BESTMATCH` flag will make it search for the best match instead.

Further examples to note:

\* `regex.search("(dog){e}", "cat and dog")[1]` returns `"cat"` because that matches `"dog"` with 3 errors (an unlimited number of errors is permitted).

\* `regex.search("(dog){e<=1}", "cat and dog")[1]` returns `" dog"` (with a leading space) because that matches `"dog"` with 1 error, which is within the limit.

\* `regex.search("(?e)(dog){e<=1}", "cat and dog")[1]` returns `"dog"` (without a leading space) because the fuzzy search matches `" dog"` with 1 error, which is within the limit, and the `(?e)` then it attempts a better fit.

In the first two examples there are perfect matches later in the string, but in neither case is it the first possible match.

The match object has an attribute `fuzzy_counts` which gives the total number of substitutions, insertions and deletions.

```
.. sourcecode:: python
```

```
>>> # A 'raw' fuzzy match:
>>> regex.fullmatch(r"(?:cats|cat){e<=1}", "cat").fuzzy_counts
(0, 0, 1)
>>> # 0 substitutions, 0 insertions, 1 deletion.
```

```
>>> # A better match might be possible if the ENHANCEMATCH flag used:
>>> regex.fullmatch(r"(?e)(?:cats|cat){e<=1}", "cat").fuzzy_counts
(0, 0, 0)
>>> # 0 substitutions, 0 insertions, 0 deletions.
```

The match object also has an attribute `fuzzy_changes` which gives a tuple of the positions of the substitutions, insertions and deletions.

```
.. sourcecode:: python
```

```
>>> m = regex.search('(fuu){i<=2,d<=2,e<=5}', 'anaconda foo bar')
>>> m
<regex.Match object; span=(7, 10), match='a f', fuzzy_counts=(0, 2, 2)>
>>> m.fuzzy_changes
```

```
([], [7, 8], [10, 11])
```

What this means is that if the matched part of the string had been:

```
.. sourcecode:: python
```

```
'anacondfuuo bar'
```

it would've been an exact match.

However, there were insertions at positions 7 and 8:

```
.. sourcecode:: python

'anaconda fuuoo bar'
  ^^
```

and deletions at positions 10 and 11:

```
.. sourcecode:: python

'anaconda f~~oo bar'
  ^^
```

So the actual string was:

```
.. sourcecode:: python

'anaconda foo bar'
```

\* Named lists (Hg issue 11 <<https://bitbucket.org/mrabarnett/mrab-regex/issues/11>>`\_)

```
``\L<name>``
```

There are occasions where you may want to include a list (actually, a set) of options in a regex.

One way is  
to build the pattern like this:

```
.. sourcecode:: python

>>> p = regex.compile(r"first|second|third|fourth|fifth")
```

but if the list is large, parsing the resulting regex can take considerable time, and care must also be taken that the strings are properly escaped and properly ordered, for example, "cats" before "cat".

The new alternative is to use a named list:

```
.. sourcecode:: python

>>> option_set = ["first", "second", "third", "fourth", "fifth"]
>>> p = regex.compile(r"\L<options>", options=option_set)
```

The order of the items is irrelevant, they are treated as a set. The named lists are available as the ```.named_lists``` attribute of the pattern object :

.. sourcecode:: python

```
>>> print(p.named_lists)
# Python 3
{'options': frozenset({'fifth', 'first', 'fourth', 'second', 'third'})}
# Python 2
{'options': frozenset(['fifth', 'fourth', 'second', 'third', 'first'])}
```

#### \* Start and end of word

```\m``` matches at the start of a word.

```\M``` matches at the end of a word.

Compare with ```\b```, which matches at the start or end of a word.

#### \* Unicode line separators

Normally the only line separator is ```\n``` (```\x0A```), but if the ```WORD``` flag is turned on then the line separators are ```\x0D\x0A```, ```\x0A```, ```\x0B```, ```\x0C``` and ```\x0D```, plus ```\x85```, ```\u2028``` and ```\u2029``` when working with Unicode.

This affects the regex dot ```.```, which, with the ```DOTALL``` flag turned off, matches any character except a line separator. It also affects the line anchors ```^``` and ```$``` (in multiline mode).

#### \* Set operators

**\*\*Version 1 behaviour only\*\***

Set operators have been added, and a set ```[...]``` can include nested sets.

The operators, in order of increasing precedence, are:

\* ```|``` for union ("`x|y`" means "x or y")

\* ```~``` (double tilde) for symmetric difference ("`x~y`" means "x or y, but not both")

\* ```&&``` for intersection ("`x&&y`" means "x and y")

\* ```--``` (double dash) for difference ("`x--y`" means "x but not y")

Implicit union, ie, simple juxtaposition like in ```[ab]```, has the highest precedence. Thus, ```[ab&&cd]``` is the same as ```[[a|b]&&[c|d]]```.

Examples:

\* ```[ab]``` # Set containing 'a' and 'b'

```
* ``[a-z]`` # Set containing 'a' .. 'z'

* ``[[a-z--[qw]]`` # Set containing 'a' .. 'z', but not 'q' or 'w'

* ``[a-z--qw]`` # Same as above

* ``[\p{L}--QW]`` # Set containing all letters except 'Q' and 'W'
```

```
* ``[\p{N}--[0-9]]`` # Set containing all numbers except '0' .. '9'
```

```
* ``[\p{ASCII}&&\p{Letter}]`` # Set containing all characters which are ASCII and letter
```

```
* regex.escape ( issue #2650 <https://bugs.python.org/issue2650>`_ )
```

`regex.escape` has an additional keyword parameter `special_only`. When True, only 'special' regex characters, such as '?', are escaped.

Examples:

```
.. sourcecode:: python
```

```
>>> regex.escape("foo!?", special_only=False)
'foo\!\|?'
>>> regex.escape("foo!?", special_only=True)
'foo!\|?'
```

```
* regex.escape ( Hg issue 249 <https://bitbucket.org/mrabarnett/mrab-regex/issues/249>`_ )
```

`regex.escape` has an additional keyword parameter `literal_spaces`. When True, spaces are not escaped.

Examples:

```
.. sourcecode:: python
```

```
>>> regex.escape("foo
bar!?", literal_spaces=False)
'foo\ bar!\|?'
>>> regex.escape("foo bar!?", literal_spaces=True)
'foo bar!\|?'
```

```
* Repeated captures ( issue #7132 <https://bugs.python.org/issue7132>`_ )
```

A match object has additional methods which return information on all the successful matches of a repeated capture group. These methods are:

```
* ``matchobject.captures([group1, ...])``
```



\* Returns a list of the strings matched in a group or groups. Compare with `matchobject.group([group1, ...])`.

\* `matchobject.starts([group])`

\* Returns a list of the start positions. Compare with `matchobject.start([group])`.

\* `matchobject.ends([group])`

\* Returns a list of the end positions. Compare with `matchobject.end([group])`.

\* `matchobject.spans([group])`

\* Returns a list of the spans. Compare with `matchobject.span([group])`.

Examples:

```
.. sourcecode:: python
```

```
>>> m = regex.search(r"(\w{3})+", "123456789")
>>> m.group(1)
'789'
>>> m.captures(1)
['123', '456', '789']
>>> m.start(1)
6
>>> m.starts(1)
[0, 3, 6]
>>> m.end(1)
9
>>> m.ends(1)
[3, 6, 9]
>>> m.span(1)
(6, 9)
>>> m.spans(1)
[(0, 3), (3, 6), (6, 9)]
```

\* Atomic grouping ( issue #433030 <<https://bugs.python.org/issue433030>> )

```
``(?>...)``
```

If the following pattern subsequently fails, then the subpattern as a whole will fail.

\* Possessive quantifiers.

```
``(?:...)?+`` ; ``(?:...)*+`` ; ``(?:...)++`` ; ``(?:...){min,max}+``
```

The subpattern is matched up to 'max' times. If the following pattern subsequently fails, then all of the repeated subpatterns will fail as a whole. For example, `((?:...)+)` is equivalent to `((?:>(?:...)+))`.

\* Scoped flags ([issue #433028](https://bugs.python.org/issue433028) <<https://bugs.python.org/issue433028>>`\_`)

```
((?flags-flags:...))
```

The flags will apply only to the subpattern. Flags can be turned on or off.

\* Definition of 'word' character ([issue #1693050](https://bugs.python.org/issue1693050) <<https://bugs.python.org/issue1693050>>`\_`)

The definition of a 'word' character has been expanded for Unicode. It now conforms to the Unicode specification at <http://www.unicode.org/reports/tr29/>.

\* Variable-length lookbehind

A lookbehind can match a variable-length string.

\* Flags argument for `regex.split`, `regex.sub` and `regex.subn` ([issue #3482](https://bugs.python.org/issue3482) <<https://bugs.python.org/issue3482>>`\_`)

```
regex.split`, regex.sub` and `regex.subn`  
support a 'flags' argument.
```

\* `pos` and `endpos` arguments for `regex.sub` and `regex.subn`

```
regex.sub` and `regex.subn` support 'pos' and 'endpos' arguments.
```

\* 'Overlapped' argument for `regex.findall` and `regex.finditer`

```
regex.findall` and `regex.finditer` support an 'overlapped' flag which permits overlapped matches.
```

\* Splititer

```
regex.splititer` has been added. It's a generator equivalent of `regex.split`.
```

\* Subscripting for groups

A match object accepts access to the captured groups via subscripting and slicing:

```
.. sourcecode:: python
```

```
>>> m = regex.search(r"(?P<before>.*?)(?P<num>\d+)(?P<after>.*)", "pqr123stu")  
>>> print(m["before"])  
pqr  
>>> print(len(m))
```

4

```
>>> print(m[:])  
(pqr123stu, 'pqr', '123', 'stu')
```

#### \* Named groups

Groups can be named with ```(?<name>...)``` as well as the current ```(?P<name>...)```.

#### \* Group references

Groups can be referenced within a pattern with ```\g<name>```. This also allows there to be more than 99 groups.

#### \* Named characters

```
``\N{name}``
```

Named characters are supported. (Note: only those known by Python's Unicode database are supported.)

#### \* Unicode codepoint properties, including scripts and blocks

```
``\p{property=value}``; ``\P{property=value}``; ``\p{value}`` ; ``\P{value}``
```

Many Unicode properties are supported, including blocks and scripts. ```\p{property=value}``` or ```\p{property:value}``` matches a character whose property ```property``` has value ```value```. The inverse of ```\p{property=value}``` is ```\P{property=value}``` or ```\p{^property=value}```.

If the short form ```\p{value}``` is used, the properties are checked in the order: ```General_Category```, ```Script```, ```Block```, binary property:

\* ```Latin```, the 'Latin' script (```Script=Latin```).

\* ```BasicLatin```, the 'BasicLatin' block (```Block=BasicLatin```).

\* ```Alphabetic```, the 'Alphabetic' binary property (```Alphabetic=Yes```).

A short form starting with ```Is``` indicates a script or binary property:

\* ```IsLatin```, the 'Latin' script (```Script=Latin```).

\* ```IsAlphabetic```, the 'Alphabetic' binary property (```Alphabetic=Yes```).

A short form starting with ```In``` indicates a block property:

\* ```InBasicLatin```, the 'BasicLatin' block (```Block=BasicLatin```).

#### \* POSIX character classes

```
``[:alpha:];``; ``[:^alpha:]``
```

POSIX character classes are supported. These are normally treated as an alternative form of ``\p{...}``.

The exceptions are ``alnum``, ``digit``, ``punct`` and ``xdigit``, whose definitions are different from those of Unicode.

```
``[:alnum:]`` is equivalent to ``\p{posix_alnum}``.
```

```
``[:digit:]`` is equivalent to ``\p{posix_digit}``.
```

```
``[:punct:]`` is equivalent to ``\p{posix_punct}``.
```

```
``[:xdigit:]`` is equivalent to ``\p{posix_xdigit}``.
```

#### \* Search anchor

```
``\G``
```

A search anchor has been added. It matches at the position where each search started/continued and can be used for contiguous matches or in negative variable-length lookbehinds to limit how far back the lookbehind goes:

```
.. sourcecode:: python
```

```
>>> regex.findall(r"\w{2}", "abcd ef")
['ab', 'cd', 'ef']
>>> regex.findall(r"\G\w{2}", "abcd ef")
['ab', 'cd']
```

\* The search starts at position 0 and matches 2 letters 'ab'.

\* The search continues at position 2 and matches 2 letters 'cd'.

\* The search continues at position 4 and fails to match any letters.

\* The anchor stops the search start position from being advanced, so there are no more results.

#### \* Reverse searching

Searches can now work backwards:

```
.. sourcecode:: python
```

```
>>> regex.findall(r".", "abc")
['a', 'b', 'c']
>>> regex.findall(r"(?r).", "abc")
```

```
['c', 'b', 'a']
```

Note: the result of a reverse search is not necessarily the reverse of a forward search:

```
.. sourcecode:: python
```

```
>>> regex.findall(r"..", "abcde")
['ab', 'cd']
>>> regex.findall(r"(?r)..", "abcde")
['de', 'bc']
```

\* Matching a single grapheme

```
``\X``
```

The grapheme matcher is supported. It now conforms to the Unicode specification at <http://www.unicode.org/reports/tr29/>.

\* Branch reset

```
``(?:|...|...)``
```

Capture group numbers will be reused across the alternatives, but groups with different names will have different group numbers.

Examples:

```
.. sourcecode:: python
```

```
>>> regex.match(r"?(first)|(second)", "first").groups()
('first',)
>>> regex.match(r"?(first)|(second)", "second").groups()
('second',)
```

Note that there is only one group.

\* Default Unicode word boundary

The ```WORD``` flag changes the definition of a 'word boundary' to that of a default Unicode word boundary. This applies to ```\b``` and ```\B```.

\* Timeout (Python 3)

The matching methods and functions support timeouts. The timeout (in seconds) applies to the entire operation:

```
.. sourcecode:: python
```

```

>>> from time import sleep
>>>
>>> def fast_replace(m):
...     return 'X'
...
>>> def slow_replace(m):
...     sleep(0.5)
...     return 'X'
...
>>> regex.sub(r'[a-z]', fast_replace, 'abcde', timeout=2)
'XXXXX'
>>> regex.sub(r'[a-z]', slow_replace, 'abcde', timeout=2)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Python37\lib\site-packages\regex\regex.py", line 276, in sub
    endpos, concurrent, timeout)
TimeoutError: regex timed out

```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: Python Software Foundation License

Classifier: Operating System :: OS

Independent

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8

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Found in path(s):

```

* /opt/cola/permits/1364073317_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/PKG-INFO

```

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Found in path(s):

```

* /opt/cola/permits/1364073317_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/regex_3/regex/regex.py

```

```

* /opt/cola/permits/1364073317_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-

```

2019.08.19/regex\_2/regex/regex.py

\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-

2019.08.19/regex\_3/regex/\_regex\_core.py

\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-

2019.08.19/regex\_2/regex/\_regex\_core.py

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/\* Secret Labs' Regular Expression Engine

\*

\* regular expression matching engine

\*

\* partial history:

\* 1999-10-24 fl created (based on existing template matcher code)

\* 2000-03-06 fl first alpha, sort of

\* 2000-08-01 fl fixes for 1.6b1

\* 2000-08-07 fl use PyOS\_CheckStack() if available

\* 2000-09-20 fl added expand method

\* 2001-03-20 fl lots of fixes for 2.1b2

\* 2001-04-15 fl export copyright as Python attribute, not global

\* 2001-04-28 fl added \_\_copy\_\_ methods (work in progress)

\* 2001-05-14 fl fixes for 1.5.2 compatibility

\* 2001-07-01 fl added BIGCHARSET support (from Martin von Loewis)

\* 2001-10-18 fl fixed group reset issue (from Matthew Mueller)

\* 2001-10-20 fl added split primitive; reenable unicode for 1.6/2.0/2.1

\* 2001-10-21 fl added sub/subn primitive

\* 2001-10-24 fl added finditer primitive (for 2.2 only)

\* 2001-12-07 fl fixed memory leak in sub/subn (Guido van Rossum)

\* 2002-11-09 fl fixed empty sub/subn return type

\* 2003-04-18 mvl fully support 4-byte codes

\* 2003-10-17 gn implemented non recursive scheme

\* 2009-07-26 mrab completely re-designed matcher code

\* 2011-11-18 mrab added support for PEP 393 strings

\*

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\* Portions of this engine have been developed in cooperation with

\* CNRI. Hewlett-Packard provided funding for 1.6 integration and

\* other compatibility work.

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2019.08.19/regex\_3/\_regex.c

\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/regex\_2/\_regex.c

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\* NOTE: This file is generated by regex.py. If you need

\* to change anything in here, edit regex.py and run it.

\*

\* 2010-01-16 mrab Re-written

\*/

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\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/regex\_2/\_regex.h

\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/regex\_3/\_regex.h

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:Author: David Goodger (goodger@python.org)

:Id: \$Id: html4css1.css 7952 2016-07-26 18:15:59Z milde \$

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Default cascading style sheet for the HTML output of Docutils.

See <http://docutils.sf.net/docs/howto/html-stylesheets.html> for how to customize this style sheet.

\*/

Found in path(s):

\* /opt/cola/permits/1364073317\_1657843621.1942039/0/python-regex-0-1-20190819-orig-tar-xz/regex-2019.08.19/docs/Features.html

# 1.632 kubernetes-klog 2.40.0

## 1.632.1 Available under license :

Apache License

Version 2.0, January 2004

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# 1.638 golangci-golangci-lint 1.45.2

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## 1.639 dateparser 0.7.2-2

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# PLY (Python Lex-Yacc)                      Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.  
If you know how to use these tools in C, you will find PLY to be similar.

- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

#### How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

#### Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

#### Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

#### Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

=====



PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

#### Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```
# -----
# calc.py
#
# A simple calculator with variables.
# -----

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
)

# Tokens

t_PLUS = r\+'
t_MINUS = r\-'
t_TIMES = r\*'
t_DIVIDE = r\/'
t_EQUALS = r\='
t_LPAREN = r\( '
t_RPAREN = r\) '
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r\d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r\n+'
    t.lexer.lineno += t.value.count("\n")
```

```

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence
rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
    )

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    '''expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression'''
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN
expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'

```

```

p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ') # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)

```

## Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to [dave@dabeaz.com](mailto:dave@dabeaz.com).

-- Dave

Found in path(s):

```
* /opt/cola/permits/1364073287_1657843609.5201077/0/ply-3-11-orig-1-tar-gz/ply-3.11/README.md
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```

```
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```

Found in path(s):

```
* /opt/cola/permits/1364073287_1657843609.5201077/0/ply-3-11-orig-1-tar-gz/ply-3.11/example/GardenSnake/GardenSnake.py
```

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Metadata-Version: 1.1

Name: ply

Version: 3.11

Summary: Python Lex & Yacc

Home-page: <http://www.dabeaz.com/ply/>

Author: David Beazley

Author-email: [dave@dabeaz.com](mailto:dave@dabeaz.com)

License: BSD

Description-Content-Type: UNKNOWN

Description:

PLY is yet another implementation of lex and yacc for Python. Some notable features include the fact that its implemented entirely in Python and it uses LALR(1) parsing which is efficient and well suited for larger grammars.

PLY provides most of the standard lex/yacc features including support for empty productions, precedence rules, error recovery, and support for ambiguous grammars.

PLY is extremely easy to use and provides very extensive error checking.

It is compatible with both Python 2 and Python 3.

Platform: UNKNOWN

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python

:: 2

Found in path(s):

\* /opt/cola/permits/1364073287\_1657843609.5201077/0/ply-3-11-orig-1-tar-gz/ply-3.11/ply.egg-info/PKG-INFO  
\* /opt/cola/permits/1364073287\_1657843609.5201077/0/ply-3-11-orig-1-tar-gz/ply-3.11/PKG-INFO

# 1.641 python-tzlocal 2.1~b1-2

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github.com/pelletier/go-toml:

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localtime.go, localtime\_test.go:

Originals:

<https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go>

[https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil\\_test.go](https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go)

Changes:

- \* Renamed files from civil\* to localtime\*.
- \* Package changed from civil to toml.
- \* 'Local' prefix added to all structs.

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# 1.645 pycparser 2.19-1ubuntu1

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pycparser -- A C parser in Python

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## 1.647 zlib 1.2.11

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

# 1.648 chardet 5.0.0

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# 1.649 e2fsprogs 1.45.5 2ubuntu1.1

## 1.649.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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#

# This is a Makefile stub which handles the creation of BSD shared # libraries.

#

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0

```

# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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This is the Debian GNU/Linux prepackaged version of the translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Index: tdbsa/tdb.c

-----  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
- trivial database library - private includes

- 
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Gadi Oxman, August 1995

-----  
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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>  
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```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY;
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This is free software, and you are welcome to redistribute it
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```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Theodore Ts'o  
23-June-2007

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
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comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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## 1.651 python-pip 22.2.1

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#  
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:  
<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>  
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.  
Just configure this file as the SSLCACertificateFile.#

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\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.2   | 2.1.1 | 2001      | PSF | yes |
| 2.1.2 | 2.1.1 | 2002      | PSF | yes |
| 2.1.3 |       |           |     |     |
| 2.1.2 | 2002  | PSF       | yes |     |
| 2.2.1 | 2.2   | 2002      | PSF | yes |
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| 2.5.3 | 2.5.2 | 2008      | PSF | yes |
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| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
| 2.6.4 | 2.6.3 | 2009      | PSF | yes |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
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|                |           |           |            |         |
|----------------|-----------|-----------|------------|---------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes     |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
| 1.6            | 1.5.2     | 2000      | CNRI       | no      |
| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no      |
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**1.652 golang-genproto 0.0.0-20220407144326-9054f6ed7bac**

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1992-1997 Michael K. Johnson, johnsonm@redhat.com

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1994 Kevin E. Martin (martin@cs.unc.edu)

1994 Salvatore Valente <svalente@mit.edu>

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```
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Written by: Philip Hazel  
Email local part: ph10  
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## 1.659 audit 2.8.5-2ubuntu6

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## 1.660 readline 8.0-4

### 1.660.1 Available under license :

This is Debian GNU/Linux's prepackaged version of the FSF's GNU Readline library.

This package was put together by Matthias Klose <doko@debian.org>, derived from the bash package by Guy Maor <maor@debian.org>, from the GNU sources at

<ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz>.

Upstream Authors:

```
Chet Ramey <chet.ramey@case.edu>
Jeff Solomon <jsolomon@stanford.edu> (examples/excallback.c)
Harold Levy <Harold.Levy@synopsys.com> (examples/rl-fgets.c)
Juergen Weigert <jnweiger@immd4.informatik.uni-erlangen.de> (examples/rlfe)
```

Michael Schroeder <mlschroe@immd4.informatik.uni-erlangen.de> (examples/rlfe)

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and

`show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

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This is Debian GNU/Linux's prepackaged version of the rlfe program.  
This package was put together by Matthias Klose <doko@debian.org>.

Upstream source:  
<ftp.gnu.org:/pub/gnu/readline/readline-4.3.tar.gz>.

Author: Per Bothner

Copyright:

```
/* A front-end using readline to "cook" input lines for Kawa.  
*  
* Copyright (C) 1999 Per Bothner  
*  
* This front-end program is free software; you can redistribute it and/or  
* modify it under the terms of the GNU General Public License as published  
* by the Free Software Foundation; either version 2, or (at your option)  
* any later version.  
*  
* Some code from Johnson & Troan: "Linux Application Development"  
* (Addison-Wesley, 1998) was used directly or for inspiration.  
*/
```

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