

NCS 6008 platform onafhankelijke CLI-opdrachtwijzigingen

Inleiding

Dit document beschrijft het Cisco Network Convergence System (NCS) 6000 Platform Independent CLI Commands in Cisco IOS[®] XR release 5.0.1 die is gewijzigd in vergelijking met de Cisco Carrier Routing System (CRS)-routers die andere releases van Cisco IOS XR uitvoeren.

Dit document is bedoeld voor iedereen die bekend is met Cisco IOS XR en wil begrijpen welke CLI-wijzigingen zijn aangebracht met NCS 6008 en release 5.0.1.

Opmerking: Dit document heeft geen betrekking op opdrachten van het platform Dependent (PD) die specifiek zijn gewijzigd of gemaakt voor het NCS 6008 platform.

Voorwaarden

Vereisten

Cisco raadt u aan om een kennis op hoog niveau van deze onderwerpen te hebben:

- Cisco IOS XR CLI-opdrachten
- NCS 6008 architectuur

Gebruikte componenten

Dit document is beperkt tot Cisco IOS XR release 5.0.1 die op NCS 6008 draait.

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk live is, moet u de potentiële impact van elke opdracht begrijpen.

Gebruik van dit document

De NCS 6008 platform van onafhankelijke opdrachten die in dit document worden opgesomd, zijn gewijzigd voor NCS 6008 en Cisco IOS XR release 5.0.1. Elke opdracht is in alfabetische volgorde opgenomen. Er wordt een samenvatting van de wijzigingen en aanvullende bijzonderheden over de specifieke verschillen gegeven. Elke opdracht is gekoppeld aan de bijbehorende opdrachtreferentiegids, indien beschikbaar.

Voorbeeld worden CLI-uitvoer en vergelijkingen met CRS CLI-uitvoer voor veel van de opdrachten opgenomen.

Er is voor elke opdracht een betekenis van Minor of Major aangegeven om de lezer te helpen belangrijke veranderingen te identificeren vanuit die welke slechts kleine syntax, optie of uitvoerveranderingen zijn.

vastmaken

Raadpleeg het [Bijlage](#) gedeelte van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: De optie is beschikbaar in de EXEC-modus.

Details: Om verbinding te maken met een host vanuit een externe locatie, gebruikt u de opdracht **lokatie** in de modi System Admin EXEC en XR EXEC. Deze bewerking wijkt enigszins af van de **run attach**-opdracht op het CRS-platform vanwege de scheiding van de System Admin (SysAdmin) en XR Virtual Machines (VMs) in Cisco IOS XR release 5.0.1. Voor elke linecard en routeprocessor (RP) bestaat er een host-shell voor de System Admin VM en XR VM.

Belangrijk: Beperkt

Dit is hoe u aan een linecard of RP van XR VM aansluit:

```
RP/0/RP0/CPU0:ncs6k#attach ?
location Specify a location
RP/0/RP0/CPU0:ncs6k#attach location ?
0/0/CPU0 Fully qualified location specification
0/7/CPU0 Fully qualified location specification
0/RP0/CPU0 Fully qualified location specification
0/RP1/CPU0 Fully qualified location specification
WORD Fully qualified location specification
```

```
RP/0/RP0/CPU0:ncs6k#attach location 0/0/CPU0
Mon Jan 20 10:03:53.863 UTC
[xr-vm_node0_0_CPU0:~]$ export PS1=#
#
#
#
#exit
```

```
RP/0/RP0/CPU0:ncs6k#attach location 0/RP1/CPU0
Mon Jan 20 10:04:08.287 UTC
[xr-vm_node0_RP1_CPU0:~]$ export PS1=#
#
#
#exit
```

Dit is hoe u aan een lijnkaart of RP van SysAdmin VM aansluit:

```
RP/0/RP0/CPU0:ncs6k#admin
Mon Jan 20 10:04:30.400 UTC
root connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
```

```
sysadmin-vm:0_RP0# attach ?
```

Possible completions:
location node ID, in #/#/CPU# format

```
sysadmin-vm:0_RP0# attach location ?
```

Possible completions:
0/0 0/7 0/RP0 0/RP1

```
sysadmin-vm:0_RP0# attach location 0/0
```

Mon Jan 20 10:05:08.279 UTC

```
[sysadmin-vm:0_0:~]$ exec chvrf 2 bash
```

```
[sysadmin-vm:0_0:~]$
```

```
[sysadmin-vm:0_0:~]$
```

```
[sysadmin-vm:0_0:~]$ exit
```

```
sysadmin-vm:0_RP0# attach location 0/RP1
```

Mon Jan 20 10:05:27.960 UTC

```
[sysadmin-vm:0_RP1:~]$ exec chvrf 2 bash
```

```
[sysadmin-vm:0_RP1:~]$
```

```
[sysadmin-vm:0_RP1:~]$
```

```
[sysadmin-vm:0_RP1:~]$ exit
```

```
sysadmin-vm:0_RP0#
```

```
sysadmin-vm:0_RP0#
```

duidelijke context

Raadpleeg het [duidelijke](#) context-gedeelte van de **stelsysteembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn kleine gedragsveranderingen.

Details: Het heeft dezelfde CLI-opties.

Belangrijk: Beperkt

kopiëren

Raadpleeg het [kopiëren](#) gedeelte van de **Stelsysteembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Sommige opties zijn niet beschikbaar. Het is moeilijk te kopiëren tussen SysAdmin VM en XR VM.

Details: FTP wordt ondersteund voor bestandsoverdracht onder XR VM-kopie CLI.

De SysAdmin VM en XR VM bestandssystemen zijn afzonderlijk. Zowel de SysAdmin- als de XR VM's hebben een **vaste schijf**: en **schijf0**: gidsen. Wanneer u pakketten kopieert of installeert vanaf **disk0**: of **harddisk**: de pakketten die worden geïnstalleerd vanaf de XR VM (iso, optionele pakketten, XR SMU's) moeten worden gekopieerd naar het XR VM-systeem. SysAdmin VM SMU's worden gekopieerd naar het Admin VM-systeem voordat ze de installatiebewerking uitvoeren.

Belangrijk: majoor

```
RRP/0/RP0/CPU0:NCS6008-SJ#copy ?
/recurse      Recursively list subdirectories encountered
WORD         Copy from file
access-list   Access lists
disk0:        Copy from disk0: file system
disk1:        Copy from disk1: file system
ftp:          Copy from ftp: file system
harddisk:     Copy from harddisk: file system
prefix-list   Prefix lists
running-config Copy from current system configuration
tftp:         Copy from tftp: file system
xml-schema    Copy XML schema files as a tar ball file (.tar.gz)
```

```
RP/0/RP0/CPU0:NCS6008-SJ#admin
Wed Feb 19 18:08:46.614 UTC
```

```
cisco connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
sysadmin-vm:0_RP0# copy ?
```

```
Possible completions:
<WORD>      Name of the file
config:      Copy from config: file system
disk0:       Copy from disk0: file system
harddisk:    Copy from harddisk: file system
log:         Copy from log: file system
recurse      Recursively list subdirectories encountered
rootfs:      Copy from rootfs: file system
running-config Copy running config to file, overwriting it if it exists
tftp:        Copy from tftp: file system
```

beschrijven

Samenvatting: Er zijn kleine uitvoerveranderingen. Deze opdracht is beschikbaar in XR VM en in SysAdmin VM.

De opdrachtoutput geeft aan dat er bepaalde wijzigingen in de TaskIDs nodig zijn om XR-opdrachten op een CRS te kunnen uitvoeren in vergelijking met de NCS-6008.

Details: Wanneer in de SysAdmin VM een **beschrijving** wordt gebruikt, werkt deze voor sommige opdrachten maar niet voor andere. De SysAdmin VM versie van deze opdrachtoutput geeft de Linux Operating System (OS) Opdracht weer die is gevraagd om de opdracht uit te voeren in SysAdmin VM. Aangezien TaskID's niet worden gebruikt om SysAdmin VM-opdrachten uit te voeren, bevat de beschrijving-uitvoer die informatie niet wanneer deze in SysAdmin VM wordt gebruikt.

Belangrijk: Beperkt

```
RP/0/RP1/CPU0:NCS6008-A#describe show install active
The command is defined in instmgr_cmd.parser
```

User needs ALL of the following taskids:

```
root-system (READ) or cisco-support (READ) or root-lr (READ)
```

```
It will take the following actions:
Thu Jun 25 08:40:38.485 UTC
```

Spawn the process:
sdr_instcmd show install active

RP/0/RP0/CPU0:CRS-J#**describe show install active**

The command is defined in instmgr_cmds.parser

Node 0/RP0/CPU0 has file instmgr_cmds.parser for boot package
/disk0/hfr-os-mbi-4.3.1/0x100008/mbihfr-rp-x86e.vm from iosxr-infra

Package:

iosxr-infra

iosxr-infra V4.3.1[Default] IOS-XR Infra Package Definition

Vendor : Cisco Systems

Desc : IOS-XR Infra Package Definition

Build : Built on Sun May 12 03:53:02 UTC 2013

Source : By iox-bld2 in /auto/srcarchive7/production/4.3.1/all/workspace

for pie

Card(s): RP, RP-B, HRP, CRS-RP-X86, CRS8-RP-x86, CRS16-RP-x86, DRP,
40G-MS-C, 140G-MS-C, SP, SC

Restart information:

Default:

parallel impacted processes restart

Size Compressed/Uncompressed: 87MB/214MB (40%)

Component:

installmgr.x86e V0.0.5[r43x/12] On the box installation program

File:

instmgr_cmds.parser

Card(s) : CRS-RP-X86, CRS8-RP-x86, CRS16-RP-x86

File type : Default

Remotely-hosted : No

Local view : /pkg/parser/instmgr_cmds.parser

Local install path : /disk0/iosxr-infra-4.3.1/0x100008/parser/instmgr_cmds.parser

(Compressed)

Central install path : /disk0/iosxr-infra-4.3.1/0x100008/parser/instmgr_cmds.parser

(Compressed)

Uncompressed size : 116KB

Compressed size : 45KB

Uncompressed MD5 : 697582f5d5318bf583b5c3329adad088

Compressed MD5 : ef9cad3bf493e9f8173520b513a7c777

User needs ALL of the following taskids:

pkg-mgmt (READ)

It will take the following actions:

Tue Feb 11 21:57:54.803 UTC

Spawn the process:

instcmd show install active

RP/0/RP1/CPU0:NCS6008-A#**admin**

sysadmin-vm:0_RP1# describe show media

Thu Jun 25 09:09:59.573 UTC

Common

Source : clispec

File : /opt/cisco/calvados/confd/etc/confd/schema/showmedia.cli

Callback [os command]

OS command : /opt/cisco/calvados/confd/etc/confd/scripts/show_media.sh

Help

display media info

Info

display media info

sysadmin-vm:0_RP1# **run**

Thu Jun 25 09:14:45.756 UTC

[sysadmin-vm:0_RP1:~]\$ /opt/cisco/calvados/confd/etc/confd/scripts/show_media.sh

```
-----  
Partition                Size      Used  Percent   Avail  
-----  
rootfs:                  2.9G     480M    18%      2.3G  
log:                     494M     103M    22%      366M  
config:                  494M      24M     6%      445M  
disk0:                   965M      25M     3%      892M  
harddisk:                37G      1.5G     5%       34G  
-----
```

rootfs: = root file system (read-only)

log: = system log files (read-only)

config: = configuration storage (read-only)

gedrongen

Raadpleeg het gedeelte van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn kleine veranderingen in de CLI opties en gedrag.

Details: Het proces-corehelper wordt in plaats van de dumper gebruikt. Wanneer dumpcore run wordt uitgevoerd op NCS, is er een verminderde output in de syslogs omdat de crashinformatie niet naar de syslog is geschreven door de dumper.

Belangrijk: Beperkt

RP/0/RP0/CPU0:NCS6008-A#**dumpcore ?**

running Perform a core dump for a running process

suspended Suspend the process while generating core and resume afterwards

RP/0/RP0/CPU0:NCS6008-A#**dumpcore running admin-cli-proxy-xr_static**

Sat Jan 31 23:54:27.345 UTC

Dump core Succeeded

RP/0/RP0/CPU0:Jan 31 23:54:27.422 : corehelper[139]: dump_core starts, only one core is dumped at a time

RP/0/RP0/CPU0:Jan 31 23:54:27.600 : corehelper[139]: Copied core

admin-cli-proxy-xr_static.14548.by.user.19700131-235427.xr-vm_node0_RP0_CPU0.9e781.core.gz to 0/RP0/CPU0:/misc/disk1

RP/0/RP0/CPU0:Jan 31 23:54:27.601 : corehelper[139]: Deleted core file

admin-cli-proxy-xr_static.14548.by.user.19700131-235427.xr-vm_node0_RP0_CPU0.9e781.core.gz.

RP/0/RP0/CPU0:CRS-J#**dumpcore running bgp**

Fri Nov 15 17:56:33.834 UTC

RP/0/RP0/CPU0:Nov 15 17:56:33.852 : dumper[61]: %OS-DUMPER-7-DUMP_REQUEST :

Dump request for process pkg/bin/bgp

RP/0/RP0/CPU0:Nov 15 17:56:33.853 : dumper[61]: %OS-DUMPER-7-DUMP_ATTRIBUTE :

Dump request with attribute 7 for process pkg/bin/bgp

RP/0/RP0/CPU0:Nov 15 17:56:33.854 : dumper[61]: %OS-DUMPER-4-CORE_INFO :

Core for pid = 549148 (pkg/bin/bgp) requested by pkg/bin/dumper_gen@node0_RP0_CPU0

RP/0/RP0/CPU0:Nov 15 17:56:33.854 : dumper[61]: %OS-DUMPER-7-PROC_PAGES :

Process memory pages 581

RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-6-FALLBACK_CHOICE :
Fall back choice: 0(harddisk:/dumper) in use
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
EDI ESI EBP(fp) EXX
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
R0 1031b8bc 041ff980 041ff95c e899ab58
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
EBX EDX ECX EAX
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
R4 1031b99c 082657da 041ff8dc 0000000e
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
EIP(pc) CS EFL ESP
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
R8 082657da 000000f3 80001202 041ff8dc
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
SS
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
R12 000000fb
RP/0/RP0/CPU0:Nov 15 17:56:33.857 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#0 0x82657da
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#1 0x81ef5d3
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#2 0x81f1605
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#3 0x81f287b
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#4 0xb439fb4
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#5 0x424d770
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#6 0x4202080
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-INSTALL_PKG_SHOW_FAILED :
active installed packages show failed: Information not available
RP/0/RP0/CPU0:Nov 15 17:56:33.864 : dumper[61]: %OS-DUMPER-7-DLL_INFO_HEAD :
DLL path Text addr. Text size Data addr. Data size Version
RP/0/RP0/CPU0:Nov 15 17:56:33.864 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libplatform.dll 0x08178000 0x0000a000 0x08182000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libsystemgr.dll 0x08186000 0x00018000 0x0819e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcerrno.dll 0x0819f000 0x00003000 0x081a2000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libbios.dll 0x081a3000 0x0002f000 0x081d2000
0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libss_common.dll 0x081d4000 0x00007000 0x081db000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libinfra.dll 0x081dc000 0x0003e000 0x0821a000
0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libltrace.dll 0x0821d000 0x0000b000 0x08228000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_platform_infra_ltrace.dll 0x08229000 0x00001000
0x0822a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcsemlock.dll 0x0822b000 0x00003000 0x0822e000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :

/hfr-os-4.1.2/0x100008/lib/libpcds.dll 0x08233000 0x00008000 0x0823b000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libc.dll 0x08241000 0x00007c000 0x082bd000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_procfs_util.dll 0x082c6000 0x00004000
0x082ca000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libsyslog.dll 0x082cb000 0x00004000 0x082cf000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libbackplane.dll 0x082d0000 0x00002000 0x082d2000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnodeid.dll 0x082d3000 0x00009000 0x082dc000
0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpackage.dll 0x08341000 0x000062000 0x083a3000
0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libdebug.dll 0x083ba000 0x0000f000 0x083c9000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnotify.dll 0x08400000 0x00030000 0x08430000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libinst_debug.dll 0x08431000 0x00003000 0x08434000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_shmwin_pl_vm.dll 0x08444000 0x00001000
0x08445000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_mutex_monitor.dll 0x08453000 0x00002000
0x08455000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libshmwin.dll 0x08456000 0x00012000 0x08468000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcci_client.dll 0x085de000 0x0000b000 0x085e9000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcci_hal.dll 0x085ea000 0x0000e000 0x085f8000
0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libtlv.dll 0x08c75000 0x00004000 0x08c79000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_i2c_client_api.dll 0x08d9a000 0x00012000
0x08dac000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdb.dll 0x08e00000 0x0003e000
0x08e3e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbutils.dll 0x08e3f000 0x00012000
0x08e51000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libship.dll 0x08e80000 0x00007000 0x08e87000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libwd_notif.dll 0x08e88000 0x00008000
0x08e90000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpkgfs_query.dll 0x08ea9000 0x00002000


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0x08eab000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libshmalloc.dll 0x08ebc000 0x00005000 0x08ec1000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libredcon.dll 0x08ec2000 0x00006000
0x08ec8000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket_common.dll 0x08ee1000 0x00015000
0x08ef6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libgroup.dll 0x08ef7000 0x0001b000
0x08f12000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libgsputils.dll 0x08f24000 0x0000c000
0x08f30000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/redcon_plfm.dll 0x08fa3000 0x00003000
0x08fa6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libinfra_nsr.dll 0x0901f000 0x00008000
0x09027000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/lib_cctl_client_api.dll 0x0903d000
0x0001d000 0x0905a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_tlvlib.dll 0x09219000 0x00003000
0x0921c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbag.dll 0x09223000 0x00007000
0x0922a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/libfabaddr.dll 0x09267000 0x00003000
0x0926a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libens.dll 0x09283000 0x00010000
0x09293000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_spp_client.dll 0x092ac000 0x00012000
0x092be000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libnrsutils.dll 0x09337000 0x00005000
0x0933c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket.dll 0x093dc000 0x00012000 0x093ee000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libnrs.dll 0x094a0000 0x00007000
0x094a7000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libifmgr.dll 0x09778000 0x00042000
0x097ba000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 0() either not configured or bad path at <3524>. Trying next choice.
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libim_util.dll 0x097c4000 0x00021000
0x097e5000 0x00009000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 1() either not configured or bad path at <3384>. Trying next choice.
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librpc.dll 0x09800000 0x00008000
0x09808000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
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Choice 2() either not configured or bad path at <3384>. Trying next choice.
RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libasync.dll 0x09840000 0x0000d000
0x0984d000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 3() either not configured or bad path at <3384>. Trying next choice.
RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libcbp.dll 0x0984e000 0x00007000
0x09855000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbbackend.dll 0x099d0000
0x00006000 0x099d6000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libipaddr_cons.dll 0x09ae7000
0x0001f000 0x09b06000 0x00004000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libiparmaddr.dll 0x09b0a000
0x00002000 0x09b0c000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libiparmtlv.dll 0x09b0d000 0x00002000
0x09b0f000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbackend_sysdb.dll 0x09b4c000
0x00006000 0x09b52000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbackend_parser.dll 0x09b53000
0x00003000 0x09b56000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libwd_evm.dll 0x09b83000 0x00004000
0x09b87000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-fwding-4.1.2/0x100008/lib/lib_ppfi_buffhdr.dll 0x09b88000
0x00014000 0x09b9c000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-fwding-4.1.2/0x100008/lib/libhfr_buffhdr_hal.dll 0x09b9d000
0x00004000 0x09ba1000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbhelper.dll 0x09c1d000
0x00004000 0x09c21000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi.dll 0x0a0fc000 0x0000d000
0x0a109000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_util.dll 0x0a11b000 0x00003000
0x0a11e000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket_netio.dll 0x0a13e000 0x0000b000
0x0a149000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_dbg.dll 0x0a14a000 0x00002000
0x0a14c000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librp_isolation.dll 0x0a152000
0x00002000 0x0a154000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnsr_platform.dll 0x0a1dc000 0x00003000
0x0a1df000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libpfi_ifh.dll 0x0a1fb000 0x00005000
0x0a200000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libhfr_spp_client.dll 0x0a235000 0x00006000
0x0a23b000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libpfi_util.dll 0x0a24c000 0x00002000
0x0a24e000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libxipc.dll 0x0a26f000 0x00004000
0x0a273000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attr_util.dll 0x0a2af000
0x00002000 0x0a2b1000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libnsr_qad_client.dll 0x0a2cd000
0x00008000 0x0a2d5000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_acl.dll 0x0a2db000 0x0001a000
0x0a2f5000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libimattrclient.dll 0x0a2f9000
0x00018000 0x0a311000 0x00002000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4_acl.dll 0x0a315000 0x00023000
0x0a338000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_acl_support.dll 0x0a354000
0x00004000 0x0a358000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libpcl.dll 0x0a359000 0x00021000
0x0a37a000 0x00002000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4_acl_support.dll 0x0a395000
0x00002000 0x0a397000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_ma_las.dll 0x0a39a000
0x00008000 0x0a3a2000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbsd_addr_presentation.dll 0x0a3ee000
0x00002000 0x0a3f0000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4.dll 0x0a406000 0x00008000
0x0a40e000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_addr.dll 0x0a4a3000 0x00003000
0x0a4a6000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libbfd_ltrace.dll 0x0a92a000
0x00008000 0x0a932000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip4_rib.dll 0x0a9cf000 0x00014000
0x0a9e3000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/lib_ip6_rib.dll 0x0ab5a000 0x0000f000
0x0ab69000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_rib.dll 0x0abae000 0x00012000
0x0abc0000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsocket.dll 0x0acc9000 0x0001c000
0x0ace5000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-6-FALLBACK_CHOICE :
Fall back choice: 4(dumper_harddisk:/dumper) in use
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/liboradock.dll 0x0ad07000 0x00013000
0x0ad1a000 0x00001000 0
RP0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :

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/disk0/iosxr-routing-4.1.2/0x100008/lib/librasf.dll 0x0ad1b000 0x0000a000
0x0ad25000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libauto_dll.dll 0x0ad2b000 0x00005000
0x0ad30000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/librpl_util.dll 0x0ad34000 0x00002000
0x0ad36000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/librib_ora.dll 0x0ad37000 0x00004000
0x0ad3b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/liborashared.dll 0x0ad3c000
0x0000e000 0x0ad4a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_policy_ora_v1_0_0.dll
0x0ad4b000 0x0003a000 0x0ad85000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_damp_ora_v1_0_0.dll 0x0ad8f000
0x00006000 0x0ad95000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libbfd_client.dll 0x0add7000
0x0000a000 0x0ade1000 0x00009000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/liblsd.dll 0x0ae04000 0x0000c000
0x0ae10000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_util_common.dll 0x0b433000
0x0001a000 0x0b44d000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_debug.dll 0x0b44f000
0x0000b000 0x0b45a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_sysdb_util.dll 0x0b45c000
0x00018000 0x0b474000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af_lib.dll 0x0b477000
0x00009000 0x0b480000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_import.dll 0x0b481000
0x00017000 0x0b498000 0x00077000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-5-CORE_FILE_NAME :
Core for process pkg/bin/bgp at harddisk:
/dumper/first.bgp_1036.by.dumper_gen.node0_RP0_CPU0.x86.Z on local_node
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_db.dll 0x0b50f000
0x00009000 0x0b518000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attr_extcomm.dll 0x0b533000
0x00004000 0x0b537000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_util.dll 0x0b538000
0x00012000 0x0b54a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af.dll 0x0b54c000 0x0000f000
0x0b55b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_table.dll 0x0b55c000 0x00039000
0x0b595000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_nbr.dll 0x0b597000 0x0000a000
0x0b5a1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
```

```
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_prod.dll 0x0b5a2000 0x00004000
0x0b5a6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_policy.dll 0x0b5a7000 0x00010000
0x0b5b7000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libpcl_v1_0_ora.dll 0x0b5b8000
0x00003000 0x0b5bb000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_sysdb.dll 0x0b5bc000 0x00034000
0x0b5f0000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libtcp_sso_client.dll 0x0b5f2000
0x00005000 0x0b5f7000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_aggregate.dll 0x0b5f8000
0x0000e000 0x0b606000 0x0003a000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_rib.dll 0x0b640000 0x00026000
0x0b666000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_rib_lookup.dll 0x0b668000
0x00003000 0x0b66b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_import.dll 0x0b66c000 0x00014000
0x0b680000 0x00006000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_scanner.dll 0x0b686000 0x0002b000
0x0b6b1000 0x0000a000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_label.dll 0x0b6bb000 0x0001a000
0x0b6d5000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv4_unicast.dll 0x0b6d6000
0x00003000 0x0b6d9000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vpnv4_unicast.dll 0x0b6da000
0x00003000 0x0b6dd000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_unicast.dll 0x0b6de000
0x00003000 0x0b6e1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vpnv6_unicast.dll 0x0b708000
0x00003000 0x0b70b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libxp.dll 0x0b70c000 0x0001f000
0x0b72b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libdom.dll 0x0b72c000 0x00004000
0x0b730000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/cisco_ipv6_lib.dll 0x0b731000
0x00003000 0x0b734000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libl2vpn_ad.dll 0x0b735000 0x00007000
0x0b73c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_addr_cache.dll 0x0b75a000
0x00003000 0x0b75d000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv4_common.dll 0x0b787000
0x0000b000 0x0b792000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
```

```
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af_common.dll 0x0b793000
0x00002000 0x0b795000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_common.dll 0x0b811000
0x0000b000 0x0b81c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attrbag.dll 0x0b88e000
0x00002000 0x0b890000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libipt_biscuit_bgp.dll 0x0b891000
0x00005000 0x0b896000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:37.049 : dumper[61]: %OS-DUMPER-5-DUMP_SUCCESS :
Core dump success
RP/0/RP0/CPU0:Nov 15 17:56:37.420 : dumper[61]: %OS-DUMPER-6-CORE_MD5 :
harddisk:/dumper/first.bgp_1036.by.dumper_gen.node0_RP0_CPU0.x86.Z has just
been written. size:16907006 md5:ef2cd0fd4c45c434c03f858974033543
```

volgen

Raadpleeg het [gedeelte](#) van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: De opties veranderen naast de uitvoer.

Belangrijk: Beperkt

installeren

Raadpleeg het [installatiegedeelte](#) van de **Referentie** van de **Systeembeheeropdracht voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn opties voor het wijzigen van de uitvoer. Verkrijgbaar in zowel XR VM- als SysAdmin VM-modus.

Details: Release 5.0.1 ondersteunt slechts één systeemupgrade-installatieprocedure voor de router van de XR VM. Een afzonderlijke installatie van een release voor de SysAdmin VM en XR VM wordt niet ondersteund in release 5.0.1, behalve voor de installatie van software-onderhoud (SMU). KMO's voor elke VM (SysAdmin of XR) moeten worden geïnstalleerd vanaf de juiste VM. Optionele pakketten moeten worden geïnstalleerd vanaf de XR VM.

De optie **Installeer bereidt** opdracht voor om de downtime van upgrades/onderhoud te beperken. **Installeer** opdracht voor **voorbereiding** is niet vereist.

De optie **Afbreken installeren** is afgekeurd. Er zijn geen plannen om dit in de toekomst te steunen.

Installeer de **terugdraaiing** is verwijderd in release 5.0.1. Een back-up/terugdraaiing naar een release wordt behandeld als elk ander installatieproces.

Installeer is niet verplicht en is impliciet in release 5.0.1. De **installatie** commando is beschikbaar in release 5.0.1, maar is niet nodig aangezien het gecommitteerd automatisch is.

In release 5.2.1 zal de **installatie** impliciet ophouden en een expliciete **installatie** vereisen.

In een toekomstige release wordt de mogelijkheid om **terugdraaiing** te **installeren** samen met de

wijziging in de **installatie** opdracht toegevoegd.

Belangrijk: majoor

```
RP/0/RP0/CPU0:NCS#install ?
activate   Activate software package(s)
add        Add package file(s) to software repository
commit     Commit changes to the active software
deactivate Deactivate software package(s)
prepare    Prepare software package(s) to be activated
remove     Remove package file(s) from software repository
verify     verifies packages present on the router
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#admin
Wed Dec 11 03:41:00.393 EST
```

admin connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0

```
sysadmin-vm:0_RP1# install ?
Possible completions:
activate   Activate rpm(s) and iso and smu(s).
add        add rpm(s) and iso to the software repository.
commit     commit changes to the active software
deactivate deactivate rpm(s) and iso and smu(s).
prepare    prepare rpm(s) and iso for activation.
remove     remove rpm(s) and iso from install repository.
verify     verifies packages present on the router
```

controleprocessen

Raadpleeg het gedeelte [bewakingsprocessen](#) van de **stelsysteembeheerdershandleiding voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn kleine optie- en uitvoerwijzigingen.

Details: De locatieoptie is niet beschikbaar.

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-A#monitor processes ?
dumbtty   Disable screen management
<cr>
```

```
RP/0/RP0/CPU0:CRS-K#monitor processes ?
dumbtty   Disable screen management
location  Location
<cr>
```

demonstratieconfiguratie

Raadpleeg het [gedeelteshowconfiguratie](#) van de **Referentie van de Stelsysteembeheeropdracht voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: De opdrachtoutput van de **show** verschilt van de klassieke XR.

Details: De beschikbare zoekwoorden zijn gewijzigd voor de SysAdmin VM. De zoekwoorden voor

de XR VM blijven dezelfde als bij de klassieke XR.

Belangrijk: Beperkt

XR VM - Hetzelfde als traditionele IOS-XR

```
RP/0/RP1/CPU0:NCS6k#show config ?
backup System configuration backup information
commit      Show commit information
failed      Contents of failed configuration
history      Display history of configuration events (up to 1500 events)
inconsistency Configuration inconsistencies
lock         Configuration lock
persistent  Show persistent configuration
removed     Display configuration removed during install operations
rollback    Show rollback information
running-config Current operating configuration
sessions    Users with active configuration sessions
trace       Show trace data for config shell
```

SysAdmin VM - (Alleen trefwoord als optie gebruiken):

```
sysadmin-vm:0_RP1# show configuraiton ?
Possible completions:
commit Commit configuration changes
```

```
RP/0/RP1/CPU0:CRS-H(admin)#show configuration ?
commit      Show commit information
failed      Contents of the failed configuration
history      Display history of configuration events (up to 1500 events)
inconsistency Configuration inconsistencies
lock         Configuration lock
persistent  Show persistent configuration
removed     Display configuration removed during install operations
rollback    Show rollback information
running     Current operating configuration
sessions    Users with active configuration sessions
```

context tonen

Raadpleeg het [gedeelte](#) van de [showcontext](#) van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn geen significante wijzigingen in de CLI-opties. Minder CLI-uitvoerwijzigingen.

Details: De map waarin het kernbestand is opgeslagen, wordt niet altijd weergegeven (**harddisk**: standaard). De crashinformatie-bestanden worden standaard niet naar dezelfde map geschreven als de kernbestanden en worden opgeslagen in de **disk0:/core** folder. De **opdracht context tonen** en het bijbehorende crashinfo-bestand (.txt) bevat backtrace en registratiemediã voor elke draad van het crashingproces op NCS 6008

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-SJ#show context
```


Wed Feb 19 12:25:31.999 UTC

node: node0_RP0_CPU0

Core for pid = 2117 (syslogd)

Core for process: syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.gz

Core dump time: 2014-02-19 12:25:29.152358704 +0000

Process:

Core was generated by `syslogd'.

Signal information:

Program terminated with signal 11, Segmentation fault.

Faulting thread: 2117

Registers for Thread 2117

rax: 0xfffffffffffffc
rbx: 0x18
rcx: 0xfffffffffffff
rdx: 0x40
rsi: 0x7fff640b9c40
rdi: 0x18
rbp: 0x7fff640b9fc0
rsp: 0x7fff640b9b90
r8: 0x0
r9: 0x200000
r10: 0xffffffff
r11: 0x293
r12: 0xbaef70
r13: 0x7fff640bb180
r14: 0x0
r15: 0x0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2117

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0aa343636 in msg_receivev+0x29d from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x000000000041483a in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#3 0x00007fe0a57c6cce in __libc_start_main+0xfe from
/lib64/libc-2.12.so
#4 0x0000000000405869 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd

Registers for Thread 2366

rax: 0xffffffffffffe00
rbx: 0x7fe0ab5b0bf0
rcx: 0xfffffffffffff
rdx: 0x7fe0ab5b0bac
rsi: 0x7fe0ab5b0bf0
rdi: 0xa
rbp: 0x7fe0ab5b0c80

rsp: 0x7fe0ab5b0b90
r8: 0x6e
r9: 0x10101010101010101
r10: 0x22
r11: 0x293
r12: 0xa
r13: 0x7fe0ab5b0bac
r14: 0x7fe0ab673040
r15: 0x3
rip: 0x7fe0a588cc4d
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2366

#0 0x00007fe0a588cc4d in accept+0x2d from /lib64/libc-2.12.so
#1 0x00007fe0aa3537dd in lwm_debug_wait_for_conns+0xbe from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0aa353a2a in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#3 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#4 0x0000000000000003 in ?? ()

Registers for Thread 2367

rax: 0xfffffffffffffffffc
rbx: 0x7fe0ab52fe30
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x7fe0ab52fe30
rdi: 0x7fe0ab52fdb0
rbp: 0x7fe0ab52fee0
rsp: 0x7fe0ab52fcf0
r8: 0x0
r9: 0x7fe0ab530700
r10: 0x8
r11: 0x246
r12: 0x7fe0a559cc80
r13: 0x7fe0ab5309c0
r14: 0x7fe0ab673040
r15: 0x7fe0ab52fe30
rip: 0x7fe0a57dc7af
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2367

#0 0x00007fe0a57dc7af in sigwaitinfo+0xdf from /lib64/libc-2.12.so
#1 0x00007fe0aa36a1a0 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a559294b in start_thread+0x6b from /lib64/libpthread-2.12.so
#4 0x02c570128022879a in ?? ()

Registers for Thread 2369

rax: 0xfffffffffffffffffc
rbx: 0x1
rcx: 0xffffffffffffffffff
rdx: 0x40
rsi: 0x7fe08eb6abb0
rdi: 0x4
rbp: 0x7fe08eb6aee0
rsp: 0x7fe08eb6aa60
r8: 0x7fe0ab44a4a0
r9: 0x941
r10: 0xffffffff
r11: 0x293
r12: 0x0
r13: 0xb00001
r14: 0x4
r15: 0x3b
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2369

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0aa34fc0c in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so

Registers for Thread 2370

rax: 0xfffffffffffffffffc
rbx: 0xb67b70
rcx: 0xffffffffffffffffff
rdx: 0x20
rsi: 0xb67e00
rdi: 0x6
rbp: 0xb5e9c0
rsp: 0x7fe08eae9790
r8: 0xb68000
r9: 0x0
r10: 0xffffffff
r11: 0x293
r12: 0xb67e00
r13: 0xe
r14: 0x0
r15: 0xb5e9c0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2370

```
#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levmm_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
#4 0x00007fe0aa36d216 in event_block+0x500 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x00007fe0aa34dae5 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2372

```
rax: 0xffffffffffffffe0
rbx: 0x7fe0ab608008
rcx: 0xffffffffffffff
rdx: 0x20
rsi: 0x0
rdi: 0x7fe0ab608034
rbp: 0x7fe08ea68ee0
rsp: 0x7fe08ea68e28
r8: 0x0
r9: 0x0
r10: 0x0
r11: 0x246
r12: 0x7fe0a559cc80
--More-- --More-- filtering...
```

Registers for Thread 2370

```
rax: 0xffffffffffffffc
rbx: 0xb67b70
rcx: 0xffffffffffffff
rdx: 0x20
rsi: 0xb67e00
rdi: 0x6
rbp: 0xb5e9c0
rsp: 0x7fe08eae9790
r8: 0xb68000
r9: 0x0
r10: 0xffffffff
r11: 0x293
r12: 0xb67e00
r13: 0xe
r14: 0x0
r15: 0xb5e9c0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2370

```
#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levmm_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
```

```
#4 0x00007fe0aa36d216 in event_block+0x500 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x00007fe0aa34dae5 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2372

```
rax: 0xffffffffffffffe0
rbx: 0x7fe0ab608008
rcx: 0xffffffffffffff
rdx: 0x20
rsi: 0x0
rdi: 0x7fe0ab608034
rbp: 0x7fe08ea68ee0
rsp: 0x7fe08ea68e28
r8: 0x0
r9: 0x0
r10: 0x0
r11: 0x246
r12: 0x7fe0a559cc80
r13: 0x7fe08ea699c0
--More-- --More-- r14: 0x7fe0ab673040
r15: 0x3
rip: 0x7fe0a55969ac
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2372

```
#0 0x00007fe0a55969ac in pthread_cond_wait@@GLIBC_2.3.2+0xcc from
/lib64/libpthread-2.12.so
#1 0x00007fe0a5b22672 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2417

```
rax: 0xffffffffffffffe0
rbx: 0x0
rcx: 0xffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x11
rbp: 0x7fe08e8ceee0
rsp: 0x7fe08e8ced00
r8: 0x2
r9: 0x971
r10: 0x80000
r11: 0x246
r12: 0x7fe0ab452640
r13: 0x7fe08e8cf9c0
r14: 0x7fe0ab673040
r15: 0x3
rip: 0x7fe0a588d52f
eflags: 0x246
cs: 0x33
ss: 0x2b
```

ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2417

#0 0x00007fe0a588d52f in accept4+0x5f from /lib64/libc-2.12.so
#1 0x00007fe0ab248557 in backing_thread+0xe2 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2544

rax: 0xffffffffffffffff
rbx: 0xbb6290
rcx: 0xffffffffffffffff
rdx: 0x20
rsi: 0xbb6560
rdi: 0x1f
rbp: 0xbb6520
rsp: 0x7fe08efa0b40
r8: 0x1
r9: 0x9f0
r10: 0xffffffff
r11: 0x293
r12: 0xbb6560
r13: 0xd
r14: 0x0
r15: 0xbb6520
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2544

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levn_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
#4 0x00007fe0aa36d216 in event_block+0x500 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x0000000000411de1 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#7 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2545

rax: 0x0
rbx: 0x7fe086ba82b0
rcx: 0xffffffffffffffff
rdx: 0x626380
rsi: 0x0
rdi: 0x7fe08ed1ca00

rbp: 0x7fe08ed1eee0
rsp: 0x7fe08ed1c980
r8: 0x20305550432f30
r9: 0x6320612064657473
r10: 0x20666f2068736172
r11: 0x293
r12: 0x7fe08ed1cbc0
r13: 0x7fe08ed1ca20
r14: 0x1
r15: 0x0
rip: 0x7fe0a584feed
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2545

#0 0x00007fe0a584feed in __nanosleep+0x2d from /lib64/libc-2.12.so
#1 0x0000000000413316 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2546

rax: 0xfffffffffffffffffc
rbx: 0x7fe08ec9de20
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08ec9de20
rbp: 0x7fe08ec9deac
rsp: 0x7fe08ec9d2c0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x7fe08ec9d3a0
r13: 0x7fe08ec9daf0
r14: 0x7fe08ec9deac
r15: 0x7fe08ec9de20
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2546

#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000418349 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2547

rax: 0xfffffffffffffffffc
rbx: 0x7fe08ec1ce20
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08ec1ce20
rbp: 0x7fe08ec1ceac
rsp: 0x7fe08ec1be50
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x7fe08ec1cbf5
r13: 0x7fe08ec1cbf5
r14: 0x7fe0ab673040
r15: 0x7fe08ec1bf70
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2547

#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000416b9d in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2548

rax: 0xfffffffffffffffffc
rbx: 0x7fe08e7cde20
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08e7cde20
rbp: 0x7fe08e7cdeac
rsp: 0x7fe08e7cd5d0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0xc1a6c0
r13: 0x7fe08e7cd6c0
r14: 0xa5
r15: 0x7fe08e7cdaf0
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2548


```
#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x000000000041547d in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so
```

Registers for Thread 2549

```
rax: 0xffffffffffffffff
rbx: 0x7fe08e74ce20
rcx: 0xffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08e74ce20
rbp: 0x7fe08e74ceac
rsp: 0x7fe08e74c5a0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x0
r13: 0x7fe08e74caf0
r14: 0x0
r15: 0x7fe08e74c6e0
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2549

```
#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000416047 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so
```

Registers for Thread 3289

```
rax: 0xffffffffffffffff
rbx: 0x8
rcx: 0xffffffffffffffff
rdx: 0x20
rsi: 0x7fe08e1b7d30
rdi: 0x4d
rbp: 0x7fe08e1b7ee0
rsp: 0x7fe08e1b7a70
r8: 0x0
r9: 0x0
r10: 0xffffffff
r11: 0x293
r12: 0x1
r13: 0x7fe08e1b7d48
r14: 0x4d
r15: 0x51
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
```

ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 3289

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0aa32f8a6 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00500001fccc920a in ?? ()

Mapping information

2117: syslogd
0000000000400000 148K r-x-- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
0000000000625000 8K rw--- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
0000000000627000 48K rw--- [anon]
0000000000b4e000 880K rw--- [anon]
0000000080000000 1920K ---s- /dev/zero (deleted)
00000000801e0000 40K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/header
00000000801ea000 24K ---s- /dev/zero (deleted)
00000000801f0000 36K rw-s- /dev/shm/dev/shmem/shmwin/im_db/header
00000000801f9000 28K ---s- /dev/zero (deleted)
0000000080200000 36K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/header
0000000080209000 147624K ---s- /dev/zero (deleted)
0000000089233000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89233000
000000008923b000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8923b000
0000000089243000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89243000
000000008924b000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8924b000
0000000089253000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89253000
000000008925b000 8K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8925b000
000000008925d000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8925d000
0000000089265000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89265000
000000008926d000 1024K r--s- /dev/shm/dev/shmem/shmwin/im_db/0x8926d000
000000008936d000 1024K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/0x8936d000
000000008946d000 104K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/0x8946d000
0000000089487000 4328K ---s- /dev/zero (deleted)
00000000898c1000 104K r--s- /dev/shm/dev/shmem/shmwin/im_db/0x898c1000
00000000898db000 1940628K ---s- /dev/zero (deleted)
00007fe0868dc000 122072K rw-s- /dev/shm/logging_buffer
00007fe08e012000 56K rw-s- /dev/shmem/ltrace/shmwin/lib/err_b1_oaef
00007fe08e020000 16K rw-s- /dev/shmem/ltrace/shmwin/lib/err
00007fe08e024000 160K rw-s- /dev/shm/cdm_aqsm_services_db
00007fe08e04c000 864K ---s- /dev/shm/cdm_aqsm_services_db
00007fe08e124000 40K rw-s- /dev/shmem/ltrace/lwmlib/1_syslogd/dbg_b2_o846
00007fe08e12e000 40K rw-s- /dev/shmem/ltrace/lwmlib/1_syslogd/api_b1_o846
00007fe08e138000 4K ----- [anon]
00007fe08e139000 512K rw--- [anon]
00007fe08e1b9000 5120K rw-s- /dev/shm/dev/shmem/sysmgr_shmem
00007fe08e6b9000 56K rw-s- /dev/shmem/ltrace/epm/issu_b1_o803
00007fe08e6c7000 16K rw-s- /dev/shmem/ltrace/epm/issu
00007fe08e6cd000 4K ----- [anon]
00007fe08e6ce000 512K rw--- [anon]
00007fe08e74e000 4K ----- [anon]
00007fe08e74f000 512K rw--- [anon]
00007fe08e7cf000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/file
00007fe08e7d3000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/event
00007fe08e7d7000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/suspend
00007fe08e7db000 12K rw-s- /dev/shmem/ltrace/sysdb/clientlib/vicr
00007fe08e7de000 12K rw-s- /dev/shmem/ltrace/sysdb/clientlib/edm_access

00007fe08e7e1000	40K	rw-s-	/dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b2_o803
00007fe08e7eb000	40K	rw-s-	/dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b1_o803
00007fe08e7f5000	12K	rw-s-	/dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo
00007fe08e7f8000	12K	rw-s-	/dev/shmem/ltrace/install/insthelper
00007fe08e7fb000	12K	rw-s-	/dev/shmem/ltrace/install/instdir
00007fe08e7fe000	8K	rw-s-	/dev/shmem/ltrace/im/ochn_evt
00007fe08e800000	8K	rw-s-	/dev/shmem/ltrace/im/ochn_msg
00007fe08e802000	136K	rw-s-	/dev/shmem/ltrace/im/client--
00007fe08e824000	8K	rw-s-	/dev/shmem/ltrace/im/register
00007fe08e826000	8K	rw-s-	/dev/shmem/ltrace/im/resync--
00007fe08e828000	8K	rw-s-	/dev/shmem/ltrace/im/replcate
00007fe08e82a000	8K	rw-s-	/dev/shmem/ltrace/im/dpc-----
00007fe08e82c000	8K	rw-s-	/dev/shmem/ltrace/im/attr_chg
00007fe08e82e000	8K	rw-s-	/dev/shmem/ltrace/im/caps_add
00007fe08e830000	8K	rw-s-	/dev/shmem/ltrace/im/ifcreate
00007fe08e832000	12K	rw-s-	/dev/shmem/ltrace/im/if_exist
00007fe08e835000	8K	rw-s-	/dev/shmem/ltrace/im/history-
00007fe08e837000	12K	rw-s-	/dev/shmem/ltrace/im/mgmt----
00007fe08e83a000	8K	rw-s-	/dev/shmem/ltrace/im/sys-fast
00007fe08e83c000	12K	rw-s-	/dev/shmem/ltrace/im/sys-slow
00007fe08e83f000	12K	rw-s-	/dev/shmem/ltrace/im/errors-s
00007fe08e842000	16K	rw-s-	/dev/shmem/ltrace/im/errors-o
00007fe08e846000	12K	rw-s-	/dev/shmem/ltrace/im/errors-i
00007fe08e849000	12K	rw-s-	/dev/shmem/ltrace/install/notify_error
00007fe08e84c000	12K	rw-s-	/dev/shmem/ltrace/install/notify
00007fe08e84f000	4K	-----	[anon]
00007fe08e850000	512K	rw---	[anon]
00007fe08e8d0000	36K	rw-s-	/dev/shmem/ltrace/install/instdir_loadpath_error
00007fe08e8d9000	12K	rw-s-	/dev/shmem/ltrace/install/instdir_loadpath
00007fe08e8dc000	52K	rw-s-	/dev/shmem/ltrace/install/inst_io_error
00007fe08e8e9000	1024K	rw-s-	/dev/shm/cdm_aqsm_services_db
00007fe08e9e9000	4K	-----	[anon]
00007fe08e9ea000	512K	rw---	[anon]
00007fe08ea6a000	4K	-----	[anon]
00007fe08ea6b000	512K	rw---	[anon]
00007fe08eaeb000	4K	-----	[anon]
00007fe08eaec000	512K	rw---	[anon]
00007fe08eb6e000	4K	rw-s-	/dev/shm/dev/shmem/ship_data_0
00007fe08eb6f000	12K	rw-s-	/dev/shmem/ltrace/ip_addr_c_data_trace_190
00007fe08eb72000	12K	rw-s-	/dev/shmem/ltrace/ip_addr_c_ctrl_trace_190
00007fe08eb75000	8K	rw-s-	/dev/shm/dev/shmem/shmwin_svr/window_grp_stats
00007fe08eb77000	80K	rw-s-	/dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b3_o803
00007fe08eb8b000	32K	rw-s-	/dev/shmem/ltrace/aqsmllib/190/debug_b1_o846
00007fe08eb93000	40K	rw-s-	/dev/shmem/ltrace/lwmlib/1_syslogd/dbg_b1_o846
00007fe08eb9d000	4K	-----	[anon]
00007fe08eb9e000	512K	rw---	[anon]
00007fe08ec1e000	4K	-----	[anon]
00007fe08ec1f000	512K	rw---	[anon]
00007fe08ec9f000	4K	-----	[anon]
00007fe08eca0000	512K	rw---	[anon]
00007fe08eefe000	56K	rw-s-	/dev/shmem/ltrace/syslog/slow_b1_o846
00007fe08ef0c000	80K	rw-s-	/dev/shmem/ltrace/lwmlib/1_syslogd/dbg_b3_o846
00007fe08ef20000	4K	rw-s-	/dev/shm/logging_buffer
00007fe08ef21000	4K	-----	[anon]
00007fe08ef22000	512K	rw---	[anon]
00007fe08efa2000	4K	-----	[anon]
00007fe08efa3000	512K	rw---	[anon]
00007fe08f023000	2904K	rw-s-	/dev/shm/tmp/syslogd_msg_header_buffer
00007fe08f2f9000	8K	rw-s-	/dev/shmem/ltrace/syslog/lib/read_error
00007fe08f2fb000	4K	rw-s-	/dev/shm/dev/shmem/ship_data_0
00007fe08f2fc000	32K	rw-s-	/dev/shmem/ltrace/aqsmllib/190/api_b1_o846
00007fe08f304000	8K	rw-s-	/dev/shmem/ltrace/syslog/fast
00007fe08f306000	16K	rw-s-	/dev/shmem/ltrace/syslog/slow

00007fe08f30a000 16K rw-s- /dev/shmem/ltrace/syslog/error
00007fe08f30e000 224K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08f346000 132K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08f367000 32K rw-s- /dev/shmem/ltrace/cdm/190/api_b1_o846
00007fe08f36f000 8K rw-s- /dev/shmem/ltrace/pfi_ifh/fallback
00007fe08f371000 12K rw-s- /dev/shmem/ltrace/alm_loc_fast
00007fe08f374000 24K rw-s- /dev/shmem/ltrace/alm_loc_slow
00007fe08f37a000 112K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f396000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f595000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f597000 488K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f611000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f810000 16K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f814000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08f815000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08fa14000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08fa15000 16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fa19000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fc18000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fc19000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fc1a000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fe1a000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fe1b000 4K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe08fe1c000 2044K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe09001b000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe09001c000 4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09001d000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09021c000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09021d000 56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09022b000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09042b000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09042c000 4K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09042d000 2048K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09062d000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09062e000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so

```
00007fe09062f000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so
00007fe09082e000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so
00007fe09082f000 156K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so
00007fe090856000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so
00007fe090a56000 8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so
00007fe090a58000 24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090a5e000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090c5d000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090c5e000 28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090c65000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090e64000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090e65000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe090e69000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe091068000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe091069000 144K r-x-- /usr/lib64/libfuse.so.2.8.7
00007fe09108d000 2048K ----- /usr/lib64/libfuse.so.2.8.7
00007fe09128d000 72K rw--- /usr/lib64/libfuse.so.2.8.7
00007fe09129f000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe0912a0000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe09149f000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe0914a0000 4K rw--- [ anon ]
00007fe0914a1000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0914a2000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0916a2000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0916a3000 16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0916a7000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0918a6000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0918a7000 4K rw--- [ anon ]
00007fe0918a8000 12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe0918ab000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe091aaa000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe091aab000 32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
00007fe091ab3000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
00007fe091cb2000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
```

00007fe091cb3000 28K rw--- [anon]
00007fe091cba000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091cbb000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091ebb000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091ebc000 4K rw--- [anon]
00007fe091ebd000 32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe091ec5000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe0920c4000 8K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe0920c6000 4K rw--- [anon]
00007fe0920c7000 8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0920c9000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0922c9000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0922ca000 20K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0922cf000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0924ce000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0924cf000 4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0924d0000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0926cf000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0926d0000 24K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0926d6000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0928d6000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0928d7000 16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe0928db000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe092ada000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe092adb000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092adc000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092cdb000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092cdc000 16K r-x--
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ce0000 2048K -----
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ee0000 4K rw---
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ee1000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so
00007fe092ee3000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so
00007fe0930e2000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so

00007fe0930e3000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0930e4000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0932e3000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0932e4000 4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
00007fe0932e5000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
00007fe0934e4000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
00007fe0934e5000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0934e6000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0936e5000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0936e6000 76K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi_proto.so
00007fe0936f9000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi_proto.so
00007fe0938f8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi_proto.so
00007fe0938f9000 56K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093907000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093b07000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093b08000 84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093b1d000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093d1c000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093d1d000 100K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093d36000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093f35000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093f36000 696K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe093fe4000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe0941e3000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe0941e6000 48K rw--- [anon]
00007fe0941f2000 164K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09421b000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09441a000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09441b000 60K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09442a000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09462a000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09462b000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so

00007fe09462f000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so
00007fe09482f000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so
00007fe094830000 8K rw--- [anon]
00007fe094832000 12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094835000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094a34000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094a35000 304K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094a81000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094c80000 8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094c82000 24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094c88000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094e87000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094e88000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe094e89000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe095088000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe095089000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe09508a000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe095289000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe09528a000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09528c000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09548b000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09548c000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09548d000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09568c000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09568d000 24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095693000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095893000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095894000 112K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_proto.so.0.0.1
00007fe0958b0000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_proto.so.0.0.1
00007fe095aaf000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_proto.so.0.0.1
00007fe095ab0000 56K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_capi.so.0.0.1
00007fe095abe000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_capi.so.0.0.1


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00007fe095cbd000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcm_capi.so.0.0.1
00007fe095cbe000      36K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so
00007fe095cc7000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so
00007fe095ec6000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so
00007fe095ec7000      72K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe095ed9000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe0960d9000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe0960da000       8K rw---   [ anon ]
00007fe0960dc000     20K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0960e1000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0962e0000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0962e1000     320K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096331000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096530000     12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096533000     160K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09655b000     2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09675b000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09675c000      4K rw---   [ anon ]
00007fe09675d000     216K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096793000     2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096993000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096994000      4K rw---   [ anon ]
00007fe096995000     100K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe0969ae000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe096bae000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe096baf000      4K rw---   [ anon ]
00007fe096bb0000     12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096bb3000     2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096db2000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096db3000     28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096dba000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096fb9000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096fba000     84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe096fcf000     2044K -----
```

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/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe0971ce000      12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe0971d1000       4K rw---  [ anon ]
00007fe0971d2000      32K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so
00007fe0971da000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so
00007fe0973d9000       8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so
00007fe0973db000       8K rw---  [ anon ]
00007fe0973dd000       4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0973de000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0975de000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0975df000      16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0975e3000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0977e3000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0977e4000       4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0977e5000     2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0979e4000       4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0979e5000      36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe0979ee000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe097bee000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe097bef000      12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097bf2000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097df1000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097df2000       8K r-x--
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097df4000     2048K -----
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097ff4000       4K rw---
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097ff5000       4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe097ff6000     2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe0981f5000       4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe0981f6000       8K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0981f8000     2048K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0983f8000       4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0983f9000       4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
00007fe0983fa000     2048K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
```

00007fe0985fa000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
00007fe0985fb000 36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
00007fe098604000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
00007fe098804000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
00007fe098805000 104K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe09881f000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe098a1e000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe098a1f000 4K rw--- [anon]
00007fe098a20000 60K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098a2f000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098c2e000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098c2f000 32K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098c37000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098e36000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098e37000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe098e38000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe099037000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe099038000 28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe09903f000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe09923f000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe099240000 4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099241000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099440000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099441000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099443000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099643000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099644000 4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099645000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099844000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099845000 104K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so
00007fe09985f000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so
00007fe099a5f000 8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so

00007fe099a61000 520K r-x-- /lib64/libm-2.12.so
00007fe099ae3000 2044K ----- /lib64/libm-2.12.so
00007fe099ce2000 8K rw--- /lib64/libm-2.12.so
00007fe099ce4000 12K r-x-- nbsp;nbsp;
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ce7000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ee6000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ee7000 8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe099ee9000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe09a0e8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe09a0e9000 28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a0f0000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a2ef000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a2f0000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a2f4000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a4f3000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a4f4000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a4f5000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a6f4000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a6f5000 12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a6f8000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a8f8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a8f9000 4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09a8fa000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09aaf9000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09aafa000 36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ab03000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ad02000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ad03000 4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09ad04000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09af03000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09af04000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so
00007fe09af05000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so
00007fe09b105000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so

00007fe09b106000 12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b109000 2048K ----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b309000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b30a000 56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi.so
00007fe09b318000 2044K ----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi.so
00007fe09b517000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi.so
00007fe09b518000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b519000 2044K ----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b718000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b719000 8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b71b000 2044K ----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b91a000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b91b000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09b91c000 2044K ----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09bb1b000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09bb1c000 40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bb26000 2044K ----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bd25000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bd26000 32K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttynmspc.so
00007fe09bd2e000 2048K ----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttynmspc.so
00007fe09bf2e000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttynmspc.so
00007fe09bf2f000 24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09bf35000 2048K ----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09c135000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09c136000 24K rw--- [anon]
00007fe09c13c000 12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyptydb.so
00007fe09c13f000 2044K ----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyptydb.so
00007fe09c33e000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyptydb.so
00007fe09c33f000 100K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c358000 2044K ----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c557000 12K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c55a000 148K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so

```
00007fe09c57f000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so
00007fe09c77e000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so
00007fe09c781000 44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
00007fe09c78c000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
00007fe09c98c000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
00007fe09c98d000 28K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09c994000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09cb94000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09cb95000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cb96000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cd95000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cd96000 20K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cd9b000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cf9a000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cf9b000 32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09cfa3000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09d1a2000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09d1a3000 80K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d1b7000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d3b7000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d3b8000 52K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d3c5000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d5c5000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d5c6000 12K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d5c9000 2044K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d7c8000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d7c9000 60K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d7d8000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d9d8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d9d9000 12K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09d9dc000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09dbdb000 4K rw---
```

```
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09dbdc000      8K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09dbde000   2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09ddd000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09dde000      4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09ddf000   2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09dfde000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09dfd000      8K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09dfe1000   2048K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09e1e1000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09e1e2000     12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e1e5000   2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e3e5000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e3e6000     92K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e3fd000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e5fc000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e5fe000      4K rw--- [ anon ]
00007fe09e5ff000     40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e609000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e808000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e809000     12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09e80c000   2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09ea0b000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09ea0c000     12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ea0f000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ec0e000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ec0f000      4K rw--- [ anon ]
00007fe09ec10000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ec12000   2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ee12000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ee13000     24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
00007fe09ee19000   2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
00007fe09f018000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
```

```
00007fe09f019000      8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f01b000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f21a000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f21b000      4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
00007fe09f21c000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
00007fe09f41b000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
00007fe09f41c000      8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f41e000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f61d000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f61e000     24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f624000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f824000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f825000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09f827000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09fa26000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09fa27000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fa29000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fc28000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fc29000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fc2b000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fe2a000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fe2b000      4K rw--- [ anon ]
00007fe09fe2c000     72K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe09fe3e000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe0a003d000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe0a003e000      4K rw--- [ anon ]
00007fe0a003f000     44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a004a000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a0249000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a024a000     16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a024e000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a044d000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a044e000     68K r-x--
```



```
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a045f000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a065e000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a0660000 12K rw--- [ anon ]
00007fe0a0663000 144K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
00007fe0a0687000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
00007fe0a0887000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
00007fe0a0889000 8K rw--- [ anon ]
00007fe0a088b000 92K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a08a2000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a0aa1000 8K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a0aa3000 12K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0aa6000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0ca5000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0ca6000 20K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0cab000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0eab000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0eac000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a0eae000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a10ad000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a10ae000 196K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a10df000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a12de000 12K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a12e1000 56K rw--- [ anon ]
00007fe0a12ef000 20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a12f4000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a14f3000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a14f4000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a14f5000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a16f4000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a16f5000 32K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a16fd000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a18fc000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a18fd000 60K r-x--
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a190c000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a1b0b000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a1b0c000        16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0a1b10000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0a1d0f000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0a1d10000         8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1d12000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1f11000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1f12000       124K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a1f31000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a2130000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a2131000       112K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a214d000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a234d000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a234e000       44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a2359000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a2559000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a255a000         8K r-x--
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a255c000    2044K -----
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a275b000         4K rw---
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a275c000       256K r-x--
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a279c000    2048K -----
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a299c000         8K rw---
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a299e000       68K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a29af000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a2bae000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a2baf000       316K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2bfe000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2dfe000         8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2e00000       16K rw---    [ anon ]
00007fe0a2e04000       40K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a2e0e000    2044K -----
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a300d000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a300f000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3011000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3210000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3211000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3212000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3411000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3412000     56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3420000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3620000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3621000    272K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3665000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3865000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3867000     32K rw---   [ anon ]
00007fe0a386f000     44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a387a000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a3a7a000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a3a7b000     12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3a7e000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3c7d000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3c7e000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3c7f000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3e7e000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3e7f000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a3e81000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a4081000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a4082000     84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4097000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4297000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4298000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4299000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4498000      4K rw---
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4499000      76K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a44ac000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a46ab000       8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a46ad000     100K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a46c6000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a48c5000       8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a48c7000       8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a48c9000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a4ac8000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a4ac9000     16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4acd000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4ccc000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4ccd000     76K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4ce0000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4edf000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4ee0000     408K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a4f46000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5146000       4K r----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5147000       8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5149000     220K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5180000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a537f000       4K r----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5380000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5381000     36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a538a000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a558a000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a558b000     96K r-x--  /lib64/libpthread-2.12.so
00007fe0a55a3000     2044K -----  /lib64/libpthread-2.12.so
00007fe0a57a2000       4K r----  /lib64/libpthread-2.12.so
00007fe0a57a3000       4K rw---  /lib64/libpthread-2.12.so
00007fe0a57a4000     16K rw---  [ anon ]
00007fe0a57a8000    1444K r-x--  /lib64/libc-2.12.so
00007fe0a5911000     2048K -----  /lib64/libc-2.12.so
00007fe0a5b11000     12K r----  /lib64/libc-2.12.so
00007fe0a5b14000       8K rw---  /lib64/libc-2.12.so
00007fe0a5b16000     20K rw---  [ anon ]
```

```
00007fe0a5b1b000      52K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5b28000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5d27000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5d28000       20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
00007fe0a5d2d000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
00007fe0a5f2c000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
00007fe0a5f2d000      84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a5f42000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a6141000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a6142000      48K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a614e000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a634e000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a634f000      64K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a635f000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a655f000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a6560000       8K r-x--  /lib64/libdl-2.12.so
00007fe0a6562000     2048K -----  /lib64/libdl-2.12.so
00007fe0a6762000       8K rw---  /lib64/libdl-2.12.so
00007fe0a6764000      32K r-x--  /lib64/librt-2.12.so
00007fe0a676c000     2044K -----  /lib64/librt-2.12.so
00007fe0a696b000       8K rw---  /lib64/librt-2.12.so
00007fe0a696d000      24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6973000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6b72000       4K rw---
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6b73000      12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6b76000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6d75000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6d76000       4K rw---  [ anon ]
00007fe0a6d77000      20K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6d7c000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6f7b000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6f7c000      40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a6f86000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a7186000       4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a7187000       8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
```

00007fe0a7189000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
00007fe0a7388000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
00007fe0a7389000 12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
00007fe0a738c000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
00007fe0a758b000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
00007fe0a758c000 44K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7597000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7796000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7797000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a779b000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a799a000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a799b000 128K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a79bb000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a7bba000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a7bbc000 40K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7bc6000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7dc6000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7dc7000 72K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7dd9000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7fd8000 16K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7fdc000 8K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a7fde000 2048K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a81de000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a81df000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a81e0000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a83df000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a83e0000 4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a83e1000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a85e0000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a85e1000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a85e2000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a87e1000 4K rw---

```
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a87e2000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a87e3000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a89e2000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a89e3000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a89e4000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a8be3000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a8be4000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8be5000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8de4000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8de5000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8de6000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8fe5000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8fe6000      4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a8fe7000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a91e6000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a91e7000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a91e8000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a93e7000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a93e8000     44K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a93f3000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a95f2000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a95f3000      8K rw---   [ anon ]
00007fe0a95f5000    168K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a961f000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a981e000     24K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a9824000      4K rw---   [ anon ]
00007fe0a9825000     44K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4.so
00007fe0a9830000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4.so
00007fe0a9a30000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4.so
00007fe0a9a31000      4K rw---   [ anon ]
00007fe0a9a32000    148K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9a57000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9c56000      8K rw---
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9c58000    176K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbios.so
00007fe0a9c84000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbios.so
00007fe0a9e84000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbios.so
00007fe0a9e86000      4K rw--- [ anon ]
00007fe0a9e87000    444K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0a9ef6000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0aa0f5000     20K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0aa0fa000     16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa0fe000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa2fe000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa2ff000    592K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa393000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa592000     16K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa596000     52K rw--- [ anon ]
00007fe0aa5a3000     16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa5a7000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa7a6000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa7a7000    364K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aa802000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aaa01000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aaa03000      4K rw--- [ anon ]
00007fe0aaa04000    160K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aaa2c000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aac2c000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aac2e000      4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aac2f000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aae2f000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aae30000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0aae32000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0ab032000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0ab033000     44K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab03e000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab23e000      4K rw---
```



```

/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab23f000    24K rw---    [ anon ]
00007fe0ab245000    20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
00007fe0ab24a000   2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
00007fe0ab44a000     4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
00007fe0ab44b000    32K rw---    [ anon ]
00007fe0ab453000   128K r-x--  /lib64/ld-2.12.so
00007fe0ab473000     4K rw-s-  /dev/shm/tmp/syslogd_syslogd
00007fe0ab474000    12K rw-s-  /dev/shmem/ltrace/install/inv_error
00007fe0ab477000    12K rw-s-  /dev/shmem/ltrace/install/inv
00007fe0ab47a000    16K rw-s-  /dev/shmem/ltrace/install/inst_io
00007fe0ab47e000    12K rw-s-  /dev/shmem/ltrace/install/pkg
00007fe0ab481000    12K rw-s-  /dev/shmem/ltrace/install/ifc
00007fe0ab484000    36K rw-s-  /dev/shmem/ltrace/install/instdir_loadpath_error
00007fe0ab48d000    12K rw-s-  /dev/shmem/ltrace/install/instdir_loadpath
00007fe0ab490000    12K rw-s-  /dev/shmem/ltrace/aqsmllib/190/errors
00007fe0ab493000    12K rw-s-  /dev/shmem/ltrace/aqsmllib/190/debug
00007fe0ab496000    12K rw-s-  /dev/shmem/ltrace/aqsmllib/190/api
00007fe0ab499000     4K rw-s-  /dev/shm/dev/shmem/tty_db_pty_map
00007fe0ab49a000     4K rw-s-  /dev/shm/dev/shmem/ship_data_0
00007fe0ab49b000    32K rw-s-  /dev/shmem/ltrace/cdm/190/heap_b1_o846
00007fe0ab4a3000     4K r--s-  /dev/shm/dev/shmem/sysmgr_shmem
00007fe0ab4a4000    12K rw-s-  /dev/shmem/ltrace/cdm/190/repl
00007fe0ab4a7000    12K rw-s-  /dev/shmem/ltrace/cdm/190/heap
00007fe0ab4aa000    12K rw-s-  /dev/shmem/ltrace/cdm/190/errors
00007fe0ab4ad000    12K rw-s-  /dev/shmem/ltrace/cdm/190/api
00007fe0ab4b0000     4K -----    [ anon ]
00007fe0ab4b1000   512K rw---    [ anon ]
00007fe0ab531000     4K -----    [ anon ]
00007fe0ab532000   512K rw---    [ anon ]
00007fe0ab5b2000    12K rw-s-  /dev/shmem/ltrace/lwmlib/1_syslogd/err
00007fe0ab5b5000    12K rw-s-  /dev/shmem/ltrace/lwmlib/1_syslogd/dbg
00007fe0ab5b8000    12K rw-s-  /dev/shmem/ltrace/lwmlib/1_syslogd/api
00007fe0ab5bb000    52K rw-s-  /dev/shmem/ltrace/install/inst_devicemgr_error
00007fe0ab5c8000    16K rw-s-  /dev/shmem/ltrace/install/inst_devicemgr
00007fe0ab5cc000    12K rw-s-  /dev/shmem/ltrace/install/pkg
00007fe0ab5cf000    52K rw-s-  /dev/shmem/ltrace/install/inst_io_error
00007fe0ab5dc000    16K rw-s-  /dev/shmem/ltrace/install/inst_io
00007fe0ab5e0000    96K rw-s-  /dev/shmem/ltrace/install/pkgfs_error
00007fe0ab5f8000    16K rw-s-  /dev/shmem/ltrace/install/pkgfs
00007fe0ab5fc000    36K rw-s-  /dev/shmem/ltrace/install/inst_mem_error
00007fe0ab605000    12K rw-s-  /dev/shmem/ltrace/install/inst_mem
00007fe0ab608000     4K rw-s-  /dev/shm/shm_mutex_monitors
00007fe0ab609000     4K rw-s-  /dev/shm/cdm_db_dir
00007fe0ab60a000     4K rw-s-  /dev/shmem/ltrace/ltrace_global_ctrl
00007fe0ab60b000   412K rw---    [ anon ]
00007fe0ab672000     4K r----  /lib64/ld-2.12.so
00007fe0ab673000     4K rw---  /lib64/ld-2.12.so
00007fe0ab674000     4K rw---    [ anon ]
00007fff6409b000   132K rw---    [ stack ]
00007fff640db000     4K r-x--    [ anon ]
ffffffffffff600000    4K r-x--    [ anon ]
total                2700196K

```

```
node:      node0_RP1_CPU0
```

```
-----
No context
```

```
RP/0/RP0/CPU0:NCS6008-SJ#
```

RP/0/RP0/CPU0:NCS6008-SJ#**dir harddisk:**
Wed Feb 19 12:31:10.577 UTC

Directory of /harddisk:/

```
15 -rwx----- 1      42499 Feb  7  2011 running_backup
24 -rwxr--r-- 1     5181440 Feb  7 15:33 ncs6k-mpls.pkg-5.0.1
28 -rw-r--r-- 1     8231199 Feb 19 12:25
   syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.gz
21 -rwxr--r-- 1     7874560 Feb  7 14:57 ncs6k-mcast.pkg-5.0.1
16 -rwxr--r-- 1    19387904 Feb  7  2011 NCS6000-iosxr-k9-5.0.0.tar
784897 drwxr-xr-x 2         4096 Jan  5  1970 shutdown
13 -rw-r--r-- 1    10193834 Feb  1  2011
devc-conaux-con_2114.by.11.20110201-123522.xr-vm_node0_RP0_CPU0.8a616.core.gz
22 -rwxr--r-- 1     1515520 Feb  7 14:57 ncs6k-mgbl.pkg-5.0.1
12 -rw-r--r-- 1     49755237 Feb  1  2011
fia_driver_2157.by.6.20110201-062609.xr-vm_node0_0_CPU0.4b965.core.gz
27 -rwx----- 1         3947 Feb 12 13:14 running_config_upgrade_test.txt
2223873 drwxr-xr-x 2         4096 Jan  5  1970 nvram
26 -rwxr--r-- 1    621035520 Feb 10 21:15 ncs6k-usb-boot-5.0.1.zip
25 -rwxr--r-- 1     327680 Feb 10 18:55
ncs6k-sysadmin-5.0.0.CSCul30161-0.0.11.d.smu
18 -rwx----- 1         2079 Feb 17  2011 running-config
19 -rwxr--r-- 1     1720320 Feb  7 14:55 ncs6k-doc.pkg-5.0.1
14 -rwxr--r-- 1    643317760 Feb  4  2011 ncs6k-mini-x.iso
20 -rwxr--r-- 1     3471360 Feb  7 14:56 ncs6k-k9sec.pkg-5.0.1
17 -rwxr--r-- 1     1341440 Feb  7  2011
panini-admin-5.0.90.CSCui84753-0.0.10.d.smu
23 -rwxr--r-- 1    815474688 Feb  7 15:31 ncs6k-mini-x.iso-5.0.1
11 drwx----- 2         16384 Jan  5  1970 lost+found
```

RP/0/RP0/CPU0:NCS6008-SJ#**dir disk0:/core**
Wed Feb 19 12:32:15.252 UTC

Directory of /disk0:/core

```
16 -rw-r--r-- 1 87359 Feb 19 12:25
syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.txt
19 drwxr-xr-x 2 4096 Feb 19 12:25 .1
```

show dll

Raadpleeg het [gedeelte Show dll](#) van de Referentie van de **Systeembeheeropdracht voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn opties en uitvoerwijzigingen.

Details: Alleen het id-sleutelwoord wordt ondersteund. Het loktrefwoord wordt verwijderd.

Belangrijk: Beperkt

RP/0/RP0/CPU0:NCS6008-A#**show dll ?**
pid Pid of the process

RP/0/RP0/CPU0:NCS6008-A#**show dll pid ?**
<0-4294967295> <pid> of the process

RP/0/RP1/CPU0:CRS-H#**show dll ?**
address Display the dllname for a particular address.

```
dllname    Display the pid_info for a particular dllname (virt-path).
jobid      job id
location   location to display
memory     Display only a summary of memory usage.
symbol     Static function symbols will NOT work
virtual    Displays virtual path.
|          Output Modifiers
<cr>
```

controlestof

Raadpleeg het gedeelte [van de tovercontroller](#) van de **stelsysteembeheeropdracht Referentie voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: De opdrachtwoorden voor **tonen** worden gewijzigd.

Details: Ondersteuning voor de **bundel**, **connectiviteit** en **summiere** sleutelwoorden wordt verwijderd. Er wordt ondersteuning toegevoegd voor de **fsdb-aggregator** en **fsdb-server** sleutelwoorden. Het grootste deel van de productie lijkt sterk op die van de VS.

Alle showopdrachten behalve het sleutelwoord zijn in de SysAdmin VM.

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-A#show controller fabric ?
trace trace information
```

```
sysadmin-vm:0_RP0# show controller fabric ?
Possible completions:
fgid FGID management information
fsdb-aggregator FSDB Aggregator informaiton
fsdb-pla Plane availability status option
fsdb-server FSDB Server information
health Fabric Health
link Fabric link option
plane plane info
sfe Switch Fabric Element option
standby Plane info in standby
| Output modifiers <cr>
```

```
RP/0/RP1/CPU0:CRS-H#show controller fabric ?
barriers          Barriers(cisco-support)
block             Block Information(cisco-support)
debug            show debug utilities(cisco-support)
eio              Show eio commands for the Fabricq ASIC(cisco-support)
fabric-backpressure Fabric Backpressure details
health           Health(cisco-support)
imdr             IMDR (ISSU) upgrade info
link-info        Link Information(cisco-support)
queues           Queues Information(cisco-support)
statistics       Packet Statistics
summary         Summary(cisco-support)
```

```
RP/0/RP1/CPU0:CRS-H#admin
```

```
Mon Mar 31 17:36:58.363 EDT
```

```
RP/0/RP1/CPU0:CRS-H(admin)#show controller fabric ?
bundle           Fabric bundle option
connectivity     Connectivity to fabric option
```

deferral-info	deferral information
fgid	FGID management information
fsdb-pla	plane availability status option
link	Fabric link option
plane	Fabric plane option
pod	Fabric pod option
rack	Rack status option
sfe	Switch Fabric Element option
trace	Fabric trace option(cisco-support)
tuning	Dynamic link tuning option
warm-reload	Show fabric warm-reload data(cisco-support)

omgeving tonen

Raadpleeg het gedeelte [Omgeving](#) van de **Systeembeheerdershandleiding voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn uitvoerveranderingen en commando sleutelwoordenveranderingen.

Details: Ondersteuning voor de **knoppen** en **tabelwoorden** wordt verwijderd. Er wordt ondersteuning voor het **huidige** sleutelwoord toegevoegd. De productie is cosmetisch verschillend. De uitvoer bevat informatie per segment.

Belangrijk: Beperkt

```

sysadmin-vm:0_RP0# show environment ?
Description: environment data
Possible completions:
all           All environment monitor parameters
current       Current information
fan           Chassis Fans information
power         Power supply voltage and current information
temperatures Temperature information
trace         Debug trace information
voltages      Voltage information
|            Output modifiers
<cr>

```

```

RP/0/RP1/CPU0:CRS-H(admin)#show env ?
all           All environmental monitor parameters
fans          Fans information
last          Last readings of environmental parameters
leds          LEDS on cards
location      Location of a node
power-supply  Power supply voltage and current information
table         Environmental parameter ranges
temperatures Temperature information
trace         Show trace data for environment monitoring
voltages      Voltage information
|            Output Modifiers
<cr>

```

filmsysteem tonen

Raadpleeg het gedeelte van het [systeem](#) van de **systeembeheerdershandleiding voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn opties en wijzigingen in de CLI-uitvoer.

Details: De **syssteemschijf 0 tonen:** commando werkt niet meer. De opdracht is niet beschikbaar bij de SysAdmin VM. De opdracht geeft dezelfde informatie weer vanuit de admin-modus en -toets op een CRS, maar niet op NCS 6008.

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-A#show filesystem
```

```
Tue Feb 10 22:09:42.941 UTC
```

```
File Systems:
```

Size(b)	Free(b)	Type	Flags	Prefixes
0	0	network	rw	tftp:
39380996096	39196561408	harddisk	rw	harddisk:
1031311360	1012842496	flash-disk	rw	disk0:

```
RP/0/RP0/CPU0:NCS6008-A#show filesystem loc all
```

```
Tue Feb 10 22:10:20.285 UTC
```

```
node: node0_4_CPU0
```

```
-----  
File Systems:
```

Size(b)	Free(b)	Type	Flags	Prefixes
1031311360	981569536	flash-disk	rw	disk0:

```
node: node0_RP0_CPU0
```

```
-----  
File Systems:
```

Size(b)	Free(b)	Type	Flags	Prefixes
0	0	network	rw	tftp:
39380996096	39196561408	harddisk	rw	harddisk:
1031311360	1012838400	flash-disk	rw	disk0:

```
RP/0/RP0/CPU0:NCS6008-A#show filesystem ?
```

```
location specify the location
```

```
sysadmin-vm:0_RP0# show filesystem
```

```
-----^
```

```
syntax error: element does not exist
```

```
RP/0/RP0/CPU0:CRS-J#show filesystem
```

```
Mon Nov 25 16:11:36.810 UTC
```

```
File Systems:
```

Size(b)	Free(b)	Type	Flags	Prefixes
-	-	network	rw	qsm/dev/fs/tftp:
-	-	network	rw	qsm/dev/fs/rcp:
-	-	network	rw	qsm/dev/fs/ftp:
11492376576	10348458496	dumper-lnk	rw	qsm/dumper_disk0:
1312817152	1056006144	dumper-lnk	rw	qsm/dumper_disk0a:
16568549376	15307819008	dumper-lnk	rw	qsm/dumper_harddisk:
3051651072	3049283584	dumper-lnk	rw	qsm/dumper_nvmem:
1017208832	1016152064	dumper-lnk	rw	qsm/dumper_nvmem2:
16392388608	16388352512	dumper-lnk	rw	qsm/dumper_harddiska:
1125122048	1124809216	dumper-lnk	rw	qsm/dumper_disk1a:
11492376576	9500605440	dumper-lnk	rw	qsm/dumper_disk1:

```

11492376576 10348458496 flash-disk rw disk0:
11492376576 9500605440 flash-disk rw disk1:
16568549376 15307819008 harddisk rw harddisk:
16392388608 16388352512 harddisk rw harddiska:
1312817152 1056006144 flash-disk rw disk0a:
1125122048 1124809216 flash-disk rw disk1a:
    1043456      998400      nvram    rw nvram:
3051651072 3049283584      rw nvmem:
1017208832 1016152064      rw nvmem2:

```

RP/0/RP0/CPU0:CRS-J(admin)#show filesystem

Mon Nov 25 16:14:24.159 UTC

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
-	-	network	rw	qsm/dev/fs/tftp:
-	-	network	rw	qsm/dev/fs/rcp:
-	-	network	rw	qsm/dev/fs/ftp:
11492376576	10348458496	dumper-lnk	rw	qsm/dumper_disk0:
1312817152	1056006144	dumper-lnk	rw	qsm/dumper_disk0a:
16568549376	15307819008	dumper-lnk	rw	qsm/dumper_harddisk:
3051651072	3049283584	dumper-lnk	rw	qsm/dumper_nvmem:
1017208832	1016152064	dumper-lnk	rw	qsm/dumper_nvmem2:
16392388608	16388352512	dumper-lnk	rw	qsm/dumper_harddiska:
1125122048	1124809216	dumper-lnk	rw	qsm/dumper_disk1a:
11492376576	9500605440	dumper-lnk	rw	qsm/dumper_disk1:
11492376576	10348458496	flash-disk	rw	disk0:
11492376576	9500605440	flash-disk	rw	disk1:
16568549376	15307819008	harddisk	rw	harddisk:
16392388608	16388352512	harddisk	rw	harddiska:
1312817152	1056006144	flash-disk	rw	disk0a:
1125122048	1124809216	flash-disk	rw	disk1a:
1043456	998400	nvram	rw	nvram:
3051651072	3049283584		rw	nvmem:
1017208832	1016152064		rw	nvmem2:

RP/0/RP0/CPU0:CRS-J(admin)#show filesystem ?

```

bootflash: Show bootflash FFS3 file system information
configflash: Show configflash file system information
disk0: Show device information
disk1: Show device information
disk2: Show device information
harddisk: Show device information
lcdisk0: Show device information
lcdisk0a: Show device information
location specify the location

```

RP/0/RP0/CPU0:CRS-J(admin)#show filesystem disk0:

Mon Nov 25 16:15:10.110 UTC

```

Model: SMART iSATA
Serial Number: SMART iSATA 111110E984
Firmware: 20101203
BIOS Geometry: 16 Heads, 63 Sectors
Drive Geometry: 16 Heads, 16383 Tracks, 63 Sectors
Drive Capacity: 16514064 Cur Sctrs, 16514064 User Sctrs, Extd
Address Mode: LBA
PIO mode: 0
Multimode Blocks/Transfer: 32769

```

Capacity: 59071696 Sectors, Total 30244708352 Bytes, (512 Bytes/sector)

installeren

Raadpleeg het gedeelte [Installeren](#) van de opdracht **Systeembeheer voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn veranderingen in sleutelwoordenoptie samen met de uitvoerwijzigingen.

Details: Er wordt steun toegevoegd voor de **voorbereidende** en **opslagplaats** sleutelwoorden. De steun voor het **summiere** sleutelwoord wordt verwijderd.

Belangrijk: majoor

```
RP/0/RP0/CPU0:NCS6008-A#show install ?
```

```
active      Show active package(s) installed
inactive    Show inactive package(s) information
log         Show log file
package     Show information for package(s) in repository
prepare     Show prepared package(s) ready for activation
repository  Show SDR software repository
request     Show current request
which       Show information about an installed file
```

```
RP/0/RP1/CPU0:CRS-H#show install ?
```

```
active      Show the active package information
audit       Audit installed packages
auto-abort-timer Show auto-abort-timer value
boot-options Show boot options
committed   Show the committed package information
compression Show Install File Compression information(cisco-support)
events      Show key events from the install history
inactive    Show inactive package information
log         Show log file
package     Name of the package
pie-info    Show information in a PIE file
request     Show current request
rollback    Show package information for a rollback point
summary     Show summary information
superceded Show superceded packages
which       Show the origin of a named process, component or package
```

inventaris

Raadpleeg het gedeelte [inventaris](#) van de **systeembeheerdershandleiding voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn uitvoerveranderingen samen met sleutelwoordenveranderingen.

Details: Ondersteuning voor het sleutelwoord wordt verwijderd. De meeste andere displays en functies zijn hetzelfde.

De opdracht **inventaris tonen** kan worden uitgevoerd van de XR VM of de SysAdmin VM en vertoont soortgelijke uitgangen in beide VM's. De **show-inventarisuitvoer** in de XR-VM geeft de PID's en serienummers weer voor in linecards geïnstalleerde glasvezelkabels, terwijl deze informatie niet is opgenomen bij gebruik van de SysAdmin-VM.

Belangrijk: majoor

```
RP/0/RP0/CPU0:NCS6008-A#show inventory ?
WORD Partially qualified location specification
all Inventory information for all the physical entities
location Location of node for inventory
oid oid information
raw raw information
| Output Modifiers
<cr>
```

```
sysadmin-vm:0_RP0# show inventory ?
Possible completions:
all Get all FRU info
chassis Get chassis info
fan Get Fan info
location Select node location
power Get Power info
raw Get all entity info
| Output modifiers
<cr>
```

toonmedia

Raadpleeg het gedeelte [Show media](#) van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn CLI uitgang veranderingen.

Details: Schijf0: wordt niet gebruikt als de opstartschijf op de NCS 6000. De **wortelen:** Onderdeel is de opstartverdeling voor zowel de XR- als SysAdmin VMs. De startverdeling is 3,9G voor de XR VM en 2,9G voor de SysAdmin VM. De **wortelen:** opdeling voor elke VM is gemaakt van een 32 GB Solid-state Drive (SSD)-station op de routeprocessor. De **vaste schijf:** opdeling voor elke VM is gemaakt van een 200 GB SSD-station op de routeprocessor.

Belangrijk: majoor

```
RP/0/RP0/CPU0:NCS6008-A#show media
Mon Mar 31 14:25:38.992 UTC
```

Media Information for local node.

```
-----
Partition                Size      Used  Percent  Avail
rootfs:                   3.9G     746M    20%     3.0G
log:                      485M     25M     6%     436M
config:                   485M     17M     4%     443M
disk0:                    984M     18M     2%     916M
harddisk:                 37G      1.7G    5%      34G
-----
```

```
rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)
```

```
RP/0/RP0/CPU0:NCS6008-A#show media loc 0/3/cpu0
Mon Mar 31 14:51:44.648 UTC
```

Media Information for node0_3_CPU0.


```

-----
Partition          Size      Used  Percent  Avail
rootfs:            3.9G     745M    20%     3.0G
log:               485M     21M     5%     439M
config:            485M     17M     4%     444M
disk0:             984M     52M     6%     883M
-----

```

```

rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)

```

RP/0/RP0/CPU0:NCS6008-A#**admin**

Mon Mar 31 14:26:24.575 UTC

lab connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0

sysadmin-vm:0_RP0# sh media

Mon Mar 31 14:26:31.960 UTC

```

-----
Partition          Size      Used  Percent  Avail
-----
rootfs:            2.9G     485M    18%     2.3G
log:               494M     63M    14%     406M
config:            494M     24M     6%     445M
disk0:             965M     18M     2%     899M
harddisk:          37G     956M     3%     34G
-----

```

```

rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)

```

RP/0/RP0/CPU0:CRS-K#**show media**

Sun Mar 30 21:31:30.784 UTC

Media Information for 0/RP0/CPU0.

Mountpoint	Image FsType	Current FsType	Part Size	State	DrvrPid	Mirror	Flags
/disk0:	QNX4	QNX4	10.0G	Mounted	0036891	Enabled	
/disk0a:	QNX4	QNX4	1.1G	Mounted	0036891		
/harddiska:	QNX4	QNX4	14.2G	Mounted	0036891		
/disk1:	QNX4	QNX4	10.0G	Mounted	0036891		
/disk1a:	QNX4	QNX4	1.0G	Mounted	0036891		
/harddisk:	QNX4	QNX4	14.4G	Mounted	0036891		
/nvmmem:	FAT32	FAT32	2.8G	Mounted	0032789		
/nvmmem2:	FAT32	FAT32	0.9G	Mounted	0032789		
/disk2:	FAT32	(?)		Not Present			
/lcdisk0:	FAT32	(?)		Not Present			
/lcdisk0a:	FAT32	(?)					

Output Truncated to size 1023

geheugensteuntje

Raadpleeg het gedeelte [Show memory](#) van de **Systeembeheerdershandleiding voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn opties en wijzigingen in de CLI-uitvoer.

Details: De geheugenarchitectuur is aanzienlijk veranderd met NCS 6008. Als resultaat hiervan zijn er veel veranderingen in de CLI uitvoer van de **show memory** opdracht. De wijzigingen in de CLI-opdrachtoptie zijn minimaal.

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-A#show memory ?
<0-4294967295> pid
compare          Create and compare memory snapshots
heap            Show process heap.
location        location to display
summary         Display only a summary of memory usage.
```

```
RP/0/RP0/CPU0:NCS6008-A#show memory summ
Sat Jan 31 23:42:43.354 UTC
```

```
Physical Memory: 11838M total (8707M available)
Application Memory : 11838M (8707M available)
Image: 4M (bootram: 0M)
Reserved: 0M, IOMem: 0M,          flashfsys: 0M
```

```
sysadmin-vm:0_RP0# show memory summ
Sat Jan 31 23:44:12.805 UTC
Sat Jan 31 23:44:12 UTC 1970
```

```
Physical Memory: 1905 MB total (781 MB available)
```

```
RP/0/RP0/CPU0:CRS-J#show memory ?
<0-4294967295> job id
compare          Create and compare memory snapshots
heap            Show process heap.
location        location to display
summary         Display only a summary of memory usage.
```

```
RP/0/RP0/CPU0:CRS-J#show mem summ
Fri Nov 15 17:42:47.525 UTC
Physical Memory: 12288M total (10223M available)
Application Memory : 11896M (10223M available)
Image: 71M (bootram: 71M)
Reserved: 256M, IOMem: 64K, flashfsys: 0
Total shared window: 28M
```

```
RP/0/RP0/CPU0:CRS-J(admin)#show mem summ
Fri Nov 15 17:44:04.400 UTC
Physical Memory: 12288M total (10221M available)
Application Memory : 11896M (10221M available)
Image: 71M (bootram: 71M)
Reserved: 256M, IOMem: 64K, flashfsys: 0
Total shared window: 28M
```

demonstratieprocessen

Raadpleeg het gedeelte [Show processen](#) van de Referentie van de **Systeembeheeropdracht voor Cisco NCS 6000 Series router, release 5.0.x** voor meer informatie.

Samenvatting: Er zijn kleine veranderingen in de ondersteunde opties en ook in de uitvoer voor een aantal opties.

Details: Het sleutelwoord **tonen** wordt niet langer ondersteund.

Belangrijk: Beperkt

RP/0/RP0/CPU0:NCS6008-SJ#**show processes ?**

```
<0-4294967295> job id
WORD Name of the executable
aborts Show process aborts
all Show process data for all processes
blocked Show file and channel use per process
boot Show process boot info
boot-stalled Show process boot-up blocked
cpu Show CPU use per process new
distribution Show distribution of processes
dynamic Show process data for dynamically created processes
failover Show process failover info
family Show process family information.
files Show file and channel use per process
location location to display
log Show process log
mandatory Show process data for mandatory processes
memory Show process memory information.
searchpath Show the search path
signal Show signal use for processes.
startup Show process data for processes created at startup
threadname Show thread names.
| Output Modifiers
<cr>
```

RP/0/RP0/CPU0:CRS-J#**show process ?**

```
<0-4294967295> job id
WORD Name of the executable
aborts Show process aborts
all Show process data for all processes
blocked Show detail for reply/send/mutex blocked processes.
boot Show process boot info
boot-stalled Show process boot-up blocked
cpu Show CPU use per process
distribution Show distribution of processes
dynamic Show process data for dynamically created processes
failover Show process failover info
family Show process family information.
files Show file and channel use per process
location location to display
log Show process log
mandatory Show process data for mandatory processes
memory Show memory use per process
pidin Show processes using QNX pidin command
searchpath Show the search path
signal Show signal use for processes.
startup Show process data for processes created at startup
threadname Show thread names.
```

demonstratieplatform

Raadpleeg het gedeelte [Show platform](#) van de Referentie voor systeembeheer voor Cisco NCS 6000 Series routers voor meer informatie.

Samenvatting: Er zijn extra sleutelwoordenopties en uitvoerveranderingen.

Details: De **show platform** opdracht kan worden uitgevoerd vanuit de XR of SysAdmin VM.

XR VM: Er werd ondersteuning voor het **vm** sleutelwoord toegevoegd.

Op NCS 6000 geeft de opdracht stof, ventilator en stroommoduleinformatie van de XR VM weer,

maar niet in klassiek XR. Om informatie over die typen onderdelen in Classic XR te krijgen, moet de opdracht vanuit de admin-modus worden uitgevoerd.

SysAdmin VM: Het sleutelwoord werd toegevoegd om extra informatie over de staat en laars informatie voor een knooppunt in het systeem te verstrekken. Er wordt ondersteuning voor het sleutelwoord in plakjes toegevoegd.

Belangrijk: majoor

```
RP/0/RP0/CPU0:NCS6008-A#show platform
Mon Mar 31 21:28:58.255 UTC
Node name           Node type           Node state           Admin state           Config state
-----
0/3                 NC6-10X100G-M-P     OPERATIONAL          UP                     NSHUT
0/3/NPU0            Slice               UP                   UP
0/3/NPU1            Slice               UP                   UP
0/3/NPU2            Slice               UP                   UP
0/3/NPU3            Slice               UP                   UP
0/3/NPU4            Slice               UP                   UP
0/4                 NC6-10X100G-L-K     OPERATIONAL          UP                     NSHUT
0/4/NPU0            Slice               UP                   UP
0/4/NPU1            Slice               UP                   UP
0/4/NPU2            Slice               UP                   UP
0/4/NPU3            Slice               UP                   UP
0/4/NPU4            Slice               UP                   UP
0/RP0               NC6-RP              OPERATIONAL          UP                     NSHUT
0/RP1               NC6-RP              OPERATIONAL          UP                     NSHUT
0/FC0               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FC1               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FC2               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FC3               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FC4               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FC5               NC6-FC              OPERATIONAL          UP                     NSHUT
0/FT0               NC6-FANTRAY         OPERATIONAL          UP                     NSHUT
0/FT1               NC6-FANTRAY         OPERATIONAL          UP                     NSHUT
0/PT0               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
0/PT1               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
0/PT2               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
0/PT3               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
0/PT4               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
0/PT5               NCS-AC-PWRTRAY     OPERATIONAL          UP                     NSHUT
```

```
RP/0/RP0/CPU0:NCS6008-A#show platform vm
Mon Mar 31 21:26:11.922 UTC
Node name           Node type           Partner name          SW status              IP address
-----
0/4/CPU0            LC (ACTIVE)         NONE                  FINAL Band             192.0.80.3
0/3/CPU0            LC (ACTIVE)         NONE                  FINAL Band             192.0.76.3
0/RP0/CPU0          RP (ACTIVE)         0/RP1/CPU0           FINAL Band             192.0.0.4
0/RP1/CPU0          RP (STANDBY)        0/RP0/CPU0           FINAL Band             192.0.4.4
```

```
sysadmin-vm:0_RP0# show platform ?
Description: Show platform node information
Possible completions:
detail Show details of node type and state
location Location of node to show; omit to show all locations
slices Show summary of node forwarding slices
| Output modifiers
<cr>
```

sysadmin-vm:0_RP0# **show platform**

Mon Mar 31 21:32:14.929 UTC

Location	Card Type	HW State	SW State	Config State
0/RP0	NC6-RP	OPERATIONAL	OPERATIONAL	NSHUT
0/RP1	NC6-RP	OPERATIONAL	OPERATIONAL	NSHUT
0/FC0	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC1	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC2	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC3	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC4	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC5	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FT0	NC6-FANTRAY	OPERATIONAL	N/A	NSHUT
0/FT1	NC6-FANTRAY	OPERATIONAL	N/A	NSHUT
0/3	NC6-10X100G-M-P	OPERATIONAL	OPERATIONAL	NSHUT
0/4	NC6-10X100G-L-K	OPERATIONAL	OPERATIONAL	NSHUT
0/PT0	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT1	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT2	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT3	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT4	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT5	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT

sysadmin-vm:0_RP0# **show platform slices**

Mon Mar 31 21:29:29.852 UTC

Location	Slice Num	Admin State	Oper State
0/3	0	UP	UP
	1	UP	UP
	2	UP	UP
	3	UP	UP
	4	UP	UP
0/4	0	UP	UP
	1	UP	UP
	2	UP	UP
	3	UP	UP
	4	UP	UP

sysadmin-vm:0_RP0# **show platform detail loc 0/4/cpu0**

Sun Feb 1 03:09:15.363 UTC

Platform Information for 0/4/cpu0

PID : NC6-10X100G-M-P

Description : "NCS 6000 10x100G Multi-Service CXP"

VID/SN : V01

HW Oper State : OPERATIONAL

SW Oper State : OPERATIONAL

Configuration : "NSHUT RST"

HW Version : 0.6

Last Event : HW_EVENT_OK

Last Event Reason : "Initial discovered state:BOOTED (card ok)"

RP/0/RP1/CPU0:CRS-H#**show platform**

Mon Mar 31 17:21:18.956 EDT

Node	Type	PLIM	State	Config State
0/0/CPU0	MSC-140G	14-10GbE	IOS XR RUN	PWR, NSHUT, MON
0/4/CPU0	MSC-140G	1-100GbE	IOS XR RUN	PWR, NSHUT, MON
0/RP0/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/RP1/CPU0	RP(Active)	N/A	IOS XR RUN	PWR, NSHUT, MON
1/2/CPU0	MSC-140G	N/A	IN-RESET	PWR, NSHUT, MON
1/3/CPU0	MSC	Jacket Card	IOS XR RUN	PWR, NSHUT, MON

1/3/1	MSC (SPA)	8X1GE	OK	PWR, NSHUT, MON
1/4/CPU0	MSC	10C768-POS	IOS XR RUN	PWR, NSHUT, MON
1/5/CPU0	FP-140G	4-40GbE-OTN	IOS XR RUN	PWR, NSHUT, MON
1/8/CPU0	MSC	Jacket Card	IOS XR RUN	PWR, NSHUT, MON
1/8/1	MSC (SPA)	4XOC3-POS-V2	OK	PWR, NSHUT, MON
1/9/CPU0	MSC	10C768-DWDM	IOS XR RUN	PWR, NSHUT, MON
1/RP0/CPU0	RP(Active)	N/A	IOS XR RUN	PWR, NSHUT, MON
1/RP1/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR, NSHUT, MON

RP/0/RP1/CPU0:CRS-H#**show platform ?**

```
WORD Partially qualified location specification
drops Forwarding drops
| Output Modifiers
<cr>
```

rebooten

Samenvatting: Door de scheiding van de XR VM en SysAdmin VM is de opdracht **opnieuw opstarten** gewijzigd in NG-XR.

Details: Onder de XR VM kunt u de herstartgeschiedenis van de XR VM voor elke actieve lijnkaart/RP bekijken.

Onder de SysAdmin VM kan de rebootreugeschiedenis van de SysAdmin VM voor elke actieve linecard/RP worden bekeken, samen met de rebootreportage voor de linecard/RP zelf (terugroepen dat de SysAdmin VM kan worden herstart zonder de eigenlijke linecard opnieuw te laden).

Belangrijk: Beperkt

RP/0/RP0/CPU0:NCS#**show reboot ?**

```
history Display reboot history of node
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#admin
Wed Dec 11 03:37:51.036 EST
```

admin connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0

sysadmin-vm:0_RP1# **show reboot ?**

Description: Show reboot history events

Possible completions:

```
admin-vm Admin VM reboot history
card Card reboot history
reverse Show reboot history in reverse order
| Output modifiers
<cr>
```

sdr-invmgr laten zien

Samenvatting: Dit is een nieuwe opdracht in XR + Sysadmin VM.

Details: Dit heeft nieuw operationeel gedrag.

Belangrijk: majoor

technische ondersteuning voor show

Samenvatting: Er zijn uitvoerwijzigingen met wijzigingen in de opdrachtsleutelopties

Details: Ondersteuning voor deze **show tech-support** sleutelwoorden wordt op de NCS 6000 verwijderd:

- **gevolmachtigde**
- **geldautomaat**
- **call-home**
- **chdlc**
- **configuratie-groep**
- **controllers**
- **crypte**
- **fabio**
- **relais van frame**
- **ipinfra**
- **lard**
- **ebbe**
- **perron**
- **rib**
- **svd**
- **sysmgr**
- **tunnelip**

Ondersteuning voor deze admin-modus **waarin** technische **ondersteuning** wordt **getoond**, wordt op de NCS 6000 verwijderd:

- **basisch**
- **bundels**
- **cfgmgr**
- **regelnet**
- **diagnostiek**
- **dsc**
- **e**
- **gezondheidscontrole**
- **indringer**
- **bons**
- **vergunning**
- **lard**
- **Nrs**
- **pcie**
- **shelfmgr**
- **sysdb**
- **sysmgr**

Ondersteuning voor deze **show tech-support** sleutelwoorden is beschikbaar op NCS 6008, maar niet op het CRS:

- **stof** - In XR VM op NCS 6008
- **Installeer** - In XR VM op NCS 6008
- **WDM** - In XR VM op NCS 6008

- **npu** - In XR VM op NCS 6008
- **verwerker** - In XR VM op NCS 6008
- **rdm** - In XR VM op NCS 6008
- **sdr-invmgr** - In XR VM op NCS 6008

Ondersteuning voor deze SysAdmin VM **show tech-support** sleutelwoorden is beschikbaar op NCS 6000, maar niet op CRS:

- **alarm_gmh**
- **alle**
- **ccc**
- **verwarren**
- **betoveren**
- **fpd**
- **obfl**
- **pm**
- **sdr_gmh**
- **reg**
- **slik_manager**
- **sloven**

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS#show tech-support ?
access-lists      Output show commands of interest for access-lists debugging
aps                Output show commands of interest for APS debugging
arp               Output show commands of interest for ARP debugging
bcdl              Output show commands of interest for bcdl debugging
bcdlv2            Output show commands of interest for bcdlv2 debugging
bundles           Output show commands of interest for bundle debugging
cef               CEF tech-support information
cef               Output show commands of interest for CEF debugging
cfgmgr            cfgmgr tech-support information
chkpt             Gather information required to debug checkpoint
cpuctrl           cpuctrl tech-support
dhcp              DHCP tech-support
eem               Show eem information for tech-support
ema               Output show commands of interest for ema debugging
ethernet          Output show commands of interest for ethernet debugging
fabric            fabric tech support information
file              Specify a valid file name (e.g. disk0:tmp.log)
gsp               gsp tech-support information
hsrp              Output show commands of interest for HSRP debugging
install           Gather all the information about Install for tech-support
iphc              Output show commands of interest for iphc debugging
l2tp              Output show commands for L2TP tech-support
l2vpn             Output show commands for L2VPN debugging
location          Specify a location
lpts              show tech-support output for LPTS
lwm               Gather all the information about the Light Weight Messaging (LWM)
mpls              Output show commands of interest for MPLS debugging
multicast         Show multicast related information
multilink         show tech-support output for multilink
netflow           Output show commands of interest for Netflow debugging
npu               npu tech-support
```



```

nrs                NRS tech-support information
p2p-ipc            aipc show tech-support output
parser             Parser show tech-support output for debugging
password           Include password in output
performance-mgmt   Performance management show tech-support output
pfi                Collect PFI related information and save to disk
placed             Gather all the information about the Placement Daemon (Placed)
pos                Output show commands of interest for pos debugging
ppp                Output show commands of interest for ppp debugging
processmgr         Gather all the information about the Process Manager (ProcessMgr)
protection-notif   Collect fast traffic protection information and save to disk
qos                Collect QOS related information and save to disk
rack               Show list of racks
radius             Output show commands of interest for radius debugging
rcmd               RCMD show tech-support output
rdm                rdm tech-support
rdsfs              Gather lots of information about RDSFS
rib                Show IP RIB related information
routing            Routing show tech-support output
rsi                show tech-support output for RSI (Router Space Infrastructure)
sanitized          Sanitized configuration in output
sdr-invmgr         Spawn parallel show tech-support - use only if directed
serial             Output show commands of interest for serial debugging
services           Show tech-support information relating to services
snmp               SNMP tech-support information
spa                Gather information about SPA
spp                Output show commands of interest for SPP debugging
srlg               show tech-support output for SRLG (Shared Risk Link Group)
ssm                Service State Monitoring (SSM) tech-support information
statsd             Output show commands of use for statistics debugging
sysdb              System Database (SysDB) tech-support information
tcp                TCP supported trace and debugging
tunnel-template    Output show commands of interest for tunnel-template debugging
vrrp               Output show commands of interest for VRRP debugging
xos                Gather information about Cross-OS Services
<cr>

```

```

RP/0/RP0/CPU0:NCS#admin
Sat Mar 12 23:45:23.763 UTC

```

```

cisco connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
sysadmin-vm:0_RP0# show tech-support ?

```

Possible completions:

```

alarm_mgr          Show tech of alarm_mgr process
all                Show tech of entire node
ccc                Show tech of ccc_driver process
confd              show debug information for confd
control-ethernet   Show tech of control ethernet subsystem
envmon             Show tech of envmon process
fabric             Show tech of fabric component
fpd                Show tech of fpd process
install            show debug information for install
obfl               Show tech of obfl process
pm                 Show tech of pm process
sdr_mgr            Show tech of sdr_mgr process
shelf_mgr          Show tech of shelf_mgr process
slice_manager      Show tech of slice_manager process
syslog             Show tech of syslog process

```

```

RP/0/RP0/CPU0:CRS#show tech-support ?

```

```

access-lists       Output show commands of interest for access-lists debugging
(cisco-support)
aipcproxy           Gather lots of information about aipc_proxy

```

```

(cisco-support)
aps          Output show commands of interest for APS debugging
arp          Output show commands of interest for ARP debugging
(cisco-support)
atm          Output show commands of interest for atm debugging
(cisco-support)
bcdl         Output show commands of interest for bcdl debugging
bcdlv2      Output show commands of interest for bcdlv2 debugging
(cisco-support)
bundles      Output show commands of interest for bundle debugging
(cisco-support)
call-home    Show call-home information for tech-support
cef          CEF tech-support information(cisco-support)
cef          Output show commands of interest for CEF debugging
cfgmgr       cfgmgr tech-support information(cisco-support)
chdlc        Output show commands of interest for chdlc debugging
(cisco-support)
chkpt        Gather information required to debug checkpoint
(cisco-support)
config-group Config Group tech-support information(cisco-support)
controllers  Show tech-support information for controllers(cisco-support)
cpuctrl      cpuctrl tech-support(cisco-support)
crypto       CRYPTO show tech-support output
dhcp         DHCP tech-support(cisco-support)
eem          Show eem information for tech-support
ethernet     Ethernet show tech commands(cisco-support)
ethernet     Output show commands of interest for ethernet debugging
(cisco-support)
fabio        fabio tech-support(cisco-support)
file         Specify a valid file name (e.g. disk0:tmp.log)
frame-relay  Output show commands of interest for Frame-Relay debugging
(cisco-support)
gsp          gsp tech-support information
hsrp         Output show commands of interest for HSRP debugging
(cisco-support)
iphc         Output show commands of interest for iphc debugging
ipinfra      Output show commands of interest for ip-infra debugging
(cisco-support)
l2tp         Output show commands for L2TP tech-support(cisco-support)
l2vpn        Output show commands for L2VPN debugging(cisco-support)
location     Specify a location(cisco-support)
lpts         show tech-support output for LPTS
lrd          Output show commands of interest for lrd debugging
(cisco-support)
mpls         Output show commands of interest for MPLS debugging
(cisco-support)
multicast    Show multicast related information
multilink    show tech-support output for multilink(cisco-support)
netflow      Output show commands of interest for Netflow debugging
(cisco-support)
nrs          NRS tech-support information
onep         Collect ONEP related information and save to disk
(cisco-support)
p2p-ipc      aipc show tech-support output
parser       Parser show tech-support output for debugging
(cisco-support)
password     Include password in output
performance-mgmt Performance management show tech-support output(cisco-support)
pfi          Collect PFI related information and save to disk(cisco-support)
placed       Gather all the information about the Placement Daemon (Placed)
platform     show tech-support platform output(cisco-support)
pos          Output show commands of interest for pos debugging
(cisco-support)

```

```

ppp                Output show commands of interest for ppp debugging
(cisco-support)
protection-notif  Collect fast traffic protection information and save to disk
(cisco-support)
qos                Collect QOS related information and save to disk(cisco-support)
rack              Show list of racks(cisco-support)
radius            Output show commands of interest for radius debugging
(cisco-support)
rcmd              RCMD show tech-support output
rdsfs             Gather lots of information about RDSFS(cisco-support)
rib              Show IP RIB related information(cisco-support)
routing           Routing show tech-support output
rsi               show tech-support output for RSI (Router Space Infrastructure)
(cisco-support)
sanitized         Sanitized configuration in output
satellite        Collect Satellite related information and save to disk
(cisco-support)
serial           Output show commands of interest for serial debugging
(cisco-support)
services         Show tech-support information relating to services
(cisco-support)
snmp             SNMP tech-support information(cisco-support)
spa              Gather information about SPA
spaipc           Output show commands of interest for spaipc debugging
(cisco-support)
span             Collect tech-support information for the SPAN feature
(cisco-support)
spio             Collect SPIO information and save to disk(cisco-support)
spp              Output show commands of interest for SPP debugging
(cisco-support)
srlg             show tech-support output for SRLG (Shared Risk Link Group)
(cisco-support)
ssm              Service State Monitoring (SSM) tech-support information
statsd           Output show commands of use for statistics debugging
(cisco-support)
svd              show tech-support output for svd(cisco-support)
sysdb            System Database (SysDB) tech-support information(cisco-support)
sysmgr           Gather all the information about the System Manager (SysMgr)
tcp              TCP supported trace and debugging
tty              TTY tech-support information(cisco-support)
tunnel-ip        Output show commands of interest for GRE/IPinIP(cisco-support)
tunnel-template  Output show commands of interest for tunnel-template debugging
vrrp             Output show commands of interest for VRRP debugging
(cisco-support)
xos              Gather information about Cross-OS Services
<cr>

```

RP/0/RP0/CPU0:CRS#**admin**

RP/0/RP0/CPU0:CRS(admin)#**show tech-support ?**

```

asic              Run asic snapshot script
bundles          Output show commands of interest for bundle debugging
(cisco-support)
cctl             Spawn parallel show tech-support - use only if directed
cfgmgr           cfgmgr tech-support information(cisco-support)
control-ethernet Output show commands of interest for control-ethernet debugging
diagnostics      Output show commands of interest for diagnostics debugging
dsc              DSC tech-support for troubleshooting
ees              Show EES snapshot information for tech-support
fabric           Output of show tech-support from fabric debugging
file             Specify a valid file name (e.g. disk0:tmp.log)
gsp              gsp tech-support information
health-check     Run health check script
install          Write install information for tech-support to a file

```

invmgr	Spawn parallel show tech-support - use only if directed
issu	Write ISSU information for tech-support to a file
license	Show license information for tech-support
location	Specify a location
lrd	LRd tech-support information
media	Write media information for tech-support to a file
nrs	NRS tech-support information
password	Include password in output
pcie	Output show commands of interest for pcie debugging
pm	Output show commands of interest for power-management debugging
rack	Show list of racks
sanitized	Sanitized configuration in output
shelfmgr	Spawn parallel show tech-support - use only if directed
sysdb	System Database (SysDB) tech-support information
sysdb-config-grp	System Database (SysDB) Config Group tech-support information
sysmgr	Gather all the information about the System Manager (SysMgr)
<cr>	

show version

Raadpleeg het gedeelte van de [show](#) van de **stelselbeheerdershandleiding voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn belangrijke uitvoerwijzigingen.

Details: De uitvoer is sterk vereenvoudigd op NCS 6008, vanwege de verschillende OS-structuur.

Belangrijk: Beperkt

```
RP/0/RP0/CPU0:NCS6008-SJ#show version
Wed Feb 19 13:28:14.726 UTC
```

```
Cisco IOS XR Software, Version 5.0.1
Copyright (c) 2013 by Cisco Systems, Inc.
```

Build Information:

```
Built By      : palwal
Built On      : Tue Feb  4 13:35:37 PST 2014
Build Host    : iox-bld4
Workspace     : /auto/srcarchive9/production/5.0.1/all/workspace
Version       : 5.0.1
Location      : /opt/cisco/XR/packages/
```

System uptime is 6 days, 23 hours, 25 minutes

```
RP/0/RP0/CPU0:NCS6008-SJ#admin
Wed Feb 19 13:28:35.460 UTC
```

```
sysadmin-vm:0_RP0# show version
Wed Feb 19 13:29:39.923 UTC
```

```
Cisco IOS XR Admin Software, Version 5.0.1
Copyright (c) 2013 by Cisco Systems, Inc.
```

Build Information:

```
Built By      : palwal
Built On      : Tue Feb  4 11:17:38 PST 2014
```

```
Build Host      : iox-bld4
Workspace       : /auto/srcarchive9/production/cal-r50x-501
Version         : 5.0.1
Location        : /opt/cisco/calvados/packages/
```

BIOS Version : 10.2

System uptime is 6 days, 23 hours, 28 minutes

sysadmin-vm:0_RP0#

bovenkant

Raadpleeg het [bovenste](#) gedeelte van de **Systeembeheeropdracht Referentie voor Cisco NCS 6000 Series routers** voor meer informatie.

Samenvatting: Er zijn veranderingen in sleutelwoordenopties en output. Deze opdracht is beschikbaar in zowel SysAdmin VM als XR VM.

Details: De sleutelwoordenplaats voor de **dumty** wordt verplaatst in de CLI. Op NCS 6000 kan de top worden gespecificeerd met de locatie van de lijnkaart terwijl deze op CRS wordt geplaatst. Het werkt niet voor de lijnkaartlocatie.

Belangrijk: Beperkt

```
sysadmin-vm:0_RP0# top location 0/4 dumbtty
```

```
Thu Feb 12 21:54:27.686 UTC
```

```
*****
```

```
Location : 0/4
```

```
*****
```

```
top - 21:54:28 up 18:54, 1 user, load average: 0.00, 0.00, 0.00
Tasks: 153 total, 1 running, 152 sleeping, 0 stopped, 0 zombie
Cpu(s): 1.2%us, 0.5%sy, 0.0%ni, 98.2%id, 0.0%wa, 0.0%hi, 0.0%si, 0.0%st
Mem: 1009016k total, 769648k used, 239368k free, 27072k buffers
Swap: 14444k total, 0k used, 14444k free, 323424k cached
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+
1	root	20	0	14932	1368	1132	S	0.0	0.1	0:01.76
init										
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00
kthreadd										
3	root	RT	0	0	0	0	S	0.0	0.0	0:00.00
migration/0										
4	root	20	0	0	0	0	S	0.0	0.0	0:01.28
ksoftirqd/0										
5	root	RT	0	0	0	0	S	0.0	0.0	0:00.00
watchdog/0										

6 root events/0	20	0	0	0	0 S	0.0	0.0	0:02.68
7 root cpuset	20	0	0	0	0 S	0.0	0.0	0:00.00
8 root khelper	20	0	0	0	0 S	0.0	0.0	0:00.00
9 root netns	20	0	0	0	0 S	0.0	0.0	0:00.00
10 root async/mgr	20	0	0	0	0 S	0.0	0.0	0:00.00
11 root pm	20	0	0	0	0 S	0.0	0.0	0:00.00
12 root sync_supers	20	0	0	0	0 S	0.0	0.0	0:00.06
13 root default	20	0	0	0	0 S	0.0	0.0	0:00.08 bdi-
14 root kintegrityd/0	20	0	0	0	0 S	0.0	0.0	0:00.00
15 root kblockd/0	20	0	0	0	0 S	0.0	0.0	0:00.20
16 root kacpid	20	0	0	0	0 S	0.0	0.0	0:00.00
17 root kacpi_notify	20	0	0	0	0 S	0.0	0.0	0:00.00
18 root kacpi_hotplug	20	0	0	0	0 S	0.0	0.0	0:00.00
19 root ata/0	20	0	0	0	0 S	0.0	0.0	0:00.00
20 root ata_aux	20	0	0	0	0 S	0.0	0.0	0:00.00
21 root khubd	20	0	0	0	0 S	0.0	0.0	0:00.00
22 root kseriod	20	0	0	0	0 S	0.0	0.0	0:00.00
24 root kslowd000	15	-5	0	0	0 S	0.0	0.0	0:00.00
25 root kslowd001	15	-5	0	0	0 S	0.0	0.0	0:00.00
26 root khungtaskd	20	0	0	0	0 S	0.0	0.0	0:00.01
27 root kswapd0	20	0	0	0	0 S	0.0	0.0	0:00.00

95	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
usbhid_resumer											
114	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
kstriped											
529	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
scsi_eh_0											
530	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
scsi_eh_1											
539	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
khvcd											
567	root	20	0	0	0	0	S	0.0	0.0	0:00.07	jbd2/vda1-8
568	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
618	root	16	-4	4576	1100	432	S	0.0	0.1	0:00.08	
udev											
1106	root	20	0	0	0	0	S	0.0	0.0	0:00.78	jbd2/vdc1-8
1107	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1151	root	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdc2-8
1152	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1165	root	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdc3-8
1166	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1175	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
kjournald											
1328	root	20	0	11280	1304	1100	S	0.0	0.1	0:00.00	
oom.sh											
1332	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
low_mem_thread											
1334	root	20	0	11280	552	300	S	0.0	0.1	0:00.17	
oom.sh											
1440	root	20	0	6104	660	524	S	0.0	0.1	0:00.22	
syslogd											
1444	root	20	0	6848	3380	432	S	0.0	0.3	0:00.08	
klogd											
1499	root	20	0	13172	864	712	S	0.0	0.1	0:00.03	
lldpad											

1511 root daemon	20	0	12844	624	456	S	0.0	0.1	0:00.00	dbus-
1543 root sshd	20	0	23252	1140	772	S	0.0	0.1	0:00.00	
1551 root xinetd	20	0	11120	836	676	S	0.0	0.1	0:00.00	
1583 root crond	20	0	7012	1096	572	S	0.0	0.1	0:00.35	
1595 root libvirtd	20	0	148m	4268	2928	S	0.0	0.4	0:00.13	
1664 root agetty	20	0	3992	392	312	S	0.0	0.0	0:00.00	
1690 root agetty	20	0	3992	388	312	S	0.0	0.0	0:00.00	
1692 root agetty	20	0	3992	392	312	S	0.0	0.0	0:00.00	
1715 root udev	18	-2	4572	1064	400	S	0.0	0.1	0:00.00	
1716 root udev	18	-2	4572	976	312	S	0.0	0.1	0:00.00	
1724 root 8	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdb1-
1725 root unwrit	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-
1727 root pm	20	0	144m	11m	3860	S	0.0	1.2	0:04.96	
1732 root bios_fpd	20	0	201m	7916	4004	S	0.0	0.8	0:00.65	
1733 root calv_alarm_mgr	20	0	110m	4776	2792	S	0.0	0.5	0:00.14	
1734 root ccc_driver	20	0	424m	19m	5652	S	0.0	1.9	8:20.74	
1735 root cm	20	0	172m	16m	3188	S	0.0	1.7	0:04.05	
1736 root debug_client	20	0	83668	2916	1864	S	0.0	0.3	0:00.67	
1737 root ds	20	0	120m	9472	2200	S	0.0	0.9	0:00.71	
1738 root dumper	20	0	106m	3068	1920	S	0.0	0.3	0:00.64	
1739 root envmon	20	0	266m	11m	5088	S	0.0	1.2	0:06.72	

1740 root esd	20	0	429m	16m	6060	S	0.0	1.7	0:28.45
1741 root inst_agent	20	0	197m	8192	4900	S	0.0	0.8	0:02.28
1742 root led_mgr	20	0	165m	7552	3932	S	0.0	0.7	0:01.25
1743 root ntp_helper	20	0	90160	3340	2136	S	0.0	0.3	0:01.99
1744 root obfl_mgr	20	0	175m	7472	4152	S	0.0	0.7	0:02.82
1745 root obfl_show	20	0	112m	3608	2332	S	0.0	0.4	0:01.69
1746 root sdr_mgr	20	0	238m	28m	4140	S	0.0	2.9	0:00.79
1747 root shelf_mgr	20	0	359m	19m	7116	S	0.0	2.0	0:12.10
1748 root ship_server	20	0	102m	4008	2584	S	0.0	0.4	0:00.97
1749 root slice_manager	20	0	338m	16m	7192	S	0.0	1.7	7:22.68
1750 root ssh_key_client	20	0	99584	3280	2108	S	0.0	0.3	0:01.69
1751 root syslogd_helper	20	0	140m	4204	2620	S	0.0	0.4	0:54.73
1752 root timezone_notify	20	0	102m	3604	2432	S	0.0	0.4	0:00.65
1753 root vm_manager	20	0	146m	7864	3864	S	0.0	0.8	0:01.68
1754 root wdmon	20	0	121m	6680	2464	S	0.0	0.7	0:06.02
1782 root ssh	20	0	37860	2528	1912	S	0.0	0.3	0:00.00
2012 root ntpd	20	0	28176	1488	1160	S	0.0	0.1	0:00.26
4680 root 252:32	20	0	0	0	0	S	0.0	0.0	0:00.05 flush-
7469 root 252:0	20	0	0	0	0	S	0.0	0.0	0:00.00 flush-
7521 root sleep	20	0	3852	392	316	S	0.0	0.0	0:00.00
7522 root sshd	20	0	27884	2432	1972	S	0.0	0.2	0:00.01

```
7524 root      20    0 10820 1164  844 R  0.0  0.1   0:00.00 top
```

```
RP/0/RP0/CPU0:CRS-J(admin)#top dumbtty loc ?  
WORD Fully qualified location specification
```

```
RP/0/RP0/CPU0:CRS-J(admin)#top dumbtty loc 0/RP0/CPU0
```

```
Wed Nov 27 15:55:14.736 UTC
```

```
Computing times...348 processes; 1904 threads;
```

```
CPU states: 97.6% idle, 2.0% user, 0.2% kernel
```

```
Memory: 12288M total, 10004M avail, page size 4K
```

```
Time: Wed Nov 27 15:55:16.911 UTC
```

JID	TID	LAST_CPU	PRI	STATE	HH:MM:SS	CPU	COMMAND
367	10	1	10	Run	0:00:42	0.84%	qsm
367	11	1	10	Rcv	0:00:23	0.67%	qsm
67	10	1	50	NSlp	1:29:44	0.33%	ce_switch
1	63	0	10	Run	0:02:49	0.29%	procnto-smp-instr
67	9	1	50	NSlp	0:31:09	0.12%	ce_switch
67	6	1	10	NSlp	0:12:26	0.04%	ce_switch
65883	1	0	10	Rply	0:00:00	0.02%	top
62	12	1	55	Rcv	0:19:41	0.02%	eth_server
67	11	1	56	NSlp	0:00:02	0.00%	ce_switch
343	1	0	10	Rcv	0:00:00	0.00%	oir_daemon

```
RP/0/RP0/CPU0:CRS-J(admin)#top loc 0/RP0/CPU0 ?
```

```
<cr>
```

```
RP/0/RP0/CPU0:CRS-J(admin)#top loc 0/0/CPU0
```

```
Wed Nov 27 15:56:40.661 UTC
```

```
Sorry, that node can't be found
```

```
RP/0/RP0/CPU0:CRS-J(admin)#show plat
```

```
Wed Nov 27 15:56:46.461 UTC
```

Node	Type	PLIM	State	Config State
0/0/CPU0	MSC-140G	20-10GbE	IOS XR RUN	PWR, NSHUT, MON
0/1/SP	MSC (SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/1/CPU0	MSC	Jacket Card	IOS XR RUN	PWR, NSHUT, MON
0/1/0	MSC (SPA)	OC192RPR-XFP	OK	PWR, NSHUT, MON
0/1/1	MSC (SPA)	8X1GE	OK	PWR, NSHUT, MON
0/1/2	MSC (SPA)	10X1GE	OK	PWR, NSHUT, MON
0/6/SP	MSC (SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/6/CPU0	MSC	4-10GbE	IOS XR RUN	PWR, NSHUT, MON
0/7/SP	MSC (SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/7/CPU0	MSC	10C768-POS	IOS XR RUN	PWR, NSHUT, MON
0/RP0/CPU0	RP(Active)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/RP1/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/SM0/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/SM1/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/SM2/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR, NSHUT, MON
0/SM3/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR, NSHUT, MON

```
RP/0/RP0/CPU0:CRS-J(admin)#top loc 0/1/CPU0
```

```
Wed Nov 27 15:56:57.012 UTC
```

```
Sorry, that node can't be found
```

Cisco NCS 6000 Series handleidingen voor opdracht van routers

- [Referentie van systeembeheeropdracht voor Cisco NCS 6000 Series routers](#)
- [Referentie van systeembeheer voor Cisco NCS 6000 Series router, release 5.0.x](#)