



## **NBAR2 Protocol Pack 11.0.0 for Wireless LAN Controllers**

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# Supported Platforms

Network-Based Application Recognition (NBAR2) Protocol Pack 11.0.0 support is provided for Cisco Wireless LAN Controller platforms, starting with the 8.0 release.

NBAR2 Protocol Pack 11.0.0 is supported on the following Cisco Wireless LAN Controller platforms:

- Cisco 5508 Wireless Controller
- Cisco Flex 7500 Series Wireless Controllers
- Cisco 8510 Wireless Controller
- Cisco Wireless Services Module 2 (WiSM2)



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**Note**

- Cisco Wireless LAN Controller software release 8.0, uses NBAR engine 16, and contains NBAR2 Protocol Pack 9.0.0 built-in. For more information on software releases and compatible protocol packs, see [Working with Protocol Packs, on page 9](#).
  - Though the NBAR2 protocol library and the protocol signatures support IPv6 traffic classification, Cisco Wireless LAN Controller platforms currently support only IPv4 traffic classification.
  - The Cisco 2504 Wireless Controller supports Application Visibility and Control, but supports only built-in protocol packs present in Wireless LAN Controller software releases. It does not support downloading and installing protocol packs.
-



## New Protocols in NBAR2 Protocol Pack 11.0.0

The following new protocols have been added in NBAR2 Protocol Pack 11.0.0, after NBAR2 Protocol Pack 9.0.0.

Common Name	Syntax Name	Description
AliWangwang	aliwangwang	AliWangwang is a free instant messenger for Alibaba.com and Taobao.com members. It allows text, voice, and video chat between buyers and sellers who use Alibaba web e-commerce services. The English version of AliWangwang is called TradeManager.
Consumer Cloud Storage	consumer-cloud-storage	The Consumer Cloud Storage protocol gathers the leading websites on the internet that offer cloud storage services, mainly for media consumers, such as PutLocker, Rapidshare, box, and more.
FC2	Fc2	FC2 is a popular Japanese blogging host and the third most popular video hosting service in Japan. Among its other services are also websites tools such as ad-free hosting, analyzer, counters, and more.
Kakao-Talk	kakao-talk	Kakao-Talk is a free mobile messenger application for smartphones with free multimedia messaging and free call features. Kakao-Talk was released by Kakao corporation which is based in Seoul, South Korea. It is available on most common mobile operating systems including IOS, Android, and also available on PC by syncing between the PC and the mobile device.
Kakao-Services	kakao-services	kakao-services is a set of tools and APIs used by Kakao applications such as kakao story, kakao music, kakao website, and so on.
Perfect Dark	perfect-dark	Perfect-Dark is a P2P application being developed in Japan by an anonymous author. It was developed with the intention for it to be the successor to both Winny and Share. The network function has a huge distributed disk called 'Unity' and the minimum requirement is 40GB disk space.
QQ-Games	qq-games	QQ Games is a platform developed by Tencent America LLC which lets users play hundreds of casual multiplayer games with other people through the web. A Chinese version is available as well as an English version.

Common Name	Syntax Name	Description
Android Updates	android-updates	Android updates is the OS updating service for Google's Android OS. Most devices are capable of receiving the updates OTA. Due to the extensive variation in hardware of Android devices and the Android OS versions, updates need to be specially tailored for each device or software. Another aspect of this situation is updates do not have a specific source. Currently, SAMSUNG, LG, HTC and devices with cyanogenmod ROM is supported.
Apple App Store	apple-app-store	Apple App Store is a digital distribution platform for iOS/OS X applications, developed by Apple Inc. The service allows users to browse, download and update applications into their MAC/Apple devices.
Apple iOS updates	apple-ios-updates	Apple iOS updates is a service that provides updates for the iOS operating system and its installed components.
AppleTV updates	apple-tv-updates	AppleTV updates is a service that provides updates for the AppleTV operating system and its installed components.
HTC Services	htc-services	HTC Services are HTC mobile devices software support and HTC website traffic.
Google Play	google-play	Google Play, formerly known as Android Market, is a Google operated digital store for applications developed with the Android operating system SDK, and is published through Google.
KeyHoleTV	keyholetv	KeyHoleTV is an online television portal that links to a limited selection of Japanese television channels, radio stations, and user-made channels. It has clients on Windows, Mac, Linux and iOS.
MAC OS X updates	mac-os-x-updates	MAC OS X updates is a service that provides updates for the MAC OS X operating system and its installed components.
Mixi	mixi	Mixi is an online Japanese social networking service.
Microsoft Windows Store	windows-store	Windows store is an application store operated by Microsoft. It has free and paid applications, as well as desktop and mobile applications written for Windows and Windows mobile.
Yahoo Messenger Video	yahoo-messenger-video	Yahoo Messenger Video is a feature included in Yahoo Messenger. It uses the webcam to allow users to make private video calls and wide broadcasts.

## Updated Protocols in NBAR2 Protocol Pack 11.0.0

The following table displays the protocols that have been updated in NBAR2 Protocol Pack 11.0.0, after NBAR2 Protocol Pack 9.0.0:

Protocol	Updates
airplay	Updated signatures.
cisco-ip-camera	Updated signatures.
edonkey	Updated signatures.
espn-video	Updated signatures.
qq-im	Updated signatures.
real-media	Updated signatures.
rtsp	Updated signatures.
Aol-messenger	Updated signatures.
Bittorrent	Updated signatures.
DNS	Updated signatures.
Dropbox	Updated signatures.
eDonkey	Updated signatures.
Facebook	Updated signatures.
Facetime	Updated signatures.
Google-services	Updated signatures.
Gtalk-video	Updated signatures.
iTunes	Updated signatures.
Linkedin	Updated signatures.
Naver-line	Updated signatures.
SSL	Updated signatures.
Whatsapp	Updated signatures.
YouTube	Updated signatures.

# Caveats in NBAR2 Protocol Pack 11.0.0


**Note**

If you have an account on Cisco.com, you can also use the Bug Search Tool to find select caveats of any severity. To reach the Bug Search Tool, log in to Cisco.com and go to <https://tools.cisco.com/bugsearch/search>. (If the defect that you have requested cannot be displayed, this may be due to one or more of the following reasons: the defect number does not exist, the defect does not have a customer-visible description yet, or the defect has been marked Cisco Confidential.)

## Resolved Caveats in NBAR2 Protocol Pack 11.0.0

The following table lists the resolved caveats in NBAR2 Protocol Pack 11.0.0, after NBAR2 Protocol Pack 9.0.0:

Resolved Caveat	Description
CSCug20539	Traffic generated by airplay might be misclassified as unknown
CSCum59732	Traffic generated by qq-im might not be blocked
CSCun48646	Youtube traffic might be misclassified as internet-video-streaming
CSCub62860	Gtalk Video might be misclassified as RTP
CSCun62513	Some aim-pro traffic is misclassified as ssl
CSCun85161	Apple Facetime is classified as SSL
CSCun92364	Misclassifications in Whatsapp protocol
CSCuo06154	Add ssl sc wildcards support
CSCuo06831	Some yahoo-messenger-video may be misclassified as unknown
CSCuo46084	Dropbox traffic may be misclassified as consumer-cloud-storage
CSCuo50275	Some youtube traffic may be misclassified
CSCuo51104	IPv6 DNS queries are misclassified as unknown
CSCuo51650	Google-Services support needs some update
CSCuo67857	Sending messages on naver-line is passable under blocking (on iphone)
CSCuo70957	Gaps in DNS signature
CSCuo74754	Failure of bittorrent fallback signature
CSCuo78444	Update facebook and linkedin SSL servers

## Restrictions and Limitations in NBAR2 Protocol Pack 11.0.0

The following table lists the limitations and restrictions in NBAR2 Protocol Pack 11.0.0:

Protocol	Limitation/Restriction
apple-app-store	Login and a few encrypted sessions are classified as <i>iTunes</i>
bittorrent	<i>http</i> traffic generated by the <i>bitcomet bittorrent</i> client might be classified as <i>http</i>
capwap-data	For <i>capwap-data</i> to be classified correctly, <i>capwap-control</i> must also be enabled
cisco-jabber	Encrypted <i>cisco jabber</i> might be classified as unknown.
hulu	Encrypted video streaming generated by <i>hulu</i> might be classified as its underlying protocol <i>rtmpe</i>
logmein	Traffic generated by the <i>logmein</i> android app might be misclassified as <i>ssl</i>
ms-lync	Login and chat traffic generated by the <i>ms-lync</i> client might be misclassified as <i>ssl</i>
pcanywhere	Traffic generated by <i>pcanywhere</i> for mac might be classified as unknown
perfect-dark	Some <i>perfect-dark</i> sessions might be classified as unknown
qq-accounts	Login to QQ applications which is not via web may not be classified as qq-accounts
secondlife	Voice traffic generated by <i>secondlife</i> might be misclassified as <i>ssl</i>

## Recommended Configurations

The following configurations are tested and recommended for blocking the respective traffic.

Recommended Configuration	Caveat for reference
To block Picasa traffic, you need to block Google services and the Picasa application, because Google applications share signatures.	CSCud40143
To block Gmail traffic, you need to block Google services and the Gmail application, because Google applications share signatures.	CSCud43226
To effectively apply AVC policy for FTP , we need to add both <i>ftp-data</i> and <i>ftp</i> as part of the AVC Profile.	—



## Working with Protocol Packs

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- [NBAR2 Protocol Pack Overview, on page 10](#)
- [Loading an NBAR2 Protocol Pack, on page 12](#)
- [Viewing the Protocol Pack and AVC Engine Details, on page 13](#)

# NBAR2 Protocol Pack Overview

The NBAR2 Protocol Pack feature provides an easy way to load a protocol pack, which allows you to update Network-Based Application Recognition (NBAR) protocols on supported devices without having to replace the Cisco software on the device. NBAR2 protocol pack contains a set of signatures that are supported by NBAR.

Protocol packs provide the following features:

- They are easy to load.
- They are easy to upgrade and downgrade.

## Protocol Pack Compatibility

NBAR2 Protocol packs are released for specific NBAR engine versions. You can load an NBAR2 protocol pack only if the NBAR engine version used in the wireless LAN controller (WLC) software platform is the same as or higher than the engine version that the protocol pack is released for. However, you are strongly recommended to use the protocol pack that is the exact match for the engine.

*Table 1: Compatibility Table*

WLC Software Release	NBAR Engine Used	Protocol packs released for the NBAR engine used
7.5	NBAR engine 13	• 4.1.1
7.6		• 6.3.0 • 6.4.0
8.0	NBAR engine 16	• Protocol packs compatible with NBAR engine 13 • 9.0.0 (comes only built-in, in 8.0) • 11.0.0



**Note**

Consider a WLC running a 7.6 or older software release, loaded with a compatible protocol pack. If this controller is upgraded to software release 8.0, then it will start using protocol pack 9.0.0, which comes in-built in 8.0 release. Additionally you can choose to download protocol pack 11.0.0, which in turn will be loaded instead of 9.0.0. However, if you revert back to the older software release, then the older protocol pack loaded for that release will be loaded again.





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**Note** If you try to load an incompatible protocol pack on a controller, it will be rejected with an error message stating that the protocol pack is incompatible with the underlying NBAR software version. Any existing protocol pack on the controller, will remain active.

---

### Downloading NBAR2 Protocol Packs

Use only the tested and certified protocol packs which are released on Cisco.com. You can download these protocol packs from this location:

<http://software.cisco.com/download/navigator.html>

A protocol pack is numbered in a format that is similar to this:

pp-AIR-8.0-(NBAR Engine Number)-(Protocol Pack Version).pack

For example, the Wireless LAN Controller Release 8.0 uses NBAR engine version 16. Hence, protocol packs released for Release 8.0 will have a numbering that is similar to this:

pp-AIR-8.0-16-11.0.0.pack

# Loading an NBAR2 Protocol Pack

Using FTP or TFTP, you can download newer versions of protocol packs into the controller.



**Note** You are recommended to download protocol packs into the controller only during maintenance. This is because during download the CPU usage will be quite high, which may cause disruptions in the network. It takes no more than three minutes for the download to complete and for the protocol pack to become operational. You do not need to reboot the controller after the download.

**Step 1** Enter this command to download a protocol pack:

```
transfer download datatype avc-protocol-pack
```

Information that is similar to the following is displayed:

```
Mode..... FTP
Data Type..... AVC Protocol Pack
FTP Server IP..... xx.xxx.xxx.xx
FTP Server Port..... 21
FTP Path..... <directory path>
FTP Filename..... pp-AIR-8.0-16-11.0.0.pack
FTP Username..... cisco
FTP Password..... *****
```

```
Starting transfer of AVC Protocol Pack
```

```
This may take some time.
Are you sure you want to start? (y/N)
```

**Step 2** Answer **y** at the prompt to start the download.

# Viewing the Protocol Pack and AVC Engine Details

## Protocol Pack Details

To view the name and version of the loaded protocol pack, enter this command:

**show avc protocol-pack version**

Information that is similar to the following is displayed:

```
AVC Protocol Pack Name: Advanced Protocol Pack
AVC Protocol Pack Version: 11.0
```

## AVC Engine Details



### Note

An NBAR2 protocol pack can be installed on a device only if the NBAR engine version on the platform is the same as or later than the version required by the NBAR2 protocol pack.

To view the AVC engine version which the controller is using, enter this command:

**show avc engine version**

Information that is similar to the following is displayed:

```
AVC Engine Version: 16
```





## 3COM-AMP3 through AYIYA-IPV6-TUNNELED

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## 3COM-AMP3

<b>Name/CLI Keyword</b>	3com-amp3
<b>Full Name</b>	3Com AMP3
<b>Description</b>	Registered with IANA on port 629 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:629
<b>ID</b>	538
<b>Known Mappings</b>	
UDP Port	629
TCP Port	629
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	Bulk data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## 3COM-TSMUX

<b>Name/CLI Keyword</b>	3com-tsmux
<b>Full Name</b>	3Com TSMUX
<b>Description</b>	Registered with IANA on port 106 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:106
<b>ID</b>	977
<b>Known Mappings</b>	
UDP Port	106
TCP Port	106
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# 3PC

<b>Name/CLI Keyword</b>	3pc
<b>Full Name</b>	Third Party Connect Protocol
<b>Description</b>	Registered with IANA as IP Protocol 34
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:34
<b>ID</b>	788
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	34
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# 4CHAN

<b>Name/CLI Keyword</b>	4chan
<b>Full Name</b>	4chan
<b>Description</b>	4chan - Website that hosts found images and discussions on them.
<b>Reference</b>	<a href="http://4chan.org">http://4chan.org</a>
<b>Global ID</b>	L7:763
<b>ID</b>	1693
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# 58-CITY

<b>Name/CLI Keyword</b>	58-city
<b>Full Name</b>	58 City
<b>Description</b>	58 City - Classified information about 58 cities in China.
<b>Reference</b>	<a href="http://58.com">http://58.com</a>
<b>Global ID</b>	L7:704
<b>ID</b>	1634
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# 914C G

<b>Name/CLI Keyword</b>	914c/g
<b>Full Name</b>	Texas Instruments 914 Terminal
<b>Description</b>	Registered with IANA on port 211 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:211
<b>ID</b>	1109
<b>Known Mappings</b>	
UDP Port	211
TCP Port	211
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# 9PFS

<b>Name/CLI Keyword</b>	9pfs
<b>Full Name</b>	9P
<b>Description</b>	9P(or thePlan 9 Filesystem ProtocolorStyx) is a network protocol developed for thePlan 9 from Bell Labsdistributed operating systems as the means of connecting the components of a Plan 9 system. Files are key objects in Plan 9. They represent windows, network connections, processes, and almost anything else available in the operating system. Unlike NFS, 9P encourages caching and also serves synthetic files.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/9P">http://en.wikipedia.org/wiki/9P</a>
<b>Global ID</b>	L4:564
<b>ID</b>	479
<b>Known Mappings</b>	
UDP Port	564
TCP Port	564
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ABC-NEWS

<b>Name/CLI Keyword</b>	abc-news
<b>Full Name</b>	ABC
<b>Description</b>	ABC - Web Portal for television network.
<b>Reference</b>	<a href="http://abc.com">http://abc.com</a>
<b>Global ID</b>	L7:721
<b>ID</b>	1651
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ACAP

<b>Name/CLI Keyword</b>	acap
<b>Full Name</b>	Application Configuration Access Protocol
<b>Description</b>	The Application Configuration Access Protocol (ACAP) is a protocol for storing and synchronizing general configuration and preference data. It was originally developed so that IMAP clients can easily access address books, user options, and other data on a central server and be kept in sync across all clients.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2244.txt">http://www.ietf.org/rfc/rfc2244.txt</a>
<b>Global ID</b>	L4:674
<b>ID</b>	582
<b>Known Mappings</b>	
UDP Port	674
TCP Port	674
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ACAS

<b>Name/CLI Keyword</b>	acas
<b>Full Name</b>	ACA Services
<b>Description</b>	Registered with IANA on port 62 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:62
<b>ID</b>	939
<b>Known Mappings</b>	
UDP Port	62
TCP Port	62
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ACCESSBUILDER

<b>Name/CLI Keyword</b>	accessbuilder
<b>Full Name</b>	AccessBuilder
<b>Description</b>	AccessBuilder (Access Builder) is a family of dial-in remote access servers that give mobile computer users and remote office workers full access to workgroup, departmental, and enterprise network resources. Remote users dial into AccessBuilder via analog or digital connections to get direct, transparent links to Ethernet and Token Ring LANs-just as if they were connected locally. AccessBuilder products support a broad range of computing platforms, network operating systems, and protocols to fit a variety of network environments. They provide multi-protocol bridging and routing for wide area Client-to-LAN connections and remote LAN extensions to the central site.
<b>Reference</b>	<a href="http://www.all3com.com/accessbuilder.html">http://www.all3com.com/accessbuilder.html</a>
<b>Global ID</b>	L4:888
<b>ID</b>	662
<b>Known Mappings</b>	
UDP Port	888
TCP Port	888
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ACCESSNETWORK

<b>Name/CLI Keyword</b>	accessnetwork
<b>Full Name</b>	Access Network
<b>Description</b>	Registered with IANA on port 699 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:699
<b>ID</b>	607
<b>Known Mappings</b>	
UDP Port	699
TCP Port	699
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ACCUWEATHER

<b>Name/CLI Keyword</b>	accuweather
<b>Full Name</b>	AccuWeather
<b>Description</b>	AccuWeather - Weather forecasting website.
<b>Reference</b>	<a href="http://accuweather.com">http://accuweather.com</a>
<b>Global ID</b>	L7:680
<b>ID</b>	1610
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ACP

<b>Name/CLI Keyword</b>	acp
<b>Full Name</b>	Aeolon Core Protocol
<b>Description</b>	Registered with IANA on port 599 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:599
<b>ID</b>	513
<b>Known Mappings</b>	
UDP Port	599
TCP Port	599
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ACR-NEMA

<b>Name/CLI Keyword</b>	acr-nema
<b>Full Name</b>	ACR-NEMA Digital Img
<b>Description</b>	ACR-NEMA Digital Img is a standard for handling, storing, printing, and transmitting information in medical imaging.
<b>Reference</b>	<a href="http://medical.nema.org/Dicom/2011/11_01pu.pdf">http://medical.nema.org/Dicom/2011/11_01pu.pdf</a>
<b>Global ID</b>	L4:104
<b>ID</b>	975
<b>Known Mappings</b>	
UDP Port	104
TCP Port	104
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ACTIVE-DIRECTORY

<b>Name/CLI Keyword</b>	active-directory
<b>Full Name</b>	Active Directory
<b>Description</b>	Active-Directory (AD) is a directory service created by Microsoft for Windows domain networks, responsible for authenticating and authorizing all users and computers within a network of Windows domain type, assigning and enforcing security policies for all computers in a network and installing or updating software on network computers.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Active_Directory">http://en.wikipedia.org/wiki/Active_Directory</a>
<b>Global ID</b>	L7:473
<b>ID</b>	1194
<b>Known Mappings</b>	
UDP Port	389
TCP Port	135,139,389,443,445
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ms-rpc,ldap,cifs,ssl

# ACTIVESYNC

<b>Name/CLI Keyword</b>	activesync
<b>Full Name</b>	ActiveSync
<b>Description</b>	ActiveSync is a mobile data synchronization technology and protocol based on HTTP, developed by Microsoft. One implementation of the technology is that it synchronizes data and information with handheld devices and a specific desktop computer. The other technology, commonly known as Exchange ActiveSync (EAS), provides push synchronization of contacts, calendars, tasks, and email between ActiveSync-enabled servers and devices.
<b>Reference</b>	<a href="http://msdn.microsoft.com/en-us/library/dd299446(v=exch.80).aspx">http://msdn.microsoft.com/en-us/library/dd299446(v=exch.80).aspx</a>
<b>Global ID</b>	L7:490
<b>ID</b>	1419
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



# ADCASH

<b>Name/CLI Keyword</b>	adcash
<b>Full Name</b>	Adcash
<b>Description</b>	Adcash - Advertising network.
<b>Reference</b>	<a href="http://adcash.com">http://adcash.com</a>
<b>Global ID</b>	L7:616
<b>ID</b>	1064
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ADDTHIS

<b>Name/CLI Keyword</b>	addthis
<b>Full Name</b>	AddThis
<b>Description</b>	AddThis - Social bookmarking service.
<b>Reference</b>	<a href="http://addthis.com">http://addthis.com</a>
<b>Global ID</b>	L7:683
<b>ID</b>	1613
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ADOBE-CONNECT

<b>Name/CLI Keyword</b>	adobe-connect
<b>Full Name</b>	Web conferencing solution for web meetings
<b>Description</b>	Adobe Connect is a web conferencing platform for web meetings, eLearning and webinars.
<b>Reference</b>	<a href="http://www.adobe.com/products/adobeconnect.html">http://www.adobe.com/products/adobeconnect.html</a>
<b>Global ID</b>	L7:505
<b>ID</b>	1441
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,rtmp,dns,quic

# ADWEEK

<b>Name/CLI Keyword</b>	adweek
<b>Full Name</b>	Adweek
<b>Description</b>	Adweek - Marketing, Media and advertising news.
<b>Reference</b>	<a href="http://adweek.com">http://adweek.com</a>
<b>Global ID</b>	L7:718
<b>ID</b>	1648
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AED-512

<b>Name/CLI Keyword</b>	aed-512
<b>Full Name</b>	AED 512 Emulation service
<b>Description</b>	Registered with IANA on port 149 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:149
<b>ID</b>	963
<b>Known Mappings</b>	
UDP Port	149
TCP Port	149
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AFPOVERTCP

<b>Name/CLI Keyword</b>	afpovertcp
<b>Full Name</b>	Apple Filing Protocol over TCP
<b>Description</b>	Apple Filing Protocol (AFP) is a proprietary network protocol that offers file services for Mac OS X and original Mac OS.
<b>Reference</b>	<a href="https://developer.apple.com/library/mac/#documentation/NetworkingConceptual/AFP/Introduction/Introduction.html">https://developer.apple.com/library/mac/#documentation/NetworkingConceptual/AFP/Introduction/Introduction.html</a>
<b>Global ID</b>	L4:548
<b>ID</b>	1327
<b>Known Mappings</b>	
UDP Port	548
TCP Port	548
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AGENTX

<b>Name/CLI Keyword</b>	agentx
<b>Full Name</b>	AgentX
<b>Description</b>	AgentX is a protocol used to communicate between processing entities called master, agents and subagents, and the elements of procedure by which the extensible agent processes SNMP protocol messages.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2741.txt">http://www.ietf.org/rfc/rfc2741.txt</a>
<b>Global ID</b>	L4:705
<b>ID</b>	609
<b>Known Mappings</b>	
UDP Port	705
TCP Port	705
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	snmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AIRBNB

<b>Name/CLI Keyword</b>	airbnb
<b>Full Name</b>	Airbnb
<b>Description</b>	Airbnb - Online accommodation rental service.
<b>Reference</b>	<a href="http://airbnb.com">http://airbnb.com</a>
<b>Global ID</b>	L7:735
<b>ID</b>	1665
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# AIRPLAY

<b>Name/CLI Keyword</b>	airplay
<b>Full Name</b>	AirPlay
<b>Description</b>	AirPlay (previously called AirTunes) is a proprietary protocol stack/suite developed by Apple Inc. that allows wireless streaming of audio, video and photos, together with related metadata between devices.
<b>Reference</b>	<a href="http://www.apple.com/airplay/">http://www.apple.com/airplay/</a>
<b>Global ID</b>	L7:549
<b>ID</b>	1483
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtsp,http,itunes

# ALIWANGWANG

<b>Name/CLI Keyword</b>	aliwangwang
<b>Full Name</b>	AliWangwang
<b>Description</b>	AliWangwang is a free instant messenger for Alibaba.com and Taobao.com members. It allows text, voice and video chat between buyers and sellers who use Alibaba web e-commerce services. The English version of AliWangwang is called TradeManager.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Taobao">http://en.wikipedia.org/wiki/Taobao</a>
<b>Global ID</b>	L7:581
<b>ID</b>	1520
<b>Known Mappings</b>	
UDP Port	53,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,stun-nat,dns,quic

# ALLRECIPES

<b>Name/CLI Keyword</b>	allrecipes
<b>Full Name</b>	AllRecipes
<b>Description</b>	AllRecipes - Recipes and cooking guide
<b>Reference</b>	<a href="http://allrecipes.com">http://allrecipes.com</a>
<b>Global ID</b>	L7:741
<b>ID</b>	1671
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ALPES

<b>Name/CLI Keyword</b>	alpes
<b>Full Name</b>	Administration Delocalisee Par Emissions Securisee (remote administration using secured messages)
<b>Description</b>	ALPES is a client server protocol build on top of TCP. Its main goal is to secure the administration of a network of computers by transferring configuration text files between an information server and its clients and executing programs on them.
<b>Reference</b>	<a href="http://tools.ietf.org/id/draft-durand-alpes-00.txt">http://tools.ietf.org/id/draft-durand-alpes-00.txt</a>
<b>Global ID</b>	L4:463
<b>ID</b>	377
<b>Known Mappings</b>	
UDP Port	463
TCP Port	463
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AMANDA

<b>Name/CLI Keyword</b>	AMANDA
<b>Full Name</b>	AMANDA
<b>Description</b>	Advanced Maryland Automatic Network Disk Archiver
<b>Reference</b>	<a href="http://amanda.org/">http://amanda.org/</a>
<b>Reference</b>	
<b>Global ID</b>	L4:10080
<b>ID</b>	1492
<b>Known Mappings</b>	
UDP Port	10080
TCP Port	10080
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	Bulk data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AMAZON

<b>Name/CLI Keyword</b>	amazon
<b>Full Name</b>	Amazon Instant Video
<b>Description</b>	Amazon.com site browsing.
<b>Reference</b>	<a href="http://www.amazon.com">http://www.amazon.com</a>
<b>Global ID</b>	L7:830
<b>ID</b>	1760
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	http,ssl,dns

# AMEBA

<b>Name/CLI Keyword</b>	ameba
<b>Full Name</b>	Ameba
<b>Description</b>	Ameba - Japanese blogging and social networking website.
<b>Reference</b>	<a href="http://ameba.jp">http://ameba.jp</a>
<b>Global ID</b>	L7:695
<b>ID</b>	1625
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AMAZON-INSTANT-VIDEO

<b>Name/CLI Keyword</b>	amazon-instant-video
<b>Full Name</b>	Amazon Instant Video
<b>Description</b>	Amazon instant video is a VOD service by Amazon, which offers television shows and films for rental and purchase. The service is available only in the US, UK, Germany and Japan.
<b>Reference</b>	<a href="http://www.amazon.com/Instant-Video/b?node=2858778011">http://www.amazon.com/Instant-Video/b?node=2858778011</a>
<b>Global ID</b>	L7:602
<b>ID</b>	1541
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-messaging
<b>Sub Category</b>	consumer-video-streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



# AMAZON-WEB-SERVICES

<b>Name/CLI Keyword</b>	amazon-web-services
<b>Full Name</b>	Amazon Web Services
<b>Description</b>	Amazon web services is a collection of remote computing services that together make up a cloud computing platform. Amongst its most popular services are EC2 and S3. The service is known for having large capacity and being faster and cheaper than a physical server farm.
<b>Reference</b>	<a href="http://aws.amazon.com/">http://aws.amazon.com/</a>
<b>Global ID</b>	L7:603
<b>ID</b>	1542
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	backup-and-storage
<b>Sub Category</b>	enterprise-cloud-data-storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic

# AMERICAN-EXPRESS

<b>Name/CLI Keyword</b>	american-express
<b>Full Name</b>	American Express
<b>Description</b>	American Express - Financial services company.
<b>Reference</b>	<a href="http://americanexpress.com">http://americanexpress.com</a>
<b>Global ID</b>	L7:664
<b>ID</b>	1593
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AMINET

<b>Name/CLI Keyword</b>	aminet
<b>Full Name</b>	AMInet
<b>Description</b>	AMInet Protocol is used for communication and control of Alcorn McBride Inc. products.
<b>Reference</b>	<a href="http://www.alcorn.com/library/manuals/man_dvmhd.pdf">http://www.alcorn.com/library/manuals/man_dvmhd.pdf</a>
<b>Global ID</b>	L4:2639
<b>ID</b>	558
<b>Known Mappings</b>	
UDP Port	2639
TCP Port	2639
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## AN

<b>Name/CLI Keyword</b>	an
<b>Full Name</b>	Active Networks
<b>Description</b>	Active Networks is a networking technology used to enable unique processing of each network packet. This is accomplished by sending the proper processing code along with the payload of each packet, or in a separate control flow. This code can then be executed by certain nodes, called Active Nodes, inside the network.
<b>Reference</b>	<a href="http://www.isi.edu/active-signal/ARP/DOCUMENTS/DANCE.ARP.FINAL.pdf">http://www.isi.edu/active-signal/ARP/DOCUMENTS/DANCE.ARP.FINAL.pdf</a>
<b>Global ID</b>	L3:107
<b>ID</b>	861
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	107
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ANCESTRY-COM

<b>Name/CLI Keyword</b>	ancestry-com
<b>Full Name</b>	Ancestry.com
<b>Description</b>	Ancestry.com - Online family history resource.
<b>Reference</b>	<a href="http://ancestry.com">http://ancestry.com</a>
<b>Global ID</b>	L7:742
<b>ID</b>	1672
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# ANDROID-UPDATES

<b>Name/CLI Keyword</b>	android-updates
<b>Full Name</b>	Android Updates
<b>Description</b>	Android updates is the OS updating service for Google's Android OS. Most devices are capable of receiving the updates OTA. Due to the extensive variation in hardware of Android devices and the Android OS versions, updates need to be specially tailored for each device or software. Another aspect of this situation is updates don't have a specific source. Currently we support SAMSUNG, LG, HTC and devices with cyanogenmod ROM.
<b>Reference</b>	<a href="http://www.android.com/">http://www.android.com/</a>
<b>Global ID</b>	L7:587
<b>ID</b>	1526
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	google-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	software-updates
<b>Sub Category</b>	os-updates
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic

# ANET

<b>Name/CLI Keyword</b>	anet
<b>Full Name</b>	ATEXSSTR
<b>Description</b>	Registered with IANA on port 212 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:212
<b>ID</b>	1110
<b>Known Mappings</b>	
UDP Port	212
TCP Port	212
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ANSANOTIFY

<b>Name/CLI Keyword</b>	ansanotify
<b>Full Name</b>	ANSA REX Notify
<b>Description</b>	The Remote EXecution Protocol (REX) provides a simple service for process-to-process interactions across a network, as part of ANSA Engineering Module.
<b>Reference</b>	<a href="http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf">http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf</a>
<b>Global ID</b>	L4:116
<b>ID</b>	986
<b>Known Mappings</b>	
UDP Port	116
TCP Port	116
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ANSATRADER

<b>Name/CLI Keyword</b>	ansatrader
<b>Full Name</b>	ANSA REX Trader
<b>Description</b>	ANSAware is an infrastructure for developing and running distributed application. It is available for a number of operating system like SunOS, HP/UX, VMS and MS DOS. A factory server is able to create server processes called capsules, and interfaces for a certain service type dynamically on the local computer node. References to these interfaces are mediated by a server called trader.
<b>Reference</b>	<a href="http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf">http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf</a>
<b>Global ID</b>	L4:124
<b>ID</b>	993
<b>Known Mappings</b>	
UDP Port	124
TCP Port	124
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ANY-HOST-INTERNAL

<b>Name/CLI Keyword</b>	any-host-internal
<b>Full Name</b>	any host internal protocol
<b>Description</b>	Registered with IANA as IP Protocol 61
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:61
<b>ID</b>	815
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	61
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AODV

<b>Name/CLI Keyword</b>	aodv
<b>Full Name</b>	Ad hoc On-Demand Distance Vector Routing
<b>Description</b>	Ad hoc On-Demand Distance Vector (AODV) is a routing protocol for mobile ad hoc networks (MANETs) and other wireless ad-hoc networks.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3561.txt">http://www.ietf.org/rfc/rfc3561.txt</a>
<b>Global ID</b>	L4:654
<b>ID</b>	563
<b>Known Mappings</b>	
UDP Port	654
TCP Port	654
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AOL-MESSENGER

<b>Name/CLI Keyword</b>	aol-messenger
<b>Full Name</b>	AOL Instant Messenger Text Chat
<b>Description</b>	AOL Instant Messenger Text Chat is the instant messaging part of AOL Instant Messenger, a software that allows users to communicate either through AIM contacts or Facebook/Google-talk contacts and share photos. AIM uses mixed protocols to support its rich feature sets, which include OSCAR, HTTP, STUN, UDP, TCP as well as SIP / RTP.
<b>Reference</b>	<a href="http://www.aim.com/">http://www.aim.com/</a>
<b>Global ID</b>	L7:79
<b>ID</b>	79
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,1080,5190,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,aol-protocol,ssl,socks,dns,quic

# AOL-MESSENGER-AUDIO

<b>Name/CLI Keyword</b>	aol-messenger-audio
<b>Full Name</b>	AOL Instant Messenger Audio
<b>Description</b>	AOL Instant Messenger (AIM) Audio Calls classification. Flows can be over TCP or over UDP if the two clients are on the same network. AIM uses RTP over STUN to send audio data over UDP.
<b>Reference</b>	<a href="http://www.aim.com/">http://www.aim.com/</a>
<b>Global ID</b>	L7:500
<b>ID</b>	1436
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,rtp

## AOL-MESSENGER-FT

<b>Name/CLI Keyword</b>	aol-messenger-ft
<b>Full Name</b>	AOL Instant Messenger File Transfer
<b>Description</b>	AOL Instant Messenger File transfer flows classification. AIM File transfer flows Flows are TCP flows.
<b>Reference</b>	<a href="http://www.aim.com">http://www.aim.com</a>
<b>Global ID</b>	L7:502
<b>ID</b>	1438
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	file-sharing
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AOL-MESSENGER-VIDEO

<b>Name/CLI Keyword</b>	aol-messenger-video
<b>Full Name</b>	AOL Instant Messenger Video
<b>Description</b>	AOL Instant Messenger (AIM) video calls classification. Flows can run over TCP or over UDP if the two clients are on the same network. It uses RTP over STUN to send video data over UDP.
<b>Reference</b>	<a href="http://www.aim.com/">http://www.aim.com/</a>
<b>Global ID</b>	L7:501
<b>ID</b>	1437
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	80,3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,rtmp,stun-nat,rtp,aol-messenger-audio,http

# AOL-PROTOCOL

<b>Name/CLI Keyword</b>	aol-protocol
<b>Full Name</b>	AOL Protocol
<b>Description</b>	AOL-Protocol (also known as OSCAR) is an underlying protocol used in AIM and ICQ.
<b>Reference</b>	<a href="http://daol.aol.com/software/aoldesktop97">http://daol.aol.com/software/aoldesktop97</a>
<b>Global ID</b>	L4:5190
<b>ID</b>	1224
<b>Known Mappings</b>	
UDP Port	5190
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# APC-POWERCHUTE

<b>Name/CLI Keyword</b>	apc-powerchute
<b>Full Name</b>	American Power Conversion PowerChute
<b>Description</b>	PowerChute is a computer program by American Power Conversion (APC) used to control the uninterruptible power supplies (UPS) the company produces. It provides unattended shutdown of servers and workstations in the event of an extended power outage. It also monitors and logs the UPS status.
<b>Reference</b>	<a href="http://www.apc.com/">http://www.apc.com/</a>
<b>Global ID</b>	L4:2160
<b>ID</b>	1374
<b>Known Mappings</b>	
UDP Port	2160,2161,2260,3052,3506,5454,5455,5456,6547,6548,6549,7845,7846,9950,9951,9952
TCP Port	2160,2161,2260,3052,3506,5454,5455,5456,6547,6548,6549,7845,7846,9950,9951,9952
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## APERTUS-LDP

<b>Name/CLI Keyword</b>	apertus-ldp
<b>Full Name</b>	Apertus Tech Load Distribution
<b>Description</b>	Registered with IANA on port 539 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:539
<b>ID</b>	457
<b>Known Mappings</b>	
UDP Port	539
TCP Port	539
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# APPLEJUICE

<b>Name/CLI Keyword</b>	applejuice
<b>Full Name</b>	Apple juice P2P file sharing
<b>Description</b>	Apple juice P2P file sharing is a semi-centralized peer-to-peer file sharing network. The network is decentralized over many servers. It offers server and client software for Applejuicenet. The Applejuicenet is used for content distribution with a given Hashlink. The system has a built-in search tool to search servers for keywords.
<b>Reference</b>	<a href="http://www.applejuicenet.de/">http://www.applejuicenet.de/</a>
<b>Global ID</b>	L4:9022
<b>ID</b>	1375
<b>Known Mappings</b>	
UDP Port	9022
TCP Port	9022
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# APPLE-APP-STORE

<b>Name/CLI Keyword</b>	apple-app-store
<b>Full Name</b>	Apple App Store
<b>Description</b>	Apple App Store is a digital distribution platform for iOS/OS X applications, developed by Apple Inc. The service allows users to browse, download and update applications into their MAC/Apple devices.
<b>Reference</b>	<a href="http://www.apple.com/osx/apps/app-store.html">http://www.apple.com/osx/apps/app-store.html</a> , <a href="http://www.apple.com/itunes/features/#store">http://www.apple.com/itunes/features/#store</a>
<b>Global ID</b>	L7:588
<b>ID</b>	1527
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	software-updates
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns

# APPLE-IOS-UPDATES

<b>Name/CLI Keyword</b>	apple-ios-updates
<b>Full Name</b>	Apple iOS updates
<b>Description</b>	Apple iOS updates is a service that provides updates for the iOS operating system and its installed components.
<b>Reference</b>	<a href="http://www.apple.com/softwareupdate/">http://www.apple.com/softwareupdate/</a>
<b>Global ID</b>	L7:586
<b>ID</b>	1525
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	software-updates
<b>Sub Category</b>	os-updates
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# APPLE-REMOTE-DESKTOP

<b>Name/CLI Keyword</b>	apple-remote-desktop
<b>Full Name</b>	Apple Remote Desktop
<b>Description</b>	Apple Remote Desktop (ARD), is a desktop management system for Mac OS X produced by Apple Inc. which allows users to remotely control or monitor other computers over a network. Apple Remote Desktop replaced a similar product called Apple Network Assistant.
<b>Reference</b>	<a href="http://www.apple.com/remotedesktop/">http://www.apple.com/remotedesktop/</a>
<b>Global ID</b>	L4:3283
<b>ID</b>	1475
<b>Known Mappings</b>	
UDP Port	3283
TCP Port	3283
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	vnc

# APPLE-SERVICES

<b>Name/CLI Keyword</b>	apple-services
<b>Full Name</b>	Apple services
<b>Description</b>	apple-services is a set of tools and APIs used by Apple applications such as AppStore and apple website.
<b>Reference</b>	<a href="http://www.apple.com">http://www.apple.com</a>
<b>Global ID</b>	L7:577
<b>ID</b>	1516
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

## APPLE-TV-UPDATES

<b>Name/CLI Keyword</b>	apple-tv-updates
<b>Full Name</b>	AppleTV updates
<b>Description</b>	AppleTV updates is a service that provides updates for the AppleTV operating system and its installed components.
<b>Reference</b>	<a href="http://www.apple.com/softwareupdate/">http://www.apple.com/softwareupdate/</a>
<b>Global ID</b>	L7:593
<b>ID</b>	1532
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	software-updates
<b>Sub Category</b>	os-updates
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



# APPLEQTC

<b>Name/CLI Keyword</b>	appleqtc
<b>Full Name</b>	Apple QuickTime
<b>Description</b>	Apple QuickTime is an extensible proprietary multimedia framework developed by Apple Inc., capable of handling various formats of digital video, picture, sound, panoramic images, and interactivity. QuickTime is available for Windows XP and later, as well as Mac OS X Leopard and later operating systems.
<b>Reference</b>	<a href="http://www.apple.com/quicktime/">http://www.apple.com/quicktime/</a>
<b>Global ID</b>	L4:458
<b>ID</b>	92
<b>Known Mappings</b>	
UDP Port	458
TCP Port	458
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# APPLEQTCSRVR

<b>Name/CLI Keyword</b>	appleqtcsrvr
<b>Full Name</b>	appleqtcsrvr
<b>Description</b>	Registered with IANA on port 545 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:545
<b>ID</b>	463
<b>Known Mappings</b>	
UDP Port	545
TCP Port	545
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# APPLIX

<b>Name/CLI Keyword</b>	applix
<b>Full Name</b>	Applix ac
<b>Description</b>	Registered with IANA on port 999 UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L7:264
<b>ID</b>	680
<b>Known Mappings</b>	
UDP Port	999
TCP Port	999
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARCISDMS

<b>Name/CLI Keyword</b>	arcisdms
<b>Full Name</b>	Arcisdms
<b>Description</b>	Registered with IANA on port 262 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:262
<b>ID</b>	1134
<b>Known Mappings</b>	
UDP Port	262
TCP Port	262
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARES

<b>Name/CLI Keyword</b>	ares
<b>Full Name</b>	Ares
<b>Description</b>	Ares is a P2P network which was originally operating on the Gnutella network. After that, it switched to its own network with a leaves-and-super nodes architecture. Ares Galaxy, which is an open source P2P software, is the main client which makes use of Ares network.
<b>Reference</b>	<a href="http://aresgalaxy.sourceforge.net/">http://aresgalaxy.sourceforge.net/</a>
<b>Global ID</b>	L7:565
<b>ID</b>	1502
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,1080,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-networking
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,socks,dns,quic

# ARGUS

<b>Name/CLI Keyword</b>	argus
<b>Full Name</b>	Argus
<b>Description</b>	Registered with IANA as IP Protocol 13
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:13
<b>ID</b>	768
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	13
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARIEL1

<b>Name/CLI Keyword</b>	ariel1
<b>Full Name</b>	Ariel1
<b>Description</b>	Ariel is a client/server application developed to facilitate transfer of documents between libraries that are located in different geographical locations.
<b>Reference</b>	<a href="http://www.infotrieve.com/sites/default/files/ariel-userguide-4-1.pdf">http://www.infotrieve.com/sites/default/files/ariel-userguide-4-1.pdf</a>
<b>Global ID</b>	L4:419
<b>ID</b>	334
<b>Known Mappings</b>	
UDP Port	419
TCP Port	419
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARIEL2

<b>Name/CLI Keyword</b>	ariel2
<b>Full Name</b>	Ariel2
<b>Description</b>	Ariel allows users to send high-detail electronic images to other Ariel workstations anywhere in the world, using either FTP or email, converting the images to PDF files for easy delivery.
<b>Reference</b>	<a href="http://www.infotrieve.com/ariel-interlibrary-loan-software">http://www.infotrieve.com/ariel-interlibrary-loan-software</a>
<b>Global ID</b>	L4:421
<b>ID</b>	336
<b>Known Mappings</b>	
UDP Port	421
TCP Port	421
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ARIEL3

<b>Name/CLI Keyword</b>	ariel3
<b>Full Name</b>	Ariel3
<b>Description</b>	Ariel allows users to send high-detail electronic images to other Ariel workstations anywhere in the world, using either FTP or email, converting the images to PDF files for easy delivery.
<b>Reference</b>	<a href="http://www.infotrieve.com/ariel-interlibrary-loan-software">http://www.infotrieve.com/ariel-interlibrary-loan-software</a>
<b>Global ID</b>	L4:422
<b>ID</b>	337
<b>Known Mappings</b>	
UDP Port	422
TCP Port	422
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARIS

<b>Name/CLI Keyword</b>	aris
<b>Full Name</b>	Aggregate Route-Based IP Switching
<b>Description</b>	Aggregate Route-Based IP Switching (ARIS) establishes switched paths through a network, leveraging the advantages of switching technologies in an internet network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-viswanathan-aris-overview-00">http://tools.ietf.org/html/draft-viswanathan-aris-overview-00</a>
<b>Global ID</b>	L3:104
<b>ID</b>	858
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	104
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARNS

<b>Name/CLI Keyword</b>	arns
<b>Full Name</b>	Adaptive Receive Node Scheduling
<b>Description</b>	Registered with IANA on port 384 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:384
<b>ID</b>	300
<b>Known Mappings</b>	
UDP Port	384
TCP Port	384
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ARUBA-PAPI

<b>Name/CLI Keyword</b>	aruba-papi
<b>Full Name</b>	Process Application Programming Interface
<b>Description</b>	Process Application Programming Interface (PAPI) is used by Aruba Networks in their network management tools to control and manage access points.
<b>Reference</b>	<a href="http://papi.rediris.es/">http://papi.rediris.es/</a>
<b>Global ID</b>	L4:8211
<b>ID</b>	1328
<b>Known Mappings</b>	
UDP Port	8211
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ASA

<b>Name/CLI Keyword</b>	asa
<b>Full Name</b>	ASA Message Router Object Def.
<b>Description</b>	Registered with IANA on port 386 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:386
<b>ID</b>	302
<b>Known Mappings</b>	
UDP Port	386
TCP Port	386
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ASA-APPL-PROTO

<b>Name/CLI Keyword</b>	asa-appl-proto
<b>Full Name</b>	asa-appl-proto
<b>Description</b>	Registered with IANA on port 502 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:502
<b>ID</b>	416
<b>Known Mappings</b>	
UDP Port	502
TCP Port	502
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ASIPREGISTRY

<b>Name/CLI Keyword</b>	asipregistry
<b>Full Name</b>	Asipregistry
<b>Description</b>	Registered with IANA on port 687 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:687
<b>ID</b>	595
<b>Known Mappings</b>	
UDP Port	687
TCP Port	687
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ASIP-WEBADMIN

<b>Name/CLI Keyword</b>	asip-webadmin
<b>Full Name</b>	AppleShare IP WebAdmin
<b>Description</b>	AppleShare is a product from Apple which implemented various network services such as file server, a print server, web server, electronic mail server. AppleShare IP is a version of AppleShare that supports the use of TCP/IP protocol stack. AppleShare IP WebAdmin is the remote administration service of AppleShare IP where an administrator can perform administrative operations using a web browser.
<b>Reference</b>	<a href="http://support.apple.com/kb/TA26109?viewlocale=en_US">http://support.apple.com/kb/TA26109?viewlocale=en_US</a>
<b>Global ID</b>	L4:311
<b>ID</b>	1151
<b>Known Mappings</b>	
UDP Port	311
TCP Port	311
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ASK-COM

<b>Name/CLI Keyword</b>	ask-com
<b>Full Name</b>	Ask.com
<b>Description</b>	Ask.com - Search engine.
<b>Reference</b>	<a href="http://ask.com">http://ask.com</a>
<b>Global ID</b>	L7:607
<b>ID</b>	755
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AS-SERVERMAP

<b>Name/CLI Keyword</b>	as-servermap
<b>Full Name</b>	AS Server Mapper
<b>Description</b>	The server mapper daemon is a batch job that runs in some IBM subsystems. It provides a method for client applications to determine the port number associated with a particular server.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/infocenter/series/v5r4/index.jsp?topic=%2Frzaii%2Frzaiidaemon.htm">http://publib.boulder.ibm.com/infocenter/series/v5r4/index.jsp?topic=%2Frzaii%2Frzaiidaemon.htm</a>
<b>Global ID</b>	L4:449
<b>ID</b>	364
<b>Known Mappings</b>	
UDP Port	449
TCP Port	449
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ASUS

<b>Name/CLI Keyword</b>	asus
<b>Full Name</b>	Asus
<b>Description</b>	Asus - Manufacturer of PCs and PC components.
<b>Reference</b>	<a href="http://asus.com">http://asus.com</a>
<b>Global ID</b>	L7:762
<b>ID</b>	1692
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AT-3

<b>Name/CLI Keyword</b>	at-3
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 203 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:203
<b>ID</b>	1101
<b>Known Mappings</b>	
UDP Port	203
TCP Port	203
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## AT-5

<b>Name/CLI Keyword</b>	at-5
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 205 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:205
<b>ID</b>	1103
<b>Known Mappings</b>	
UDP Port	205
TCP Port	205
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AT-7

<b>Name/CLI Keyword</b>	at-7
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 207 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:207
<b>ID</b>	1105
<b>Known Mappings</b>	
UDP Port	207
TCP Port	207
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AT-8

<b>Name/CLI Keyword</b>	at-8
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 208 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:208
<b>ID</b>	1106
<b>Known Mappings</b>	
UDP Port	208
TCP Port	208
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AT-ECHO

<b>Name/CLI Keyword</b>	at-echo
<b>Full Name</b>	AppleTalk Echo
<b>Description</b>	AppleTalk Echo Protocol (AEP) is a transport layer protocol designed to test the reachability of network nodes. AEP generates packets to be sent to the network node and is identified in the Type field of a packet as an AEP packet.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/AppleTalk#AppleTalk_Echo_Protocol">http://en.wikipedia.org/wiki/AppleTalk#AppleTalk_Echo_Protocol</a>
<b>Global ID</b>	L4:204
<b>ID</b>	1102
<b>Known Mappings</b>	
UDP Port	204
TCP Port	204
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ATLASSIAN

<b>Name/CLI Keyword</b>	atlassian
<b>Full Name</b>	Atlassian
<b>Description</b>	Atlassian - Project Control and Management Software.
<b>Reference</b>	<a href="http://atlassian.com">http://atlassian.com</a>
<b>Global ID</b>	L7:769
<b>ID</b>	1699
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

## AT-NBP

<b>Name/CLI Keyword</b>	at-nbp
<b>Full Name</b>	AppleTalk Name Binding
<b>Description</b>	AppleTalk Name Binding (NBP) was a dynamic, distributed system for managing AppleTalk names. When a service started up on a machine, it registered a name for itself as chosen by a human administrator.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/AppleTalk#Name_Binding_Protocol">http://en.wikipedia.org/wiki/AppleTalk#Name_Binding_Protocol</a>
<b>Global ID</b>	L4:202
<b>ID</b>	1100
<b>Known Mappings</b>	
UDP Port	202
TCP Port	202
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AT-RTMP

<b>Name/CLI Keyword</b>	at-rtmp
<b>Full Name</b>	AppleTalk Routing Maintenance
<b>Description</b>	The AppleTalk Routing Table Maintenance Protocol (RTMP) was the protocol by which routers kept each other informed about the topology of the network.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/AppleTalk#Routing_Table_Maintenance_Protocol">http://en.wikipedia.org/wiki/AppleTalk#Routing_Table_Maintenance_Protocol</a>
<b>Global ID</b>	L4:201
<b>ID</b>	1099
<b>Known Mappings</b>	
UDP Port	201
TCP Port	201
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AT-ZIS

<b>Name/CLI Keyword</b>	at-zis
<b>Full Name</b>	AppleTalk Zone Information Protocol
<b>Description</b>	The Zone Information Protocol was the protocol by which AppleTalk network numbers were associated with zone names. Azone was a subdivision of the network that made sense to humans. While a network number had to be assigned to a topologically-contiguous section of the network, a zone could include several different discontinuous portions of the network.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/AppleTalk#Zone_Information_Protocol">http://en.wikipedia.org/wiki/AppleTalk#Zone_Information_Protocol</a>
<b>Global ID</b>	L4:206
<b>ID</b>	1104
<b>Known Mappings</b>	
UDP Port	206
TCP Port	206
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ATT-WEB-SERVICES

<b>Name/CLI Keyword</b>	att-web-services
<b>Full Name</b>	AT&T Web Services
<b>Description</b>	ATT - Telecom and Internet provider.
<b>Reference</b>	<a href="http://att.com">http://att.com</a>
<b>Global ID</b>	L7:698
<b>ID</b>	1628
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AUDIBLE-COM

<b>Name/CLI Keyword</b>	audible-com
<b>Full Name</b>	Audible.com
<b>Description</b>	Audible.com - Digital audio version for books, magazines, information and more.
<b>Reference</b>	<a href="http://audible.com">http://audible.com</a>
<b>Global ID</b>	L7:730
<b>ID</b>	1660
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AUDIO-OVER-HTTP

<b>Name/CLI Keyword</b>	audio-over-http
<b>Full Name</b>	Audio Over HTTP
<b>Description</b>	Audio over HTTP represents a classification of transferring Audio data (such as radio and audio) streaming over the HTTP protocol. If a flow is classified as a more specific protocol, it will not be classified by audio-over-http.
<b>Reference</b>	
<b>Global ID</b>	L7:430
<b>ID</b>	120
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# AUDIT

<b>Name/CLI Keyword</b>	audit
<b>Full Name</b>	Unisys Audit SITP
<b>Description</b>	Registered with IANA on port 182 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:182
<b>ID</b>	1025
<b>Known Mappings</b>	
UDP Port	182
TCP Port	182
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# AUDITD

<b>Name/CLI Keyword</b>	auditd
<b>Full Name</b>	Digital Audit daemon
<b>Description</b>	The audit daemon, auditd, operates as a server, monitoring /dev/audit for local audit data, monitoring a known port for data from remote cooperating audit daemons, and monitoring an AF_UNIX socket for input from the system administrator.
<b>Reference</b>	<a href="http://30097.www.3lpc.com/docbase_doc/DOCUMENTATIONV51_HTMLMANMAN80030___HTM">http://30097.www.3lpc.com/docbase_doc/DOCUMENTATIONV51_HTMLMANMAN80030___HTM</a>
<b>Global ID</b>	L4:48
<b>ID</b>	928
<b>Known Mappings</b>	
UDP Port	48
TCP Port	48
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AURORA-CMGR

<b>Name/CLI Keyword</b>	aurora-cmgr
<b>Full Name</b>	Aurora CMGR
<b>Description</b>	Registered with IANA on port 364 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:364
<b>ID</b>	280
<b>Known Mappings</b>	
UDP Port	364
TCP Port	364
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AURP

<b>Name/CLI Keyword</b>	aurp
<b>Full Name</b>	AppleTalk Update-based Routing Protocol
<b>Description</b>	The AppleTalk Update-based Routing Protocol (AURP) provides wide area routing enhancements to the AppleTalk routing protocols and is fully compatible with AppleTalk Phase 2.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1504">http://tools.ietf.org/html/rfc1504</a>
<b>Global ID</b>	L4:387
<b>ID</b>	303
<b>Known Mappings</b>	
UDP Port	387
TCP Port	387
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# AUTH

<b>Name/CLI Keyword</b>	auth
<b>Full Name</b>	Authentication Service
<b>Description</b>	The Identification Protocol (formerly called the Authentication Server Protocol) provides a means to determine the identity of a user of a particular TCP connection. Given a TCP port number pair, it returns a character string which identifies the owner of that connection on the server's system.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1413.txt">http://www.ietf.org/rfc/rfc1413.txt</a>
<b>Global ID</b>	L4:113
<b>ID</b>	983
<b>Known Mappings</b>	
UDP Port	113
TCP Port	113
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AVIAN

<b>Name/CLI Keyword</b>	avian
<b>Full Name</b>	Avian
<b>Description</b>	Registered with IANA on port 486 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:486
<b>ID</b>	400
<b>Known Mappings</b>	
UDP Port	486
TCP Port	486
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AVOCENT

<b>Name/CLI Keyword</b>	avocent
<b>Full Name</b>	Secure management and installation discovery
<b>Description</b>	Registered with IANA on ports 3211,3502,3871 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3211
<b>ID</b>	1376
<b>Known Mappings</b>	
UDP Port	3211,3502,3871
TCP Port	3211,3502,3871
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AWEBER

<b>Name/CLI Keyword</b>	aweber
<b>Full Name</b>	Aweber
<b>Description</b>	Aweber - Email marketing Service
<b>Reference</b>	<a href="http://aweber.com">http://aweber.com</a>
<b>Global ID</b>	L7:728
<b>ID</b>	1658
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# AX25

<b>Name/CLI Keyword</b>	ax25
<b>Full Name</b>	AX.25 Frames
<b>Description</b>	AX.25 is a data link layer protocol derived from the X.25 protocol suite and designed for use by amateur radio operators. It is used extensively on amateur packet radio networks. It occupies the first, second, and often the third layers of the OSI networking model, and is responsible for transferring data (encapsulated in packets) between nodes and detecting errors introduced by the communications channel.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/AX.25">http://en.wikipedia.org/wiki/AX.25</a>
<b>Global ID</b>	L3:93
<b>ID</b>	847
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	93
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## AYIYA-IPV6-TUNNELED

<b>Name/CLI Keyword</b>	ayiya-ipv6-tunneled
<b>Full Name</b>	Ayiya IPv6 Tunneled
<b>Description</b>	Anything In Anything (AYIYA) is a tunneling protocol that connects islands of IP traffic. The protocol in NBAR supports only IPV6 tunneled over IPV4 (not IPV6 over IPV6).
<b>Reference</b>	<a href="http://www.sixxs.net/tools/ayiya/">http://www.sixxs.net/tools/ayiya/</a>
<b>Global ID</b>	L7:327
<b>ID</b>	1220
<b>Known Mappings</b>	
UDP Port	5072
TCP Port	5072
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-





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# BABELGUM

<b>Name/CLI Keyword</b>	babelgum
<b>Full Name</b>	Babelgum
<b>Description</b>	Babelgum is an internet TV website based on streaming TV shows and music videos. Also supporting Apple mobile devices, including the iPhone, iPod Touch and iPad.
<b>Reference</b>	<a href="http://www.babelgum.com/">http://www.babelgum.com/</a>
<b>Global ID</b>	L7:454
<b>ID</b>	1066
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BACNET

<b>Name/CLI Keyword</b>	bacnet
<b>Full Name</b>	Building Automation and Control Networks
<b>Description</b>	Building Automation and Control Networks (BACnet) is a communications protocol designed to allow communication of building automation and control systems for applications such as heating, ventilating, air-conditioning control, lighting control, access control, and fire detection systems and their associated equipment.
<b>Reference</b>	<a href="http://www.bacnet.org/">http://www.bacnet.org/</a>
<b>Global ID</b>	L4:47808
<b>ID</b>	1330
<b>Known Mappings</b>	
UDP Port	47808
TCP Port	47808
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BACKUP-SERVICE

<b>Name/CLI Keyword</b>	backup-service
<b>Full Name</b>	Backup Service
<b>Description</b>	Backup Software Services.
<b>Reference</b>	<a href="https://en.wikipedia.org/wiki/Backup_software">https://en.wikipedia.org/wiki/Backup_software</a>
<b>Global ID</b>	L7:1757
<b>ID</b>	1757
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	webex-group
<b>Business Relevance</b>	business-relevant
<b>Category</b>	backup-and-storage
<b>Sub Category</b>	enterprise-data-center-storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BAIDU-MOVIE

<b>Name/CLI Keyword</b>	baidu-movie
<b>Full Name</b>	Baidu Movie
<b>Description</b>	Baidu movie is an Internet TV web-based application popular in China.
<b>Reference</b>	<a href="http://video.baidu.com/">http://video.baidu.com/</a>
<b>Global ID</b>	L7:442
<b>ID</b>	1043
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic



# BANYAN-RPC

<b>Name/CLI Keyword</b>	banyan-rpc
<b>Full Name</b>	banyan-rpc
<b>Description</b>	Registered with IANA on port 567 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:567
<b>ID</b>	482
<b>Known Mappings</b>	
UDP Port	567
TCP Port	567
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	banyan-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BANYAN-VIP

<b>Name/CLI Keyword</b>	banyan-vip
<b>Full Name</b>	Banyan VIP
<b>Description</b>	Banyan VINES Internet Protocol. Banyan Virtual Integrated Network Service(VINES) was a computer network operating system and the set of computer network protocols it used to talk to client machines on the network. Banyan Systems ran as a collection of services on top of AT&T System 5 Unix, and based its core network protocols on the archetypical Xerox XNS stack.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Banyan_VINES#Protocol_Stack">http://en.wikipedia.org/wiki/Banyan_VINES#Protocol_Stack</a>
<b>Global ID</b>	L4:573
<b>ID</b>	487
<b>Known Mappings</b>	
UDP Port	573
TCP Port	573
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	banyan-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## BB

<b>Name/CLI Keyword</b>	bb
<b>Full Name</b>	Systems and network monitoring tool
<b>Description</b>	Big Brother (BB) is a tool for systems and network monitoring, generally used by system administrators. Big Brother produces HTML pages containing a simple matrix of hosts and tests with red and green dots to denote system status.
<b>Reference</b>	<a href="http://www.bb4.com/">http://www.bb4.com/</a>
<b>Global ID</b>	L4:1984
<b>ID</b>	1331
<b>Known Mappings</b>	
UDP Port	1984
TCP Port	1984
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BBNRCCMON

<b>Name/CLI Keyword</b>	bbnrccmon
<b>Full Name</b>	BBN RCC Monitoring
<b>Description</b>	Registered with IANA as IP Protocol 10
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:10
<b>ID</b>	765
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	10
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BDP

<b>Name/CLI Keyword</b>	bdp
<b>Full Name</b>	Multi-link Multi-node PPP Bundle Discovery Protocol
<b>Description</b>	The Bundle Discovery Protocol is used to determine where the Bundle Head is in a Multi-link PPP (MP) Link Control Protocol (LCP) phase. When a user dials into a Remote Access Server (RAS) and negotiates an MP connection in the LCP phase, the RAS must determine if a Bundle Head exists, and if not create it.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2701">http://tools.ietf.org/html/rfc2701</a>
<b>Global ID</b>	L4:581
<b>ID</b>	495
<b>Known Mappings</b>	
UDP Port	581
TCP Port	581
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BFTP

<b>Name/CLI Keyword</b>	bftp
<b>Full Name</b>	Background File Transfer Program
<b>Description</b>	Background File Transfer Program (BFTP) is a file transfer service that is built upon the third-party transfer model of FTP. It performs file transfer asynchronously and eliminates requirement for a human user to be directly involved at the time that a file transfer takes place.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1068">http://tools.ietf.org/html/rfc1068</a>
<b>Global ID</b>	L4:152
<b>ID</b>	992
<b>Known Mappings</b>	
UDP Port	152
TCP Port	152
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BGMP

<b>Name/CLI Keyword</b>	bgmp
<b>Full Name</b>	Border Gateway Multicast Protocol
<b>Description</b>	The Border Gateway Multicast Protocol (BGMP) is an IETF on-going project in an attempt to design a true inter-domain multicast routing protocol. BGMP should be able to scale in order to operate in the global Internet.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3913.txt">http://www.ietf.org/rfc/rfc3913.txt</a>
<b>Global ID</b>	L4:264
<b>ID</b>	1136
<b>Known Mappings</b>	
UDP Port	264
TCP Port	264
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BGP

<b>Name/CLI Keyword</b>	bgp
<b>Full Name</b>	Border Gateway Protocol
<b>Description</b>	Border Gateway Protocol (BGP) is a protocol designed to share network information (for example network reachability) between autonomous systems (AS). According to the information, the BGP routers build/modify their routing tables. The protocol was designed to replace the Exterior Gateway Protocol (EGP).
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4274">http://tools.ietf.org/html/rfc4274</a>
<b>Global ID</b>	L4:179
<b>ID</b>	11
<b>Known Mappings</b>	
UDP Port	179
TCP Port	179
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# BGS-NSI

<b>Name/CLI Keyword</b>	bgs-nsi
<b>Full Name</b>	bgs-nsi
<b>Description</b>	Registered with IANA on port 482 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:482
<b>ID</b>	396
<b>Known Mappings</b>	
UDP Port	482
TCP Port	482
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BHEVENT

<b>Name/CLI Keyword</b>	bhevent
<b>Full Name</b>	bhevent
<b>Description</b>	Registered with IANA on port 357 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:357
<b>ID</b>	273
<b>Known Mappings</b>	
UDP Port	357
TCP Port	357
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BHFHS

<b>Name/CLI Keyword</b>	bhfhs
<b>Full Name</b>	bhfhs
<b>Description</b>	Registered with IANA on port 248 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:248
<b>ID</b>	1128
<b>Known Mappings</b>	
UDP Port	248
TCP Port	248
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BHMDS

<b>Name/CLI Keyword</b>	bhmnds
<b>Full Name</b>	bhmnds
<b>Description</b>	Registered with IANA on port 310 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:310
<b>ID</b>	1150
<b>Known Mappings</b>	
UDP Port	310
TCP Port	310
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BINARY-OVER-HTTP

<b>Name/CLI Keyword</b>	binary-over-http
<b>Full Name</b>	Binary over HTTP
<b>Description</b>	Binary over HTTP represents the transfer of binary data (for example, executive and compressed files such as .exe, .zip, and .rar) over HTTP protocol.
<b>Reference</b>	
<b>Global ID</b>	L7:431
<b>ID</b>	121
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# BITTORRENT

<b>Name/CLI Keyword</b>	bittorrent
<b>Full Name</b>	BitTorrent
<b>Description</b>	BitTorrent is a p2p file sharing protocol used for distributing files over the internet. It identifies content by URL and is designed to integrate seamlessly with the web. The BitTorrent protocol is based on a BitTorrent tracker (server) that initializes the connections between the clients (peers).
<b>Reference</b>	<a href="http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html">http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html</a>
<b>Global ID</b>	L7:69
<b>ID</b>	69
<b>Known Mappings</b>	
UDP Port	3544,3545
TCP Port	80,1080,3544,6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	bittorrent-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,socks,bittorrent-networking,teredo-ipv6-tunneled,encrypted-bittorrent

# BITTORRENT-NETWORKING

<b>Name/CLI Keyword</b>	bittorrent-networking
<b>Full Name</b>	BitTorrent Networking
<b>Description</b>	BitTorrent Networking is the part of the BitTorrent protocol responsible for acquiring peers from the tracker, DHT network or any other means, and initiating data transfer sessions between the client and these peers.
<b>Reference</b>	<a href="http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html">http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html</a>
<b>Global ID</b>	L7:543
<b>ID</b>	1477
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	bittorrent-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-networking
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dht,bittorrent

# BL-IDM

<b>Name/CLI Keyword</b>	bl-idm
<b>Full Name</b>	Britton Lee IDM
<b>Description</b>	Britton Lee IDM is a protocol developed in the late 1980's as part of the Britton Lee company's relational database system.
<b>Reference</b>	<a href="http://archive.computerhistory.org/resources/access/text/2011/09/102685092-05-01_acc.pdf">http://archive.computerhistory.org/resources/access/text/2011/09/102685092-05-01_acc.pdf</a>
<b>Global ID</b>	L4:142
<b>ID</b>	935
<b>Known Mappings</b>	
UDP Port	142
TCP Port	142
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# BLIZWOW

<b>Name/CLI Keyword</b>	blizwow
<b>Full Name</b>	World of Warcraft
<b>Description</b>	World of warcraft is a massive multiplayer online role playing gaming protocol that was developed by Blizzard Entertainment.
<b>Reference</b>	<a href="http://eu.blizzard.com/en-gb/">http://eu.blizzard.com/en-gb/</a>
<b>Global ID</b>	L4:3724
<b>ID</b>	85
<b>Known Mappings</b>	
UDP Port	3724
TCP Port	3724
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BLOGGER

<b>Name/CLI Keyword</b>	blogger
<b>Full Name</b>	Blogger
<b>Description</b>	Blogger is a blog-publishing service that allows private or multi-user blogs. The blogs are hosted by Google at a sub domain of blogspot.com. It enables to create or edit new or existing blog and share it with viewers. in addition it enables features such as: label organization, drag-and-drop template editing interface, reading permissions for private blogs and more.
<b>Reference</b>	<a href="http://www.blogger.com/home">http://www.blogger.com/home</a>
<b>Global ID</b>	L7:525
<b>ID</b>	1461
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	social-networking
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BMPP

<b>Name/CLI Keyword</b>	bmpp
<b>Full Name</b>	bmpp
<b>Description</b>	BMPP is a protocol for identifying the bulk mail receipt preferences of an e-mail address, which allows bulk e-mailers to discover if a mailbox is willing to accept bulk email.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-rollo-bmpp-03">http://tools.ietf.org/html/draft-rollo-bmpp-03</a>
<b>Global ID</b>	L4:632
<b>ID</b>	541
<b>Known Mappings</b>	
UDP Port	632
TCP Port	632
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BNA

<b>Name/CLI Keyword</b>	bna
<b>Full Name</b>	BNA
<b>Description</b>	BNA is a software architecture and associated products that connect enterprise servers, V Series information hubs, CTOS workstations, and other devices so that the resources at one can be used at another. These resources include files, programs, and processors.
<b>Reference</b>	<a href="http://public.support.unisys.com/aseseries/docs/clearpath-mcp-13.1/pdf/37897014-207.pdf">http://public.support.unisys.com/aseseries/docs/clearpath-mcp-13.1/pdf/37897014-207.pdf</a>
<b>Global ID</b>	L3:49
<b>ID</b>	803
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	49
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BNET

<b>Name/CLI Keyword</b>	bnet
<b>Full Name</b>	BNet
<b>Description</b>	BNet, Registered with IANA on port 415 TCP/UDP.
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-namesport-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-namesport-numbers.xml</a>
<b>Global ID</b>	L4:415
<b>ID</b>	330
<b>Known Mappings</b>	
UDP Port	415
TCP Port	415
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## BORLAND-DSJ

<b>Name/CLI Keyword</b>	borland-dsj
<b>Full Name</b>	Borland DSJ
<b>Description</b>	Deployment Server for Java (DSJ) is a deployment service. It is a part of Jbuilder, an integrated development environment (IDE) for the programming language Java, originally developed by Borland Software Corporation.
<b>Reference</b>	<a href="http://edn.embarcadero.com/article/10158">http://edn.embarcadero.com/article/10158</a>
<b>Global ID</b>	L4:707
<b>ID</b>	611
<b>Known Mappings</b>	
UDP Port	707
TCP Port	707
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# BACKPAGE

<b>Name/CLI Keyword</b>	backpage
<b>Full Name</b>	Backpage.com
<b>Description</b>	Backpage.com - Free classified ads.
<b>Reference</b>	<a href="http://backpage.com">http://backpage.com</a>
<b>Global ID</b>	L7:760
<b>ID</b>	1690
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BAD00

<b>Name/CLI Keyword</b>	badoo
<b>Full Name</b>	Badoo
<b>Description</b>	Badoo - Social networking service.
<b>Reference</b>	<a href="http://badoo.com">http://badoo.com</a>
<b>Global ID</b>	L7:684
<b>ID</b>	1614
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# BANDCAMP-COM

<b>Name/CLI Keyword</b>	bandcamp-com
<b>Full Name</b>	Bandcamp
<b>Description</b>	Bandcamp - Explore online music posted by independent artists.
<b>Reference</b>	<a href="http://bandcamp.com">http://bandcamp.com</a>
<b>Global ID</b>	L7:638
<b>ID</b>	1567
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BANK-OF-AMERICA

<b>Name/CLI Keyword</b>	bank-of-america
<b>Full Name</b>	Bank of America
<b>Description</b>	Bank of America - Global financial services company.
<b>Reference</b>	<a href="http://bankofamerica.com">http://bankofamerica.com</a>
<b>Global ID</b>	L7:643
<b>ID</b>	1572
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BASECAMP

<b>Name/CLI Keyword</b>	basecamp
<b>Full Name</b>	Basecamp
<b>Description</b>	Basecamp - Web based project management tool.
<b>Reference</b>	<a href="http://basecamp.com">http://basecamp.com</a>
<b>Global ID</b>	L7:738
<b>ID</b>	1668
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BBC

<b>Name/CLI Keyword</b>	bbc
<b>Full Name</b>	BBC
<b>Description</b>	BBC - Web Portal for news update.
<b>Reference</b>	<a href="http://bbc.com">http://bbc.com</a>
<b>Global ID</b>	L7:621
<b>ID</b>	1464
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BILD-DE

<b>Name/CLI Keyword</b>	bild-de
<b>Full Name</b>	Bild.de
<b>Description</b>	Bild.de - Online edition of German tabloid.
<b>Reference</b>	<a href="http://bild.de">http://bild.de</a>
<b>Global ID</b>	L7:675
<b>ID</b>	1605
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BING

<b>Name/CLI Keyword</b>	bing
<b>Full Name</b>	Bing
<b>Description</b>	Bing - Microsofts internet search engine.
<b>Reference</b>	<a href="http://bing.com">http://bing.com</a>
<b>Global ID</b>	L7:465
<b>ID</b>	258
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BITBUCKET

<b>Name/CLI Keyword</b>	bitbucket
<b>Full Name</b>	Bitbucket
<b>Description</b>	Bitbucket - Source code hosting site.
<b>Reference</b>	<a href="http://bitbucket.org">http://bitbucket.org</a>
<b>Global ID</b>	L7:746
<b>ID</b>	1676
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BITLY

<b>Name/CLI Keyword</b>	bitly
<b>Full Name</b>	bitly
<b>Description</b>	bitly - Web portal for bookmarking and sharing links.
<b>Reference</b>	<a href="http://bitly.com">http://bitly.com</a>
<b>Global ID</b>	L7:693
<b>ID</b>	1623
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# BLACKBOARD-COM

<b>Name/CLI Keyword</b>	blackboard-com
<b>Full Name</b>	Blackboard
<b>Description</b>	Blackboard - Online course management system.
<b>Reference</b>	<a href="http://blackboard.com">http://blackboard.com</a>
<b>Global ID</b>	L7:747
<b>ID</b>	1677
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BLAZE-NEWS

<b>Name/CLI Keyword</b>	blaze-news
<b>Full Name</b>	The Blaze
<b>Description</b>	The Blaze - News and Opinion website.
<b>Reference</b>	<a href="http://theblaze.com">http://theblaze.com</a>
<b>Global ID</b>	L7:773
<b>ID</b>	1703
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BLEACHER-REPORT

<b>Name/CLI Keyword</b>	bleacher-report
<b>Full Name</b>	Bleacher Report
<b>Description</b>	Bleacher Report - Web Portal for Sports news update
<b>Reference</b>	<a href="http://bleacherreport.com">http://bleacherreport.com</a>
<b>Global ID</b>	L7:676
<b>ID</b>	1606
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BLUEHOST

<b>Name/CLI Keyword</b>	bluehost
<b>Full Name</b>	Bluehost
<b>Description</b>	Bluehost - Web hosting portal.
<b>Reference</b>	<a href="http://bluehost.com">http://bluehost.com</a>
<b>Global ID</b>	L7:750
<b>ID</b>	1680
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BUFFER-COM

<b>Name/CLI Keyword</b>	buffer-com
<b>Full Name</b>	Buffer
<b>Description</b>	Buffer - App to share web pages with social media.
<b>Reference</b>	<a href="http://bufferapp.com">http://bufferapp.com</a>
<b>Global ID</b>	L7:796
<b>ID</b>	1724
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BUSINESS-INSIDER

<b>Name/CLI Keyword</b>	business-insider
<b>Full Name</b>	Business Insider
<b>Description</b>	Business Insider - Online news web portal.
<b>Reference</b>	<a href="http://businessinsider.com">http://businessinsider.com</a>
<b>Global ID</b>	L7:653
<b>ID</b>	1582
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# BUZZFEED

<b>Name/CLI Keyword</b>	buzzfeed
<b>Full Name</b>	BuzzFeed
<b>Description</b>	BuzzFeed - News portal.
<b>Reference</b>	<a href="http://buzzfed.com">http://buzzfed.com</a>
<b>Global ID</b>	L7:626
<b>ID</b>	1555
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic







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# CABLEPORT-AX

<b>Name/CLI Keyword</b>	cablport-ax
<b>Full Name</b>	Cable Port A/X
<b>Description</b>	Registered with IANA on port 282 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:282
<b>ID</b>	1143
<b>Known Mappings</b>	
UDP Port	282
TCP Port	282
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CAB-PROTOCOL

<b>Name/CLI Keyword</b>	cab-protocol
<b>Full Name</b>	CAB Protocol
<b>Description</b>	CAB Protocol provides a real estate developer and/or a facility manager with a suite of standardized methods for exchanging real-time data between building automation systems.
<b>Reference</b>	<a href="http://tech-env.com/cab.html">http://tech-env.com/cab.html</a>
<b>Global ID</b>	L4:595
<b>ID</b>	509
<b>Known Mappings</b>	
UDP Port	595
TCP Port	595
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CADLOCK

<b>Name/CLI Keyword</b>	cadlock
<b>Full Name</b>	CadLock
<b>Description</b>	Cadlock is used to access AutoCad drawings protected by CadVault, a CadLock Incorporated product for digital rights management of graphical and non-graphical elements within AutoCAD drawing files.
<b>Reference</b>	<a href="http://www.cadlock.com/">http://www.cadlock.com/</a>
<b>Global ID</b>	L4:770
<b>ID</b>	640
<b>Known Mappings</b>	
UDP Port	770
TCP Port	770
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CAILIC

<b>Name/CLI Keyword</b>	cailic
<b>Full Name</b>	cailic
<b>Description</b>	Computer Associates Intl License Server
<b>Reference</b>	-
<b>Global ID</b>	L4:216
<b>ID</b>	1113
<b>Known Mappings</b>	
UDP Port	216
TCP Port	216
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	license-manager
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CALL-OF-DUTY

<b>Name/CLI Keyword</b>	call-of-duty
<b>Full Name</b>	Call of Duty
<b>Description</b>	Call of Duty is a first-person and third-person shooter video game series franchise. The series began on the PC, and later expanded to consoles and handhelds. The Call of Duty games are published and owned by Activision. Users can play together online.
<b>Reference</b>	<a href="http://www.callofduty.com/">http://www.callofduty.com/</a>
<b>Global ID</b>	L4:20500
<b>ID</b>	1377
<b>Known Mappings</b>	
UDP Port	20500
TCP Port	20500,20510,28960
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CAPWAP-CONTROL

<b>Name/CLI Keyword</b>	capwap-control
<b>Full Name</b>	Control And Provisioning of Wireless Access Points Control Protocol
<b>Description</b>	Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP control represents the control traffic passed from the WTP to AC or vice versa.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5415">http://tools.ietf.org/html/rfc5415</a>
<b>Global ID</b>	L4:5246
<b>ID</b>	1221
<b>Known Mappings</b>	
UDP Port	5246
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	capwap-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# CAPWAP-DATA

<b>Name/CLI Keyword</b>	capwap-data
<b>Full Name</b>	Control And Provisioning of Wireless Access Points Data Protocol
<b>Description</b>	Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP data represents the data traffic passed from the WTP to AC or vice versa.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5415">http://tools.ietf.org/html/rfc5415</a>
<b>Global ID</b>	L4:5247
<b>ID</b>	1325
<b>Known Mappings</b>	
UDP Port	5246,5247
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	capwap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# CBT

<b>Name/CLI Keyword</b>	cbt
<b>Full Name</b>	Core-Based Trees
<b>Description</b>	The Core-Based Trees protocol (CBT) is designed to build and maintain a shared multicast distribution tree that spans only those networks and links leading to interested receivers. CBT builds a shared multicast distribution tree per group, and is suited for inter- and intra-domain multicast routing. CBT may use a separate multicast routing table, or it may use that of an underlying unicast routing table, to establish paths between senders and receivers.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2189.txt">http://www.ietf.org/rfc/rfc2189.txt</a>
<b>Global ID</b>	L3:7
<b>ID</b>	762
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	7
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CDC

<b>Name/CLI Keyword</b>	cdc
<b>Full Name</b>	Certificate Distribution Center
<b>Description</b>	Registered with IANA on port 223 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:223
<b>ID</b>	1120
<b>Known Mappings</b>	
UDP Port	223
TCP Port	223
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CDDBP-ALT

<b>Name/CLI Keyword</b>	cddbp-alt
<b>Full Name</b>	Compact Disc DataBase Protocol
<b>Description</b>	Compact Disc Database (CDDDB) is a database for software applications to look up audio CD (compact disc) information over the Internet. This is performed by a client which calculates a (nearly) unique disc ID and then queries the database. As a result, the client is able to display the artist name, CD title, track list and some additional information.
<b>Reference</b>	<a href="http://ftp.freedb.org/pub/freedb/latest/CDDBPROTO">http://ftp.freedb.org/pub/freedb/latest/CDDBPROTO</a>
<b>Global ID</b>	L4:8880
<b>ID</b>	1378
<b>Known Mappings</b>	
UDP Port	8880
TCP Port	8880
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CFDPTKT

<b>Name/CLI Keyword</b>	cfdpkt
<b>Full Name</b>	Coherent File Distribution Protocol
<b>Description</b>	The Coherent File Distribution Protocol (CFDP) has been designed to speed up one-to-many file transfer operations that exhibit traffic coherence on media with broadcast capability. Examples of such coherent file transfers are identical diskless workstations booting simultaneously, software upgrades being distributed to more than one machines at a site, a certain "object" (bitmap, graph, plain text, etc.) that is being discussed in a real-time electronic conference or class being sent to all participants, and so on. A CFDP client that wants to receive a file first contacts a server to acquire a "ticket" for the file in question. This server could be a suitably modified BOOTP server, the equivalent of the tftpd daemon, etc. The server responds with a 32-bit ticket that will be used in the actual file transfers.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1235">http://tools.ietf.org/html/rfc1235</a>
<b>Global ID</b>	L4:120
<b>ID</b>	989
<b>Known Mappings</b>	
UDP Port	120
TCP Port	120
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CFTP

<b>Name/CLI Keyword</b>	cftp
<b>Full Name</b>	cFTP
<b>Description</b>	Clients-Oriented File Transfer Protocol (cFTP) is a client-oriented PHP-based file transfer protocol that allows the user to create a repository to send/receive files with multiple clients. The user can create multiple clients accounts with a very easy to use front end, and upload an unlimited number of files under each account, with the ability to add a title and description to each one.
<b>Reference</b>	<a href="http://blog.dreamcss.com/dev-tools/cftp-clients-oriented-file-transfer-protocol-ftp/">http://blog.dreamcss.com/dev-tools/cftp-clients-oriented-file-transfer-protocol-ftp/</a>
<b>Global ID</b>	L3:62
<b>ID</b>	816
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	62
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CHAOS

<b>Name/CLI Keyword</b>	chaos
<b>Full Name</b>	CHAOSNet
<b>Description</b>	CHAOSNet is one of the earliest local area network hardware implementations. The Chaosnet protocol implementation was over CATV coaxial cable modeled on the early Xerox PARC 3 megabit/second Ethernet, over ARPANET, and over Transmission Control Protocol (TCP).
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/CHAOSnet">http://en.wikipedia.org/wiki/CHAOSnet</a>
<b>Global ID</b>	L3:16
<b>ID</b>	771
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	16
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CHARGEN

<b>Name/CLI Keyword</b>	chargen
<b>Full Name</b>	Character Generator
<b>Description</b>	The Character Generator Protocol (CHARGEN) is a service of the Internet Protocol Suite. It is intended for testing, debugging, and measurement purposes.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc864.txt">http://www.ietf.org/rfc/rfc864.txt</a>
<b>Global ID</b>	L4:19
<b>ID</b>	104
<b>Known Mappings</b>	
UDP Port	19
TCP Port	19
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# CHECKPOINT-CPMI

<b>Name/CLI Keyword</b>	checkpoint-cpmi
<b>Full Name</b>	Checkpoint CPMI
<b>Description</b>	Check Point Management Interface (CPMI) is a proprietary protocol of Check Point Software Technologies. CPMI provides security services for their VPN-1 virtual private network/firewall software. The protocol contributes to Check Point Software's Open Platform for Security (OPSEC), which is a framework for network security. Typically CPMI uses TCP port 18190 as default.
<b>Reference</b>	<a href="http://read.pudn.com/downloads142/doc/614417/CPMI.pdf">http://read.pudn.com/downloads142/doc/614417/CPMI.pdf</a>
<b>Global ID</b>	L4:18190
<b>ID</b>	1332
<b>Known Mappings</b>	
UDP Port	
TCP Port	18190
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CHSHELL

<b>Name/CLI Keyword</b>	chshell
<b>Full Name</b>	Chshell
<b>Description</b>	Registered with IANA on port 562 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:562
<b>ID</b>	477
<b>Known Mappings</b>	
UDP Port	562
TCP Port	562
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CIFS

<b>Name/CLI Keyword</b>	cifs
<b>Full Name</b>	Common Internet File System
<b>Description</b>	Common Internet File System (CIFS) is a standard protocol that allows users to share files across intranets and the internet. It is cross platform since it works in Windows OS and is also supported in MAC OS and Linux OS. CIFS protocol defines a remote file system protocol. It is implemented over TCP/IP and utilizes the DNS for scalability and is using Microsoft NetBIOS protocol. The protocols origin is from Microsofts SMB protocol group.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc939973.aspx">http://technet.microsoft.com/en-us/library/cc939973.aspx</a>
<b>Global ID</b>	L7:80
<b>ID</b>	80
<b>Known Mappings</b>	
UDP Port	-
TCP Port	139,445
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CIMPLEX

<b>Name/CLI Keyword</b>	cimplex
<b>Full Name</b>	CIMPLEX
<b>Description</b>	Registered with IANA on port 673 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:673
<b>ID</b>	581
<b>Known Mappings</b>	
UDP Port	673
TCP Port	673
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CISCO-FNA

<b>Name/CLI Keyword</b>	cisco-fna
<b>Full Name</b>	Cisco FNATIVE
<b>Description</b>	Cisco FNATIVE, Registered with IANA on port 130 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:130
<b>ID</b>	999
<b>Known Mappings</b>	
UDP Port	130
TCP Port	130
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CISCO-IP-CAMERA

<b>Name/CLI Keyword</b>	cisco-ip-camera
<b>Full Name</b>	Cisco IP Camera
<b>Description</b>	The Cisco Video Surveillance Solution relies on an IP network infrastructure to link all components. The designs of a highly available hierarchical network have been proven and tested for many years and allow applications to converge on an intelligent and resilient infrastructure.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/products/ps6712/index.html">http://www.cisco.com/en/US/products/ps6712/index.html</a>
<b>Global ID</b>	L7:456
<b>ID</b>	1315
<b>Known Mappings</b>	
UDP Port	-
TCP Port	554,8554
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	broadcast-video. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtsp

# CISCO-JABBER-AUDIO

<b>Name/CLI Keyword</b>	cisco-jabber-audio
<b>Full Name</b>	Cisco Jabber Audio
<b>Description</b>	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the audio calls part of Cisco Jabber.
<b>Reference</b>	<a href="http://www.cisco.com/web/products/voice/jabber.html">http://www.cisco.com/web/products/voice/jabber.html</a>
<b>Global ID</b>	L7:558
<b>ID</b>	1494
<b>Known Mappings</b>	
UDP Port	143,220, 5060
TCP Port	143,220,5060
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	cisco-jabber-group
<b>Category</b>	voice-and-video
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	imap,rtp,sip,cisco-jabber-control

# CISCO-JABBER-CONTROL

<b>Name/CLI Keyword</b>	cisco-jabber-control
<b>Full Name</b>	Cisco Jabber Control
<b>Description</b>	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the control and signaling part of Cisco Jabber.
<b>Reference</b>	<a href="http://www.cisco.com/web/products/voice/jabber.html">http://www.cisco.com/web/products/voice/jabber.html</a>
<b>Global ID</b>	L7:556
<b>ID</b>	1498
<b>Known Mappings</b>	
UDP Port	53,5060,5353
TCP Port	53,80,443,5060,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	cisco-jabber-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtcp,sip,ssl,http,dns,quic



# CISCO-JABBER-IM

<b>Name/CLI Keyword</b>	cisco-jabber-im
<b>Full Name</b>	Cisco Jabber IM
<b>Description</b>	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the Text Messaging part of Cisco Jabber.
<b>Reference</b>	<a href="http://www.cisco.com/web/products/voice/jabber.html">http://www.cisco.com/web/products/voice/jabber.html</a>
<b>Global ID</b>	L7:557
<b>ID</b>	1493
<b>Known Mappings</b>	
UDP Port	53,5222,5353
TCP Port	53,80,443,5222,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	cisco-jabber-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,xmpp-client,http,dns,quic

# CISCO-JABBER-VIDEO

<b>Name/CLI Keyword</b>	cisco-jabber-video
<b>Full Name</b>	Cisco Jabber Video
<b>Description</b>	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the video calls part of Cisco Jabber.
<b>Reference</b>	<a href="http://www.cisco.com/web/products/voice/jabber.html">http://www.cisco.com/web/products/voice/jabber.html</a>
<b>Global ID</b>	L7:561
<b>ID</b>	1495
<b>Known Mappings</b>	
UDP Port	5060
TCP Port	5060
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	cisco-jabber-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtp,sip,cisco-jabber-control

# CISCO-NAC

<b>Name/CLI Keyword</b>	cisco-nac
<b>Full Name</b>	Cisco NAC
<b>Description</b>	Cisco Network Admission Control (NAC) is a system that provides integrated network security solutions. It offers authentication and authorization of wired, wireless, and VPN users and devices (access control), end-point security policies, simple guest access control, audit and information logging of network activity. Typically NAC uses UDP ports 8905 and 8906.
<b>Reference</b>	<a href="http://www.cisco.com/go/nac">http://www.cisco.com/go/nac</a>
<b>Global ID</b>	L4:8905
<b>ID</b>	1334
<b>Known Mappings</b>	
UDP Port	8905,8906
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	internet-privacy
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CISCO-PHONE

<b>Name/CLI Keyword</b>	cisco-phone
<b>Full Name</b>	Cisco Phone
<b>Description</b>	Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/products/voice/vps6788/phones/ps379/ps1854/product_data_sheet09186a0080884.html">http://www.cisco.com/en/US/products/voice/vps6788/phones/ps379/ps1854/product_data_sheet09186a0080884.html</a>
<b>Global ID</b>	L7:81
<b>ID</b>	81
<b>Known Mappings</b>	
UDP Port	5060
TCP Port	2000,2001,2002,5060
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	cisco-phone-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,sip,skinny

# CISCO-SYS

<b>Name/CLI Keyword</b>	cisco-sys
<b>Full Name</b>	Cisco SYSMANT
<b>Description</b>	Cisco SYSMANT, Registered with IANA on port 132 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:132
<b>ID</b>	1161
<b>Known Mappings</b>	
UDP Port	132
TCP Port	132
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CISCO-TDP

<b>Name/CLI Keyword</b>	cisco-tdp
<b>Full Name</b>	Tag Distribution Protocol
<b>Description</b>	Tag Distribution Protocol (TDP) is a two party protocol that runs over a connection oriented transport layer with guaranteed sequential delivery. Tag Switching Routers use TDP to communicate tag binding information to their peers. TDP supports multiple network layer protocols including but not limited to IPv4, IPv6, IPX and AppleTalk.
<b>Reference</b>	<a href="http://tools.ietf.org/id/draft-doolan-tdp-spec-00">http://tools.ietf.org/id/draft-doolan-tdp-spec-00</a>
<b>Global ID</b>	L4:711
<b>ID</b>	614
<b>Known Mappings</b>	
UDP Port	711
TCP Port	711
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CISCO-TNA

<b>Name/CLI Keyword</b>	cisco-tna
<b>Full Name</b>	Cisco TNATIVE
<b>Description</b>	Cisco TNATIVE, registered with IANA on port 131 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:131
<b>ID</b>	1160
<b>Known Mappings</b>	
UDP Port	131
TCP Port	131
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CITRIX-STATIC

<b>Name/CLI Keyword</b>	citrix-static
<b>Full Name</b>	Citrix Static
<b>Description</b>	Citrix is an application that mediates users remotely to their corporate applications. ICA: Independed Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers.CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol.As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS.IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection
<b>Reference</b>	<a href="http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf">http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf</a>
<b>Global ID</b>	L4:1604
<b>ID</b>	1433
<b>Known Mappings</b>	
UDP Port	1604,2512,2513
TCP Port	1494,1604,2512,2513,2598
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# CITRIX

<b>Name/CLI Keyword</b>	citrix
<b>Full Name</b>	Citrix
<b>Description</b>	Citrix is an application that mediates users remotely to their corporate applications. ICA: Independed Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers. CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol. As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS. IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection.
<b>Reference</b>	<a href="http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf">http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf</a>
<b>Global ID</b>	L7:56
<b>ID</b>	56
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,1494,2598,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# CLEARCASE

<b>Name/CLI Keyword</b>	clearcase
<b>Full Name</b>	Rational ClearCase
<b>Description</b>	Rational ClearCase is a software configuration management system that provides version control, workspace management, parallel development support and build auditing.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/awdtools/clearcase/">http://www-01.ibm.com/software/awdtools/clearcase/</a>
<b>Global ID</b>	L4:371
<b>ID</b>	91
<b>Known Mappings</b>	
UDP Port	111,371,2049
TCP Port	111,371,2049
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	sunrpc

# CLOANTO-NET-1

<b>Name/CLI Keyword</b>	cloanto-net-1
<b>Full Name</b>	Cloanto Net 1
<b>Description</b>	Cloanto is a service developed by the Cloanto Corporation for use in the company's software components for electronic marketing, publishing, commerce and internationalization.
<b>Reference</b>	<a href="http://www.cloanto.com/">http://www.cloanto.com/</a>
<b>Global ID</b>	L4:356
<b>ID</b>	272
<b>Known Mappings</b>	
UDP Port	356
TCP Port	356
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	license-manager
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CMIP-AGENT

<b>Name/CLI Keyword</b>	cmip-agent
<b>Full Name</b>	CMIP/TCP Agent
<b>Description</b>	The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Common_Management_Information_Protocol">http://en.wikipedia.org/wiki/Common_Management_Information_Protocol</a>
<b>Global ID</b>	L4:164
<b>ID</b>	1009
<b>Known Mappings</b>	
UDP Port	164
TCP Port	164
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CMIP-MAN

<b>Name/CLI Keyword</b>	cmip-man
<b>Full Name</b>	CMIP/TCP Manager
<b>Description</b>	The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Common_Management_Information_Protocol">http://en.wikipedia.org/wiki/Common_Management_Information_Protocol</a>
<b>Global ID</b>	L4:163
<b>ID</b>	1008
<b>Known Mappings</b>	
UDP Port	163
TCP Port	163
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COAUTHOR

<b>Name/CLI Keyword</b>	coauthor
<b>Full Name</b>	Oracle coauthor
<b>Description</b>	Registered with IANA on port 1529 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:1529
<b>ID</b>	693
<b>Known Mappings</b>	
UDP Port	1529
TCP Port	1529
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CODAAUTH2

<b>Name/CLI Keyword</b>	codaauth2
<b>Full Name</b>	Coda authentication server
<b>Description</b>	Coda Authentication Server represents the authentication procedure, as part of Coda, a distributed file system.
<b>Reference</b>	<a href="http://www.coda.cs.cmu.edu/">http://www.coda.cs.cmu.edu/</a>
<b>Global ID</b>	L4:370
<b>ID</b>	286
<b>Known Mappings</b>	
UDP Port	370
TCP Port	370
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COLLABORATOR

<b>Name/CLI Keyword</b>	collaborator
<b>Full Name</b>	Collaborator
<b>Description</b>	Registered with IANA on port 622 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:622
<b>ID</b>	531
<b>Known Mappings</b>	
UDP Port	622
TCP Port	622
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# COMMERCE

<b>Name/CLI Keyword</b>	commerce
<b>Full Name</b>	Commerce
<b>Description</b>	Registered with IANA on port 542 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:542
<b>ID</b>	460
<b>Known Mappings</b>	
UDP Port	542
TCP Port	542
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COMPAQ-PEER

<b>Name/CLI Keyword</b>	compaq-peer
<b>Full Name</b>	Compaq-Peer Protocol
<b>Description</b>	Compaq-Peer Protocol is a specific proprietary protocol used by HP to set up peer-to-peer networks within a network infrastructure.
<b>Reference</b>	<a href="http://www.compaq.com/info/SP5108/SP5108PF.PDF">http://www.compaq.com/info/SP5108/SP5108PF.PDF</a>
<b>Global ID</b>	L3:110
<b>ID</b>	864
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	110
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COMPRESSNET

<b>Name/CLI Keyword</b>	compressnet
<b>Full Name</b>	Management Utility
<b>Description</b>	Registered with IANA on port 2 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:2
<b>ID</b>	900
<b>Known Mappings</b>	
UDP Port	2
TCP Port	2
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-management. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COMSCM

<b>Name/CLI Keyword</b>	comscm
<b>Full Name</b>	comscm
<b>Description</b>	Registered with IANA on port 437 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:437
<b>ID</b>	352
<b>Known Mappings</b>	
UDP Port	437
TCP Port	437
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CON

<b>Name/CLI Keyword</b>	con
<b>Full Name</b>	con
<b>Description</b>	Registered with IANA on port 759 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:759
<b>ID</b>	631
<b>Known Mappings</b>	
UDP Port	759
TCP Port	759
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CONFERENCE

<b>Name/CLI Keyword</b>	conference
<b>Full Name</b>	Chat
<b>Description</b>	Registered with IANA on port 531 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:531
<b>ID</b>	449
<b>Known Mappings</b>	
UDP Port	531
TCP Port	531
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CONNENDP

<b>Name/CLI Keyword</b>	connendp
<b>Full Name</b>	Almanid Connection Endpoint
<b>Description</b>	Almanid Connection Endpoint (connendp) is a common module that serves the Almanid IdentityProtector. IdentityProtector is a backup product for Novell Directory Services and Novell eDirectory.
<b>Reference</b>	<a href="http://www.almanid.com/en/products/identityprotector/index.html">http://www.almanid.com/en/products/identityprotector/index.html</a>
<b>Global ID</b>	L4:693
<b>ID</b>	601
<b>Known Mappings</b>	
UDP Port	693
TCP Port	693
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CONSUMER-CLOUD-STORAGE

<b>Name/CLI Keyword</b>	consumer-cloud-storage
<b>Full Name</b>	Consumer Cloud Storage
<b>Description</b>	The Consumer Cloud Storage protocol gathers the leading websites on the internet that offer cloud storage services, mainly for media consumers, such as PutLocker, Rapidshare, box and more.
<b>Reference</b>	<a href="http://www.rapidshare.com/">http://www.rapidshare.com/</a> , <a href="http://www.easysshare.com/">http://www.easysshare.com/</a> , <a href="http://www.megashare.com/">http://www.megashare.com/</a> , <a href="http://ultrashare.net/">http://ultrashare.net/</a> , <a href="http://www.firefactory.com/">http://www.firefactory.com/</a> , <a href="http://www.filefront.com/">http://www.filefront.com/</a> , <a href="http://www.massmirror.com/">http://www.massmirror.com/</a> , <a href="http://www.filer.net/">http://www.filer.net/</a> , <a href="http://www.upload.com/">http://www.upload.com/</a> , <a href="http://www.download.com/">http://www.download.com/</a> , <a href="http://www.thepiratebay.org/">http://www.thepiratebay.org/</a> , <a href="http://www.torrentz.com/">http://www.torrentz.com/</a> , <a href="http://www.filestube.com/">http://www.filestube.com/</a> , <a href="http://www.4shared.com/">http://www.4shared.com/</a> , <a href="http://www.hotfile.com/">http://www.hotfile.com/</a> , <a href="http://www.zshares.net/">http://www.zshares.net/</a> , <a href="http://www.mediafire.com/">http://www.mediafire.com/</a> , <a href="http://www.easynews.com/">http://www.easynews.com/</a> , <a href="http://www.box.com/">http://www.box.com/</a> , <a href="http://www.putlocker.com/">http://www.putlocker.com/</a> , <a href="http://www.clouddrive.com">http://www.clouddrive.com</a>
<b>Global ID</b>	L7:582
<b>ID</b>	1521
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-file-sharing
<b>Sub Category</b>	consumer-cloud-storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic



# CONTENTSERVER

<b>Name/CLI Keyword</b>	contentserver
<b>Full Name</b>	contentserver
<b>Description</b>	ContentServer is a Frontier 6 application that allows members of a website team to contribute to a Frontier-managed site, even if they don't use Frontier.
<b>Reference</b>	<a href="http://contentserver.userland.com/">http://contentserver.userland.com/</a>
<b>Global ID</b>	L4:3365
<b>ID</b>	369
<b>Known Mappings</b>	
UDP Port	3365
TCP Port	3365
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COOLTALK

<b>Name/CLI Keyword</b>	cooltalk
<b>Full Name</b>	Internet telephony tool
<b>Description</b>	An earlier set of data conferencing and telephony extensions for Netscape Navigator from Netscape. It included an Internet phone, chat window, whiteboard and application sharing.
<b>Reference</b>	<a href="http://besser.tsoa.nyu.edu/impact/f96/Reviews/djiang/">http://besser.tsoa.nyu.edu/impact/f96/Reviews/djiang/</a>
<b>Global ID</b>	L4:6499
<b>ID</b>	1335
<b>Known Mappings</b>	
UDP Port	
TCP Port	6499
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CORBA-IIOP

<b>Name/CLI Keyword</b>	corba-iiop
<b>Full Name</b>	CORBA Internet Inter-ORB Protocol
<b>Description</b>	The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. IIOP focuses on interoperability of distributed objects in heterogeneous environments. CORBA enables an application's components to communicate without regard for their locations on a network. A CORBA-compliant object is guaranteed to be able to communicate with other distributed objects because the technology defines a common interface.
<b>Reference</b>	<a href="http://cyberobject.com/co/whitepaper/Corba_IIOP.PDF">http://cyberobject.com/co/whitepaper/Corba_IIOP.PDF</a>
<b>Global ID</b>	L4:683
<b>ID</b>	111
<b>Known Mappings</b>	
UDP Port	683
TCP Port	683
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CORBA-IIOP-SSL

<b>Name/CLI Keyword</b>	corba-iop-ssl
<b>Full Name</b>	Secure CORBA Internet Inter-ORB Protocol
<b>Description</b>	The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. secure cobra-iop is working over SSL protocol , register in IANA on port 684.
<b>Reference</b>	<a href="http://www.opengroup.org/infosrv/Brand/SPS_pdf/X01OB.pdf">http://www.opengroup.org/infosrv/Brand/SPS_pdf/X01OB.pdf</a>
<b>Global ID</b>	L4:684
<b>ID</b>	592
<b>Known Mappings</b>	
UDP Port	684
TCP Port	684
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# CORERJD

<b>Name/CLI Keyword</b>	corerjd
<b>Full Name</b>	Corejrd
<b>Description</b>	Registered with IANA on port 284 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:284
<b>ID</b>	1145
<b>Known Mappings</b>	
UDP Port	284
TCP Port	284
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COURIER

<b>Name/CLI Keyword</b>	courier
<b>Full Name</b>	Courier Mail Server
<b>Description</b>	Courier Mail Server is a mail transfer agent (MTA) server that provides ESMTTP, IMAP, POP3, SMAP, webmail, and mailing list services with individual components. It is best known for its IMAP server component. Individual components can be enabled or disabled at will. The Courier Mail Server implements basic web-based calendaring and scheduling services integrated in the webmail module.
<b>Reference</b>	<a href="http://www.courier-mta.org/">http://www.courier-mta.org/</a>
<b>Global ID</b>	L4:530
<b>ID</b>	448
<b>Known Mappings</b>	
UDP Port	530
TCP Port	530
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# COVIA

<b>Name/CLI Keyword</b>	covia
<b>Full Name</b>	Communications Integrator
<b>Description</b>	Covia is used mainly by emergency response teams and the military to enable audio, video, data and other types of communication between multiple systems and devices running different operating systems.
<b>Reference</b>	<a href="http://www.covialabs.com">http://www.covialabs.com</a>
<b>Global ID</b>	L4:64
<b>ID</b>	941
<b>Known Mappings</b>	
UDP Port	64
TCP Port	64
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CPHB

<b>Name/CLI Keyword</b>	cphb
<b>Full Name</b>	Computer Protocol Heart Beat
<b>Description</b>	Registered with IANA as IP Protocol 73
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:73
<b>ID</b>	827
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	73
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# CPNX

<b>Name/CLI Keyword</b>	cpnx
<b>Full Name</b>	Computer Protocol Network Executive
<b>Description</b>	Registered with IANA as IP Protocol 72
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:72
<b>ID</b>	826
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	72
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CPQ-WBEM

<b>Name/CLI Keyword</b>	cpq-wbem
<b>Full Name</b>	Compaq Insight Manager Service
<b>Description</b>	Compaq Insight Manager Service (cpq-wbem) is a service used by the Compaq Insight Manager software. In 2002 Compaq was acquired by HP, and the Insight Manager software is now known as HP Insight Control.
<b>Reference</b>	<a href="http://h18000.www1.hp.com/products/servers/management/index.html">http://h18000.www1.hp.com/products/servers/management/index.html</a>
<b>Global ID</b>	L4:2301
<b>ID</b>	1336
<b>Known Mappings</b>	
UDP Port	2301
TCP Port	2301
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CREATIVEPARTNR

<b>Name/CLI Keyword</b>	creativepartnr
<b>Full Name</b>	Creative Partner
<b>Description</b>	Registered with IANA on port 455 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:455
<b>ID</b>	370
<b>Known Mappings</b>	
UDP Port	455
TCP Port	455
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CREATIVESERVER

<b>Name/CLI Keyword</b>	creativeserver
<b>Full Name</b>	Creative Server
<b>Description</b>	Registered with IANA on port 453 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:453
<b>ID</b>	368
<b>Known Mappings</b>	
UDP Port	453
TCP Port	453
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CRS

<b>Name/CLI Keyword</b>	crs
<b>Full Name</b>	Microsoft Content Replication System
<b>Description</b>	Registered with IANA on port 507 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:507
<b>ID</b>	421
<b>Known Mappings</b>	
UDP Port	507
TCP Port	507
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CRTP

<b>Name/CLI Keyword</b>	crtp
<b>Full Name</b>	Combat Radio Transport Protocol
<b>Description</b>	Combat Radio Transport Protocol transports the combat radio's data through in an internet network.
<b>Reference</b>	<a href="http://www.springerlink.com/content/a761662632006m51/fulltext.pdf">http://www.springerlink.com/content/a761662632006m51/fulltext.pdf</a>
<b>Global ID</b>	L3:126
<b>ID</b>	880
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	126
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CRUDP

<b>Name/CLI Keyword</b>	crudp
<b>Full Name</b>	Combat Radio User Datagram
<b>Description</b>	Registered with IANA as IP Protocol 127
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:127
<b>ID</b>	1225
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	127
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CRYPTOADMIN

<b>Name/CLI Keyword</b>	cryptoadmin
<b>Full Name</b>	CRYPTOAdmin
<b>Description</b>	CRYPTOAdmin a remote authentication solution, enabling its users to access a remote enterprise's LAN. The solution is built of two parts: the CRYPTOAdmin authentication server and CRYPTOCARD tokens and smartcards. Together, these provide strongly secured access to a remote enterprise network.
<b>Reference</b>	<a href="http://www.cryptocard.com/">http://www.cryptocard.com/</a>
<b>Global ID</b>	L4:624
<b>ID</b>	533
<b>Known Mappings</b>	
UDP Port	624
TCP Port	624
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# CSI-SGWP

<b>Name/CLI Keyword</b>	csi-sgwp
<b>Full Name</b>	Cabletron Management Protocol
<b>Description</b>	Registered with IANA on port 348 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:348
<b>ID</b>	915
<b>Known Mappings</b>	
UDP Port	348
TCP Port	348
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CSNET-NS

<b>Name/CLI Keyword</b>	csnet-ns
<b>Full Name</b>	CSNET Mailbox Name Nameserver
<b>Description</b>	The Computer Science Network (CSNET) was a computer network that began operation in 1981 in the United States. Its purpose was to extend networking benefits for computer science departments at academic and research institutions that could not be directly connected to ARPANET, due to funding or authorization limitations. The CSNET name service allowed manual and automated email address lookup based on various user attributes, such as name, title, or institution.
<b>Reference</b>	<a href="http://www.isoc.org/internet/history/documents/Comm83.pdf">http://www.isoc.org/internet/history/documents/Comm83.pdf</a>
<b>Global ID</b>	L4:105
<b>ID</b>	976
<b>Known Mappings</b>	
UDP Port	105
TCP Port	105
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CTF

<b>Name/CLI Keyword</b>	ctf
<b>Full Name</b>	Common Trace Facility
<b>Description</b>	Registered with IANA on port 84 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:84
<b>ID</b>	957
<b>Known Mappings</b>	
UDP Port	84
TCP Port	84
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CUSEEME

<b>Name/CLI Keyword</b>	cuseeme
<b>Full Name</b>	Internet video conference system
<b>Description</b>	CU-SeeMe is an Internet video conferencing client. CU-SeeMe can make point-to-point video calls without a server or make multi-point calls through server software. Later commercial versions of CU-SeeMe could also make point-to-point or multi-point calls to other vendor's standard-based H.323 endpoints and servers.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/CU-SeeMe">http://en.wikipedia.org/wiki/CU-SeeMe</a>
<b>Global ID</b>	L7:12
<b>ID</b>	12
<b>Known Mappings</b>	
UDP Port	7648,7649,24032
TCP Port	7648,7649
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CUSTIX

<b>Name/CLI Keyword</b>	custix
<b>Full Name</b>	Customer Ixchange
<b>Description</b>	Registered with IANA on port 528 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:528
<b>ID</b>	446
<b>Known Mappings</b>	
UDP Port	528
TCP Port	528
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## CVC\_HOSTD

<b>Name/CLI Keyword</b>	cvc_hostd
<b>Full Name</b>	cvc_hostd
<b>Description</b>	Registered with IANA on port 442 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:442
<b>ID</b>	357
<b>Known Mappings</b>	
UDP Port	442
TCP Port	442
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CVSPSERVER

<b>Name/CLI Keyword</b>	cvspserver
<b>Full Name</b>	CVS pserver
<b>Description</b>	CVS pserver is an insecure method of giving remote access to a Concurrent Versions System (CVS) repository.
<b>Reference</b>	<a href="http://www.nongnu.org/cvs/">http://www.nongnu.org/cvs/</a>
<b>Global ID</b>	L4:2401
<b>ID</b>	1337
<b>Known Mappings</b>	
UDP Port	2401
TCP Port	2401
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CVSUP

<b>Name/CLI Keyword</b>	cvsup
<b>Full Name</b>	CVSup
<b>Description</b>	CVSup is a computer program written for Unix/Linux based systems that synchronizes files and directories from one location to another while minimizing data transfer using file-type specific delta encoding when appropriate. CVSup was designed for keeping source code repositories - such as CVS - synchronized, but has been extended to support synchronizing any type of file.
<b>Reference</b>	<a href="http://www.cvsup.org/">http://www.cvsup.org/</a>
<b>Global ID</b>	L4:5999
<b>ID</b>	1338
<b>Known Mappings</b>	
UDP Port	5999
TCP Port	5999
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	file-sharing
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# CYBERCASH

<b>Name/CLI Keyword</b>	cybercash
<b>Full Name</b>	Cybercash
<b>Description</b>	CyberCash serves as a conduit through which payments can be transported quickly, easily and safely between buyers, sellers and their banks. The CyberCash system provides several separate payment services on the Internet including credit card and electronic cash.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1898">http://tools.ietf.org/html/rfc1898</a>
<b>Global ID</b>	L4:551
<b>ID</b>	468
<b>Known Mappings</b>	
UDP Port	551
TCP Port	551
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	epayment
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CYCLESERV

<b>Name/CLI Keyword</b>	cycleserv
<b>Full Name</b>	cycleserv
<b>Description</b>	Registered with IANA on port 763 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:763
<b>ID</b>	635
<b>Known Mappings</b>	
UDP Port	763
TCP Port	763
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# CYCLESERV2

<b>Name/CLI Keyword</b>	cycleserv2
<b>Full Name</b>	cycleserv2
<b>Description</b>	Registered with IANA on port 772 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:772
<b>ID</b>	642
<b>Known Mappings</b>	
UDP Port	772
TCP Port	772
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





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# DAMEWARE-MRC

<b>Name/CLI Keyword</b>	dameware-mrc
<b>Full Name</b>	DameWare Mini Remote Control
<b>Description</b>	DameWare Mini Remote Control provides powerful remote control software for connecting to remote desktops, laptops and servers to troubleshoot and solve issues. MRC lets users remotely control Mac OS X, Windows and Linux systems, either by using the proprietary MRC protocol, or using other protocols like Microsoft RDP, VNC, and Intel AMT KVM.
<b>Reference</b>	<a href="http://www.dameware.com/products/mini-remote-control/product-overview.aspx">http://www.dameware.com/products/mini-remote-control/product-overview.aspx</a>
<b>Global ID</b>	L7:547
<b>ID</b>	1481
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	dameware-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DANTZ

<b>Name/CLI Keyword</b>	dantz
<b>Full Name</b>	Dantz Retrospect
<b>Description</b>	Retrospect is a family of backup software applications for the Mac OS, Mac OS X, and Microsoft Windows operating systems.
<b>Reference</b>	<a href="http://www.retrospect.com/">http://www.retrospect.com/</a>
<b>Global ID</b>	L4:497
<b>ID</b>	411
<b>Known Mappings</b>	
UDP Port	497
TCP Port	497
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DANGDANG

<b>Name/CLI Keyword</b>	dangdang
<b>Full Name</b>	Dangdang
<b>Description</b>	Dangdang - Chinese general E-commerce company.
<b>Reference</b>	<a href="http://dangdang.com">http://dangdang.com</a>
<b>Global ID</b>	L7:795
<b>ID</b>	1723
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DASP

<b>Name/CLI Keyword</b>	dasp
<b>Full Name</b>	Datagram Authenticated Session Protocol
<b>Description</b>	Datagram Authenticated Session Protocol (DASP) is designed to provide an unordered, reliable, secure session for full-duplex datagram exchange that can be implemented for low power wireless networks and low cost devices.
<b>Reference</b>	<a href="http://sedonadev.org/doc/dasp.html">http://sedonadev.org/doc/dasp.html</a>
<b>Global ID</b>	L4:439
<b>ID</b>	354
<b>Known Mappings</b>	
UDP Port	439
TCP Port	439
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DATASURFSRV

<b>Name/CLI Keyword</b>	datasurfsrv
<b>Full Name</b>	DataRamp Svr
<b>Description</b>	Registered with IANA on port 461 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:461
<b>ID</b>	375
<b>Known Mappings</b>	
UDP Port	461
TCP Port	461
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DATASURFSRVSEC

<b>Name/CLI Keyword</b>	datasurfsrvsec
<b>Full Name</b>	DataRampSrvSec
<b>Description</b>	Registered with IANA on port 462 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:462
<b>ID</b>	376
<b>Known Mappings</b>	
UDP Port	462
TCP Port	462
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DATEX-ASN

<b>Name/CLI Keyword</b>	datex-asn
<b>Full Name</b>	datex-asn
<b>Description</b>	DATEX-ASN (AP-DATEX) provides a communications stack that supports routing, sequencing, and file transfer over point-to-point links, based on (sockets) TCP, IP, and PPP.
<b>Reference</b>	<a href="http://www.standards.its.dot.gov/fact_sheet.asp?f=33">http://www.standards.its.dot.gov/fact_sheet.asp?f=33</a>
<b>Global ID</b>	L4:355
<b>ID</b>	271
<b>Known Mappings</b>	
UDP Port	355
TCP Port	355
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DAUM

<b>Name/CLI Keyword</b>	daum
<b>Full Name</b>	Daum
<b>Description</b>	Daum - Popular South Korean web portal.
<b>Reference</b>	<a href="http://daum.net">http://daum.net</a>
<b>Global ID</b>	L7:647
<b>ID</b>	1576
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DAYTIME

<b>Name/CLI Keyword</b>	daytime
<b>Full Name</b>	Daytime Protocol
<b>Description</b>	The Daytime Protocol is a debugging and measurement service. A host may connect to a server, that in turn returns an ASCII character string of the current date and time in an unspecified format.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc867.txt">http://www.ietf.org/rfc/rfc867.txt</a>
<b>Global ID</b>	L4:13
<b>ID</b>	103
<b>Known Mappings</b>	
UDP Port	13
TCP Port	13
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DBASE

<b>Name/CLI Keyword</b>	dbase
<b>Full Name</b>	dBase
<b>Description</b>	dBase is a relational database management system. dBase II was the first widely used database management system (DBMS) for microcomputers. A major upgrade was released as dBase III, and ported to a wider variety of platforms, adding UNIX and VMS.
<b>Reference</b>	<a href="http://www.dbase.com/">http://www.dbase.com/</a>
<b>Global ID</b>	L4:217
<b>ID</b>	1114
<b>Known Mappings</b>	
UDP Port	217
TCP Port	217
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DB-SERVICE

<b>Name/CLI Keyword</b>	db-service
<b>Full Name</b>	DB Service
<b>Description</b>	Database service.
<b>Reference</b>	<a href="https://en.wikipedia.org/wiki/Database">https://en.wikipedia.org/wiki/Database</a>
<b>Global ID</b>	L7:824
<b>ID</b>	1756
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant
<b>Category</b>	database
<b>Sub Category</b>	enterprise-transactional-apps
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DCCP

<b>Name/CLI Keyword</b>	dccp
<b>Full Name</b>	Datagram Congestion Control Protocol
<b>Description</b>	The Datagram Congestion Control Protocol (DCCP) is a message-oriented transport layer protocol. DCCP implements reliable connection setup, teardown, Explicit Congestion Notification (ECN), congestion control, and feature negotiation.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4340.txt">http://www.ietf.org/rfc/rfc4340.txt</a>
<b>Global ID</b>	L3:33
<b>ID</b>	1238
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	33
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DCLINK

<b>Name/CLI Keyword</b>	dclink
<b>Full Name</b>	Automated Data Collection Solution
<b>Description</b>	dcLINK Data Collection is an inventory management software. It offers pre-built, standard or customizable workflows for processing data.
<b>Reference</b>	<a href="http://www.dsionline.com/en/DATACOLLECTION.aspx">http://www.dsionline.com/en/DATACOLLECTION.aspx</a>
<b>Global ID</b>	L4:6305
<b>ID</b>	1379
<b>Known Mappings</b>	
UDP Port	
TCP Port	6305,6800
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DCN-MEAS

<b>Name/CLI Keyword</b>	dcn-meas
<b>Full Name</b>	DCN Measurement Subsystems
<b>Description</b>	Registered with IANA as IP Protocol 19
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:19
<b>ID</b>	773
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	19
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DCP

<b>Name/CLI Keyword</b>	dcp
<b>Full Name</b>	Device Control Protocol
<b>Description</b>	The Device Control Protocol (DCP) is an application level protocol optimized for the integration, monitoring and control of devices on a network. It provides a framework for integrating unconventional network devices attached to networks either directly or as computer periphery.
<b>Reference</b>	<a href="http://dcp.chrisarmbruster.com/Introduction.html">http://dcp.chrisarmbruster.com/Introduction.html</a>
<b>Global ID</b>	L4:93
<b>ID</b>	964
<b>Known Mappings</b>	
UDP Port	93
TCP Port	93
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DCTP

<b>Name/CLI Keyword</b>	dctp
<b>Full Name</b>	dctp
<b>Description</b>	Registered with IANA on port 675 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:675
<b>ID</b>	583
<b>Known Mappings</b>	
UDP Port	675
TCP Port	675
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DDM-DFM

<b>Name/CLI Keyword</b>	ddm-dfm
<b>Full Name</b>	DDM Distributed File management
<b>Description</b>	Registered with IANA on port 447 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:447
<b>ID</b>	362
<b>Known Mappings</b>	
UDP Port	447
TCP Port	447
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DDM-RDB

<b>Name/CLI Keyword</b>	dgm-rdb
<b>Full Name</b>	DDM-Remote Relational Database Access
<b>Description</b>	Distributed Data Management (DDM) is a function of the operating system that allows an application program or user on one system to use database files stored on remote systems. The systems must be connected by a communications network, and the remote systems must also be using DDM. With distributed relational database, information the application requester (AR) needs to connect to a database is provided in the relational database directory.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/infocenter/series/v5r4/index.jsp?topic=%2Fzajj%2Fzajjzajtddm.htm">http://publib.boulder.ibm.com/infocenter/series/v5r4/index.jsp?topic=%2Fzajj%2Fzajjzajtddm.htm</a>
<b>Global ID</b>	L4:446
<b>ID</b>	361
<b>Known Mappings</b>	
UDP Port	446
TCP Port	446
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DDM-SSL

<b>Name/CLI Keyword</b>	ddm-ssl
<b>Full Name</b>	Domino Domain Monitor database - Remote DB Access Using Secure Sockets
<b>Description</b>	IBM Lotus Domino domain monitoring (DDM) provides one location in the Domino Administrator client that you can use to view the overall status of multiple servers across one or more domains, and then use the information provided by DDM to quickly resolve problems.
<b>Reference</b>	<a href="http://www-10.lotus.com/ldd/dominowiki.nsf/dx/domino-domain-monitoring">http://www-10.lotus.com/ldd/dominowiki.nsf/dx/domino-domain-monitoring</a>
<b>Global ID</b>	L4:448
<b>ID</b>	363
<b>Known Mappings</b>	
UDP Port	448
TCP Port	448
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DDP

<b>Name/CLI Keyword</b>	ddp
<b>Full Name</b>	Datagram Delivery Protocol
<b>Description</b>	Datagram Delivery Protocol (DDP) is a member of the AppleTalk networking protocol suite. It is the network-layer protocol that is responsible for the socket-to-socket delivery of datagrams over the AppleTalk Internet.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1742.txt">http://www.ietf.org/rfc/rfc1742.txt</a>
<b>Global ID</b>	L3:37
<b>ID</b>	791
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	37
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DDX

<b>Name/CLI Keyword</b>	ddx
<b>Full Name</b>	D-II Data Exchange
<b>Description</b>	Registered with IANA as IP Protocol 116
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:116
<b>ID</b>	870
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	116
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DEC\_DLM

<b>Name/CLI Keyword</b>	dec_dlm
<b>Full Name</b>	DEC DLM
<b>Description</b>	Registered with IANA on port 625 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:625
<b>ID</b>	534
<b>Known Mappings</b>	
UDP Port	625
TCP Port	625
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DECAP

<b>Name/CLI Keyword</b>	decap
<b>Full Name</b>	decap
<b>Description</b>	Registered with IANA on port 403 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:403
<b>ID</b>	318
<b>Known Mappings</b>	
UDP Port	403
TCP Port	403
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DECAUTH

<b>Name/CLI Keyword</b>	decauth
<b>Full Name</b>	DEC Auth
<b>Description</b>	Registered with IANA on port 316 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:316
<b>ID</b>	1156
<b>Known Mappings</b>	
UDP Port	316
TCP Port	316
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DECBSRV

<b>Name/CLI Keyword</b>	decbsrv
<b>Full Name</b>	Decbsrv
<b>Description</b>	Registered with IANA on port 579 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:579
<b>ID</b>	493
<b>Known Mappings</b>	
UDP Port	579
TCP Port	579
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DECLADEBUG

<b>Name/CLI Keyword</b>	decladebug
<b>Full Name</b>	DECLadebug Remote Debug Protocol
<b>Description</b>	Registered with IANA on port 410 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:410
<b>ID</b>	325
<b>Known Mappings</b>	
UDP Port	410
TCP Port	410
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DECVMS-SYSMGT

<b>Name/CLI Keyword</b>	decvms-sysmgt
<b>Full Name</b>	Decvms-sysmgt
<b>Description</b>	Registered with IANA on port 441 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:441
<b>ID</b>	356
<b>Known Mappings</b>	
UDP Port	441
TCP Port	441
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DEI-ICDA

<b>Name/CLI Keyword</b>	dei-icda
<b>Full Name</b>	DEI-ICDA
<b>Description</b>	Registered with IANA on port 618 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:618
<b>ID</b>	527
<b>Known Mappings</b>	
UDP Port	618
TCP Port	618
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DEOS

<b>Name/CLI Keyword</b>	deos
<b>Full Name</b>	Distributed External Object Store
<b>Description</b>	Registered with IANA on port 76 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:76
<b>ID</b>	952
<b>Known Mappings</b>	
UDP Port	76
TCP Port	76
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DESKNETS

<b>Name/CLI Keyword</b>	desknets
<b>Full Name</b>	Desknet's
<b>Description</b>	Desknet's (by NEO) is a Japanese groupware application for resource sharing.
<b>Reference</b>	<a href="http://www.desknets.com/">http://www.desknets.com/</a>
<b>Global ID</b>	L4:52300
<b>ID</b>	1339
<b>Known Mappings</b>	
UDP Port	
TCP Port	52300
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DEVICE

<b>Name/CLI Keyword</b>	device
<b>Full Name</b>	device
<b>Description</b>	Registered with IANA on port 801 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:801
<b>ID</b>	655
<b>Known Mappings</b>	
UDP Port	801
TCP Port	801
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DGP

<b>Name/CLI Keyword</b>	dgp
<b>Full Name</b>	Dissimilar Gateway Protocol
<b>Description</b>	Dissimilar Gateway Protocol
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L3:86
<b>ID</b>	840
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	86
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DHCP-FAILOVER

<b>Name/CLI Keyword</b>	dhcp-failover
<b>Full Name</b>	DHCP Failover
<b>Description</b>	DHCP Failover Protocol supports automatic failover from a primary server to its secondary server. The failover mechanism allows the secondary server to perform DHCP actions while the primary is down, or when a network failure prevents the primary and secondary from communicating.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-dhc-failover-03">http://tools.ietf.org/html/draft-ietf-dhc-failover-03</a>
<b>Global ID</b>	L4:647
<b>ID</b>	556
<b>Known Mappings</b>	
UDP Port	647
TCP Port	647
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DHCP-FAILOVER2

<b>Name/CLI Keyword</b>	dhcp-failover2
<b>Full Name</b>	DHCP-Failover 2
<b>Description</b>	DHCP Failover Protocol provides synchronization between two DHCP servers, for redundancy in case of a server failure.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-dhc-failover-12">http://tools.ietf.org/html/draft-ietf-dhc-failover-12</a>
<b>Global ID</b>	L4:847
<b>ID</b>	658
<b>Known Mappings</b>	
UDP Port	847
TCP Port	847
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DHCP

<b>Name/CLI Keyword</b>	dhcp
<b>Full Name</b>	Dynamic Host Configuration Protocol
<b>Description</b>	Dynamic Host Configuration Protocol (DHCP) provides a framework for passing configuration information to hosts on a TCP/IP network. The information given by designated DHCP servers include: IP address, subnet mask and default gateway. A DHCP server usually listens on UDP port 67 and DHCP client usually listens on UDP 68.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2131.txt">http://www.ietf.org/rfc/rfc2131.txt</a>
<b>Global ID</b>	L7:13
<b>ID</b>	13
<b>Known Mappings</b>	
UDP Port	67,68
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DHCPV6-CLIENT

<b>Name/CLI Keyword</b>	dhcpv6-client
<b>Full Name</b>	DHCPv6 Client
<b>Description</b>	DHCPv6 is a network protocol that is used for configuring IPv6 hosts with IP addresses, IP prefixes and/or other configuration required to operate on an IPv6 network. IPv6 hosts can acquire IP addresses using stateless address autoconfiguration, or by using DHCPv6. DHCP tends to be preferred at sites where central management of hosts is valued; stateless autoconfiguration does not require any sort of central management, and is therefore preferable in networks where no management is readily available, such as a typical home network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3315">http://tools.ietf.org/html/rfc3315</a>
<b>Global ID</b>	L4:546
<b>ID</b>	464
<b>Known Mappings</b>	
UDP Port	546
TCP Port	546
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DHCPV6-SERVER

<b>Name/CLI Keyword</b>	dhcpv6-server
<b>Full Name</b>	DHCPv6 Server
<b>Description</b>	DHCPv6 is a network protocol that is used for configuring IPv6 hosts with IP addresses, IP prefixes and other configurations required to operate on an IPv6 network.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3315.txt">http://www.ietf.org/rfc/rfc3315.txt</a>
<b>Global ID</b>	L4:547
<b>ID</b>	465
<b>Known Mappings</b>	
UDP Port	547
TCP Port	547
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DHT

<b>Name/CLI Keyword</b>	dht
<b>Full Name</b>	Distributed Hash Table
<b>Description</b>	A distributed hash table (DHT) is a class of a decentralized distributed system that provides a lookup service similar to a hash table. BitTorrent uses DHT for storing peer contact information for trackerless torrents. In effect, each peer becomes a tracker. The protocol is based on Kademila and is implemented over UDP.
<b>Reference</b>	<a href="http://www.ietf.org/proceedings/65/slides/plenaryt-2.pdf">http://www.ietf.org/proceedings/65/slides/plenaryt-2.pdf</a>
<b>Global ID</b>	L7:439
<b>ID</b>	886
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DICOM

<b>Name/CLI Keyword</b>	dicom
<b>Full Name</b>	Digital Imaging and Communications in Medicine
<b>Description</b>	Digital Imaging and Communication in Medicine (DICOM) is used to handle, store, print, and transmit medical imaging.
<b>Reference</b>	<a href="http://dicom.nema.org/">http://dicom.nema.org/</a>
<b>Global ID</b>	L7:76
<b>ID</b>	76
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DIGITAL-VRC

<b>Name/CLI Keyword</b>	digital-vrc
<b>Full Name</b>	digital-vrc
<b>Description</b>	Registered with IANA on port 466 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:466
<b>ID</b>	380
<b>Known Mappings</b>	
UDP Port	466
TCP Port	466
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DIRECTCONNECT

<b>Name/CLI Keyword</b>	directconnect
<b>Full Name</b>	Direct Connect
<b>Description</b>	Direct Connect is a peer-to-peer (P2P) file sharing protocol. Clients connect to a main hub that mediates them to other clients in order to download files. The hubs hold a database of clients and files and mediate the clients. Once clients are connected in a P2P manner, they can download files and chat with one another.
<b>Reference</b>	<a href="http://wiki.gusari.org">http://wiki.gusari.org</a>
<b>Global ID</b>	L7:70
<b>ID</b>	70
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,411,412,413
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# DIRECTPLAY

<b>Name/CLI Keyword</b>	directplay
<b>Full Name</b>	DirectPlay
<b>Description</b>	DirectPlay is part of Microsoft's DirectX API. It is a network communication library intended for computer game development. DirectPlay features a set of tools that allow players to find game sessions and sites to manage the flow of information between hosts and players. It provides a way for applications to communicate with each other, regardless of the underlying online service or protocol.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Directplay">http://en.wikipedia.org/wiki/Directplay</a>
<b>Global ID</b>	L4:2234
<b>ID</b>	716
<b>Known Mappings</b>	
UDP Port	2234
TCP Port	2234
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DIRECTPLAY8

<b>Name/CLI Keyword</b>	directplay8
<b>Full Name</b>	DirectPlay8
<b>Description</b>	DirectPlay is part of Microsoft's DirectX API. DirectPlay is a network communication library intended for computer game development, although its general nature allows it to be used for other purposes.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Directplay">http://en.wikipedia.org/wiki/Directplay</a>
<b>Global ID</b>	L4:6073
<b>ID</b>	717
<b>Known Mappings</b>	
UDP Port	6073
TCP Port	6073
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DIRECTV-CATLG

<b>Name/CLI Keyword</b>	directv-catlg
<b>Full Name</b>	DirecTV Data Catalog
<b>Description</b>	A DirecTV service - Data Catalog. DirecTV (DIRECTV) is an America+E4Indirect broadcast satelliteservice provider and broadcaster.
<b>Reference</b>	<a href="http://www.directv.com">http://www.directv.com</a>
<b>Global ID</b>	L4:3337
<b>ID</b>	723
<b>Known Mappings</b>	
UDP Port	3337
TCP Port	3337
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DIRECTV-SOFT

<b>Name/CLI Keyword</b>	directv-soft
<b>Full Name</b>	Direct TV Software Updates
<b>Description</b>	Registered with IANA on port 3335 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3335
<b>ID</b>	721
<b>Known Mappings</b>	
UDP Port	3335
TCP Port	3335
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DIRECTV-TICK

<b>Name/CLI Keyword</b>	directv-tick
<b>Full Name</b>	Direct TV Tickers
<b>Description</b>	Registered with IANA on port 3336 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3336
<b>ID</b>	722
<b>Known Mappings</b>	
UDP Port	3336
TCP Port	3336
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming . From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DIRECTV-WEB

<b>Name/CLI Keyword</b>	directv-web
<b>Full Name</b>	DirecTV Webcasting
<b>Description</b>	A DirecTV service - Webcasting. DirecTV (DIRECTV) is an American direct broadcast satellite service provider and broadcaster.
<b>Reference</b>	<a href="http://www.directv.com">http://www.directv.com</a>
<b>Global ID</b>	L4:3334
<b>ID</b>	720
<b>Known Mappings</b>	
UDP Port	3334
TCP Port	3334
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DISCARD

<b>Name/CLI Keyword</b>	discard
<b>Full Name</b>	Discard
<b>Description</b>	The Discard Protocol is a service intended for testing, debugging, and measurement purposes. A host sends data to another host that supports the Discard Protocol. The data is simply discarded by the receiving host, and no response is returned.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc863">http://tools.ietf.org/html/rfc863</a>
<b>Global ID</b>	L4:9
<b>ID</b>	903
<b>Known Mappings</b>	
UDP Port	9
TCP Port	9
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DISCLOSE

<b>Name/CLI Keyword</b>	disclose
<b>Full Name</b>	campaign contribution disclosures
<b>Description</b>	Registered with IANA on port 667 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:667
<b>ID</b>	575
<b>Known Mappings</b>	
UDP Port	667
TCP Port	667
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DISCOVER-COM

<b>Name/CLI Keyword</b>	discover-com
<b>Full Name</b>	Discover
<b>Description</b>	Discover - Financial services company.
<b>Reference</b>	<a href="http://discover.com">http://discover.com</a>
<b>Global ID</b>	L7:740
<b>ID</b>	1670
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# DISNEY-WEB-PORTAL

<b>Name/CLI Keyword</b>	disney-web-portal
<b>Full Name</b>	Disney
<b>Description</b>	Disney - Official Disney website.
<b>Reference</b>	<a href="http://disney.com">http://disney.com</a>
<b>Global ID</b>	L7:757
<b>ID</b>	1687
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DISTCC

<b>Name/CLI Keyword</b>	distcc
<b>Full Name</b>	Distributed Compiler
<b>Description</b>	Distributed Compiler Protocol (distcc) is a tool used in software development for speeding up compilation of source code by using distributed computing over a computer network.
<b>Reference</b>	<a href="http://distcc.googlecode.com/">http://distcc.googlecode.com/</a>
<b>Global ID</b>	L4:3632
<b>ID</b>	1340
<b>Known Mappings</b>	
UDP Port	3632
TCP Port	3632
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DIXIE

<b>Name/CLI Keyword</b>	dixie
<b>Full Name</b>	DIXIE Protocol Specification
<b>Description</b>	OSI Directory Service defines a powerful mechanism for storing and retrieving information about objects, and for arranging those objects in a hierarchical structure. Many types of objects and information can be stored in The Directory, including white pages information, application information, service information, etc. The OSI protocol defined to allow access to this information is the Directory Access Protocol (DAP). The DAP, being an OSI application-layer program, is fairly heavy-weight and requires a substantial amount of computing power and coding investment to implement. The DIXIE protocol is designed for use by smaller hosts (e.g., Macintoshes and PCs) that do not have the computing power or necessary software to implement a full OSI protocol stack. The DIXIE protocol is also useful for any Internet application that wants a simple interface to X.500 that requires very little coding investment.
<b>Reference</b>	<a href="http://tools.ietf.org/rfc/rfc1249">http://tools.ietf.org/rfc/rfc1249</a>
<b>Global ID</b>	L4:96
<b>ID</b>	967
<b>Known Mappings</b>	
UDP Port	96
TCP Port	96
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.

<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DLS-MON

<b>Name/CLI Keyword</b>	dls-mon
<b>Full Name</b>	Directory Location Service Monitor
<b>Description</b>	Registered with IANA on port 198 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:198
<b>ID</b>	1085
<b>Known Mappings</b>	
UDP Port	198
TCP Port	198
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DLS

<b>Name/CLI Keyword</b>	dls
<b>Full Name</b>	Directory Location Service
<b>Description</b>	Registered with IANA on port 197 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:197
<b>ID</b>	1078
<b>Known Mappings</b>	
UDP Port	197
TCP Port	197
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DMP

<b>Name/CLI Keyword</b>	dmp
<b>Full Name</b>	Digital Media Player
<b>Description</b>	Digital Media Player is an IP-based integrated component of the Cisco Digital Media Suite. It controls the display and playback of rich digital media. DMP is fully manageable as a standalone device, however, when it is a part of the integrated Cisco Digital Signs and Cisco Cast systems, it functions as a digital media publishing endpoint. Managing the DMP can be achieved with using the Cisco Digital Media Manager (DMM), the centralized management system component of the Cisco Digital Media Suite. The underlying protocols are FTP (for transferring files), HTTP and HTTPS for browsing, RTP and RTSP for unicast streaming. The classification is for the traffic between DMM and DMP.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/products/ps7220/index.html">http://www.cisco.com/en/US/products/ps7220/index.html</a>
<b>Global ID</b>	L7:492
<b>ID</b>	1422
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353,7777
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	broadcast-video. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,dns,quic

## DN6-NLM-AUD

<b>Name/CLI Keyword</b>	dn6-nlm-aud
<b>Full Name</b>	DNSIX Network Level Module Audit
<b>Description</b>	Registered with IANA on port 195 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:195
<b>ID</b>	1044
<b>Known Mappings</b>	
UDP Port	195
TCP Port	195
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DNA-CML

<b>Name/CLI Keyword</b>	dna-cml
<b>Full Name</b>	DNA-CML
<b>Description</b>	Registered with IANA on port 436 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:436
<b>ID</b>	351
<b>Known Mappings</b>	
UDP Port	436
TCP Port	436
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DNP

<b>Name/CLI Keyword</b>	dnp
<b>Full Name</b>	DNP3
<b>Description</b>	Distributed Network Protocol (DNP3) is a set of open source and public communications protocols managed by DNP3 Users Group. It is developed for communications between various types of data acquisition and control equipment mainly in utilities such as electric and water companies. It is very important in SCADA systems. It was originally developed for serial connections, hence its architecture has a data link layer, a pseudo transport layer and an application layer, but with the advent of TCP/IP networks, it was ported to IP networks.
<b>Reference</b>	<a href="http://dnp3.org">http://dnp3.org</a>
<b>Global ID</b>	L4:20000
<b>ID</b>	1341
<b>Known Mappings</b>	
UDP Port	20000,19999
TCP Port	20000,19999
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DNS

<b>Name/CLI Keyword</b>	dns
<b>Full Name</b>	Domain Name
<b>Description</b>	Domain Name Server (DNS) is a server that translates URLs into IP addresses based on client queries. It is based on client-server architecture.
<b>Reference</b>	<a href="https://www1.ietf.org/rfc/rfc1035.txt">https://www1.ietf.org/rfc/rfc1035.txt</a>
<b>Global ID</b>	L4:53
<b>ID</b>	72
<b>Known Mappings</b>	
UDP Port	53
TCP Port	53
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DNSIX

<b>Name/CLI Keyword</b>	dnsix
<b>Full Name</b>	DNSIX Securit Attribute Token Map
<b>Description</b>	Registered with IANA on port 90 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:90
<b>ID</b>	961
<b>Known Mappings</b>	
UDP Port	90
TCP Port	90
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DOOM

<b>Name/CLI Keyword</b>	doom
<b>Full Name</b>	DOOM
<b>Description</b>	A first person shooter game with multiplayer support developed by Id Software
<b>Reference</b>	<a href="http://www.idsoftware.com/games/doom/">http://www.idsoftware.com/games/doom/</a>
<b>Global ID</b>	L4:666
<b>ID</b>	99
<b>Known Mappings</b>	
UDP Port	666
TCP Port	666
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DOUBAN

<b>Name/CLI Keyword</b>	douban
<b>Full Name</b>	Douban
<b>Description</b>	Douban - Chinese social networking service.
<b>Reference</b>	<a href="http://douban.com">http://douban.com</a>
<b>Global ID</b>	L7:639
<b>ID</b>	1568
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DPSI

<b>Name/CLI Keyword</b>	dpsi
<b>Full Name</b>	dpsi
<b>Description</b>	Registered with IANA on port 315 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:315
<b>ID</b>	1155
<b>Known Mappings</b>	
UDP Port	315
TCP Port	315
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DRUDGE-REPORT-COM

<b>Name/CLI Keyword</b>	drudge-report-com
<b>Full Name</b>	Drudge Report
<b>Description</b>	Drudge Report - News aggregator
<b>Reference</b>	<a href="http://drudgereport.com">http://drudgereport.com</a>
<b>Global ID</b>	L7:745
<b>ID</b>	1675
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# DROPBOX

<b>Name/CLI Keyword</b>	dropbox
<b>Full Name</b>	Dropbox
<b>Description</b>	Dropbox is a free cloud storage service that lets users synchronize and share files and folders. It can be installed and viewed through multiple desktop and mobile platforms.
<b>Reference</b>	<a href="http://www.dropbox.com/">http://www.dropbox.com/</a>
<b>Global ID</b>	L4:17500
<b>ID</b>	1485
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DSFGW

<b>Name/CLI Keyword</b>	dsfgw
<b>Full Name</b>	dsfgw
<b>Description</b>	Registered with IANA on port 438 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:438
<b>ID</b>	353
<b>Known Mappings</b>	
UDP Port	438
TCP Port	438
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DSP

<b>Name/CLI Keyword</b>	dsp
<b>Full Name</b>	Display Support Protocol
<b>Description</b>	Registered with IANA on port 33 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:33
<b>ID</b>	917
<b>Known Mappings</b>	
UDP Port	33
TCP Port	33
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DSP3270

<b>Name/CLI Keyword</b>	dsp3270
<b>Full Name</b>	Display Systems Protocol
<b>Description</b>	DSP3270 was created in 1980 in order to allow bisynchronous (BSC) 3270 terminals to communicate through an X.25 network. A PAD (packet assembler-disassembler) connected to a BSC 3270 type device communicates over the packet switched network with another PAD connected to a host computer. The protocol defines the communication between the two PADs, it is carried above the X.25 level 3 layer and so it could be called a level 4 protocol although it is not compatible with the OSI Transport layer.
<b>Reference</b>	<a href="http://www.euclideanspace.com/coms/protocol/bi_sync/systems/dsp/index.htm">http://www.euclideanspace.com/coms/protocol/bi_sync/systems/dsp/index.htm</a>
<b>Global ID</b>	L4:246
<b>ID</b>	1126
<b>Known Mappings</b>	
UDP Port	246
TCP Port	246
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DSR

<b>Name/CLI Keyword</b>	dsr
<b>Full Name</b>	Dynamic Source Routing Protocol
<b>Description</b>	Dynamic Source Routing (DSR) is a routing protocol for wireless mesh networks. It forms a route on-demand when a transmitting computer requests one, and uses source routing instead of relying on the routing table at each intermediate device.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4728">http://tools.ietf.org/html/rfc4728</a>
<b>Global ID</b>	L3:48
<b>ID</b>	1240
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	48
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## DTAG-STE-SB

<b>Name/CLI Keyword</b>	dtag-ste-sb
<b>Full Name</b>	DTAG
<b>Description</b>	Registered with IANA on port 352 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:352
<b>ID</b>	268
<b>Known Mappings</b>	
UDP Port	352
TCP Port	352
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DTK

<b>Name/CLI Keyword</b>	dtk
<b>Full Name</b>	Deception ToolKit
<b>Description</b>	The Deception ToolKit (DTK) is a toolkit designed to give defenders a couple of orders of magnitude advantage over attackers. In DTK, the deception is intended to make it appear to attackers as if the system running DTK has a large number of widely known vulnerabilities.
<b>Reference</b>	<a href="http://all.net/dtk/index.html">http://all.net/dtk/index.html</a>
<b>Global ID</b>	L4:365
<b>ID</b>	281
<b>Known Mappings</b>	
UDP Port	365
TCP Port	365
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# DWR

<b>Name/CLI Keyword</b>	dwr
<b>Full Name</b>	DWR
<b>Description</b>	Registered with IANA on port 644 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:644
<b>ID</b>	553
<b>Known Mappings</b>	
UDP Port	644
TCP Port	644
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# DAILY-MAIL

<b>Name/CLI Keyword</b>	daily-mail
<b>Full Name</b>	Daily Mail
<b>Description</b>	Daily Mail - Web Portal for news update.
<b>Reference</b>	<a href="http://dailymail.co.uk">http://dailymail.co.uk</a>
<b>Global ID</b>	L7:633
<b>ID</b>	1562
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# DWR

<b>Name/CLI Keyword</b>	dwr
<b>Full Name</b>	DWR
<b>Description</b>	Registered with IANA on port 644 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:644
<b>ID</b>	553
<b>Known Mappings</b>	
UDP Port	644
TCP Port	644
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



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# ECHO

<b>Name/CLI Keyword</b>	echo
<b>Full Name</b>	Echo Protocol
<b>Description</b>	Echo is a protocol that is used for debugging and measurement. It works by sending back all the data that was received from the source. The protocol works on TCP and UDP, typically on port 7.
<b>Reference</b>	<a href="http://www.faqs.org/rfcs/rfc862.html">http://www.faqs.org/rfcs/rfc862.html</a>
<b>Global ID</b>	L4:7
<b>ID</b>	101
<b>Known Mappings</b>	
UDP Port	7
TCP Port	7
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EDONKEY-STATIC

<b>Name/CLI Keyword</b>	edonkey-static
<b>Full Name</b>	eDonkey
<b>Description</b>	eDonkey is peer-to-peer file sharing adopted to share large files. The network is based on multiple decentralized servers. Each client must be connected to a server to enter the network. edonkey-static and eMule are also required to fully detect or prevent this application traffic.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/EDonkey_network">http://en.wikipedia.org/wiki/EDonkey_network</a>
<b>Global ID</b>	L7:416
<b>ID</b>	1333
<b>Known Mappings</b>	
UDP Port	4661,4662,4663,4664,4665,4672,4673,4711,5662,5773,5783
TCP Port	4661,4662,4663,4664,4665,4672,4673,4711,5662,5773,5783
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	edonkey-emule-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EDONKEY

<b>Name/CLI Keyword</b>	edonkey
<b>Full Name</b>	eDonkey
<b>Description</b>	eDonkey is peer-to-peer file sharing adopted to share large files. The network is based on multiple decentralized servers. Each client must be connected to a server to enter the network. edonkey-static and eMule are also required to fully detect or prevent this application traffic.
<b>Reference</b>	<a href="http://web.archive.org/web/20010213200827/www.edonkey2000.com/overview.html">http://web.archive.org/web/20010213200827/www.edonkey2000.com/overview.html</a>
<b>Global ID</b>	L7:67
<b>ID</b>	67
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,1080,4662
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	edonkey-emule-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	socks, http

# EGP

<b>Name/CLI Keyword</b>	egp
<b>Full Name</b>	Exterior Gateway Protocol
<b>Description</b>	Exterior Gateway Protocol (EGP) is a protocol used to convey network information between neighboring gateways, or autonomic systems. This way the gateways acquire neighbors, monitor neighbor reachability and exchange net-reachability information in the form of update messages. EGP is IP protocol number 8.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc904">http://tools.ietf.org/html/rfc904</a>
<b>Global ID</b>	L3:8
<b>ID</b>	4
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	8
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EIGRP

<b>Name/CLI Keyword</b>	eigrp
<b>Full Name</b>	Interior Gateway Routing Protocol
<b>Description</b>	Enhanced Interior Gateway Routing Protocol (EIGRP) is an interior gateway protocol. It is an advanced distance-vector routing protocol, with optimizations to minimize both the routing instability incurred after topology changes, as well as the use of bandwidth and processing power in the router. The protocol is usually known as IP protocol 88 as default.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a0080094cb7.shtml">http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a0080094cb7.shtml</a>
<b>Global ID</b>	L3:88
<b>ID</b>	7
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	88
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ELCSD

<b>Name/CLI Keyword</b>	elcsd
<b>Full Name</b>	errlog copy/server daemon
<b>Description</b>	Registered with IANA on port 704 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:704
<b>ID</b>	608
<b>Known Mappings</b>	
UDP Port	704
TCP Port	704
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## EMBL-NDT

<b>Name/CLI Keyword</b>	embl-ndt
<b>Full Name</b>	EMBL Nucleic Data Transfer
<b>Description</b>	Registered with IANA on port 394 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:394
<b>ID</b>	310
<b>Known Mappings</b>	
UDP Port	394
TCP Port	394
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EMCON

<b>Name/CLI Keyword</b>	emcon
<b>Full Name</b>	Emission Control Protocol
<b>Description</b>	Registered with IANA as IP Protocol 14
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:14
<b>ID</b>	769
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	14
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EMFIS-CNTL

<b>Name/CLI Keyword</b>	emfis-cntl
<b>Full Name</b>	EMFIS Control Service
<b>Description</b>	Registered with IANA on port 141 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:141
<b>ID</b>	933
<b>Known Mappings</b>	
UDP Port	141
TCP Port	141
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EMFIS-DATA

<b>Name/CLI Keyword</b>	emfis-data
<b>Full Name</b>	EMFIS Data Service
<b>Description</b>	Registered with IANA on port 140 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:140
<b>ID</b>	929
<b>Known Mappings</b>	
UDP Port	140
TCP Port	140
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENCAP

<b>Name/CLI Keyword</b>	encap
<b>Full Name</b>	Encapsulation Header
<b>Description</b>	Encapsulation Protocol is an IP tunneling protocol implemented by encapsulating the IP datagram within an additional IP header, thus enabling a destination to be reached transparently without the source having to know topology specifics.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1241">http://tools.ietf.org/html/rfc1241</a>
<b>Global ID</b>	L3:98
<b>ID</b>	852
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	98
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENCRYPTED-BITTORRENT

<b>Name/CLI Keyword</b>	encrypted-bittorrent
<b>Full Name</b>	Encrypted Bittorrent
<b>Description</b>	Encrypted BitTorrent is an attempt to provide anonymous and private BitTorrent traffic. BitTorrent is a peer-to-peer file sharing protocol used for distributing files over the internet. It identifies content by URL and is designed to integrate seamlessly with the web. The BitTorrent protocol is based on a BitTorrent tracker (server) that initializes the connections between the clients (peers).
<b>Reference</b>	<a href="http://www.bittorrent.com/">http://www.bittorrent.com/</a>
<b>Global ID</b>	L7:313
<b>ID</b>	1206
<b>Known Mappings</b>	
UDP Port	-
TCP Port	6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	bittorrent-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	Bittorrent

## ENCRYPTED-EMULE

<b>Name/CLI Keyword</b>	encrypted-emule
<b>Full Name</b>	Encrypted eMule (eDonkey and Kademia)
<b>Description</b>	encrypted-emule, represents the encrypted traffic of eMule which is a peer-to-peer file sharing application based on eDonkey, eDonkey2000 and Kad network.
<b>Reference</b>	<a href="http://www.emule-project.net/">http://www.emule-project.net/</a>
<b>Global ID</b>	L7:417
<b>ID</b>	885
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	edonkey-emule-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ENTOMB

<b>Name/CLI Keyword</b>	entomb
<b>Full Name</b>	entomb
<b>Description</b>	Registered with IANA on port 775 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:775
<b>ID</b>	647
<b>Known Mappings</b>	
UDP Port	775
TCP Port	775
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENTRUST-AAAS

<b>Name/CLI Keyword</b>	entrust-aaas
<b>Full Name</b>	entrust-aaas
<b>Description</b>	Registered with IANA on port 680 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:680
<b>ID</b>	588
<b>Known Mappings</b>	
UDP Port	680
TCP Port	680
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENTRUST-AAMS

<b>Name/CLI Keyword</b>	entrust-aams
<b>Full Name</b>	entrust-aams
<b>Description</b>	Registered with IANA on port 681 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:681
<b>ID</b>	589
<b>Known Mappings</b>	
UDP Port	681
TCP Port	681
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENTRUST-ASH

<b>Name/CLI Keyword</b>	entrust-ash
<b>Full Name</b>	Entrust Administration Service Handler
<b>Description</b>	Registered with IANA on port 710 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:710
<b>ID</b>	613
<b>Known Mappings</b>	
UDP Port	710
TCP Port	710
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENTRUST-KMSH

<b>Name/CLI Keyword</b>	entrust-kmsh
<b>Full Name</b>	Entrust Key Management Service Handler
<b>Description</b>	Entrust Key Management Service Handler (Entrust-KMSH) is a cryptographic key management service for Entrust, a network security company, authentication products.
<b>Reference</b>	<a href="http://www.entrust.com/">http://www.entrust.com/</a>
<b>Global ID</b>	L4:709
<b>ID</b>	612
<b>Known Mappings</b>	
UDP Port	709
TCP Port	709
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ENTRUST-SPS

<b>Name/CLI Keyword</b>	entrust-sps
<b>Full Name</b>	Entrust SPS
<b>Description</b>	Registered with IANA on port 640 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:640
<b>ID</b>	549
<b>Known Mappings</b>	
UDP Port	640
TCP Port	640
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# EPMAP

<b>Name/CLI Keyword</b>	epmap
<b>Full Name</b>	DCE endpoint resolution
<b>Description</b>	Registered with IANA on port 135 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:135
<b>ID</b>	1311
<b>Known Mappings</b>	
UDP Port	135
TCP Port	135
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ERPC

<b>Name/CLI Keyword</b>	erpc
<b>Full Name</b>	Encore Expedited Remote Pro.Call
<b>Description</b>	Registered with IANA on port 121 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:121
<b>ID</b>	990
<b>Known Mappings</b>	
UDP Port	121
TCP Port	121
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ESCP-IP

<b>Name/CLI Keyword</b>	escp-ip
<b>Full Name</b>	ESCP
<b>Description</b>	Registered with IANA on port 621 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:621
<b>ID</b>	530
<b>Known Mappings</b>	
UDP Port	621
TCP Port	621
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ESIGNAL

<b>Name/CLI Keyword</b>	esignal
<b>Full Name</b>	eSignal
<b>Description</b>	Used by eSignal in their online trading line of products.
<b>Reference</b>	<a href="http://www.esignal.com/">http://www.esignal.com/</a>
<b>Global ID</b>	L4:2189
<b>ID</b>	1380
<b>Known Mappings</b>	
UDP Port	
TCP Port	2189,2194,2196
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ESPN-BROWSING

<b>Name/CLI Keyword</b>	espn-browsing
<b>Full Name</b>	ESPN web browsing
<b>Description</b>	ESPN is a global television network focused on sports-related programming. Espn-browsing protocol is used for accessing and browsing the network's websites and mobile applications for iPhone, iPad, Android and WinRT. There is a separate protocol, espn-video, for the network's video streaming services.
<b>Reference</b>	<a href="http://www.espn.com/">http://www.espn.com/</a>
<b>Global ID</b>	L7:551
<b>ID</b>	1486
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	espn-group
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# ESPN-VIDEO

<b>Name/CLI Keyword</b>	espn-video
<b>Full Name</b>	ESPN video streaming
<b>Description</b>	ESPN is a global television network focused on sports-related programming. Espn-video is the protocol used for watching video streams using browser or mobile applications for iPhone, iPad, Android and WinRT.
<b>Reference</b>	<a href="http://www.espn.com/">http://www.espn.com/</a>
<b>Global ID</b>	L7:552
<b>ID</b>	1487
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,443,554,8554
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	espn-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,espn-browsing,rtsp,rtmp,rtmpt

## ESRO-EMSDP

<b>Name/CLI Keyword</b>	esro-emsdp
<b>Full Name</b>	ESRO-EMSDP V1.3
<b>Description</b>	Registered with IANA on port 642 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:642
<b>ID</b>	551
<b>Known Mappings</b>	
UDP Port	642
TCP Port	642
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ESRO-GEN

<b>Name/CLI Keyword</b>	esro-gen
<b>Full Name</b>	Efficient Short Remote Operations
<b>Description</b>	Efficient Short Remote Operations (ESRO) provide an efficient mechanism for realization of Remote Procedure Call.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2188">http://tools.ietf.org/html/rfc2188</a>
<b>Global ID</b>	L4:259
<b>ID</b>	1131
<b>Known Mappings</b>	
UDP Port	259
TCP Port	259
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ETHERIP

<b>Name/CLI Keyword</b>	etherip
<b>Full Name</b>	Ethernet-within-IP Encapsulation
<b>Description</b>	EtherIP is a protocol used for tunneling Ethernet packets and IEEE 802.3 MAC frames across an IP internet. It is usually used when the Layer 3 protocol is not IP, or when the Layer 3 data is obscured by encryption. EtherIP is IP protocol number 97.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3378">http://tools.ietf.org/html/rfc3378</a>
<b>Global ID</b>	L3:97
<b>ID</b>	851
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	97
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## EUDORA-SET

<b>Name/CLI Keyword</b>	eudora-set
<b>Full Name</b>	Eudora Set
<b>Description</b>	Registered with IANA on port 592 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:592
<b>ID</b>	506
<b>Known Mappings</b>	
UDP Port	592
TCP Port	592
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# EXCHANGE

<b>Name/CLI Keyword</b>	exchange
<b>Full Name</b>	Microsoft Exchange
<b>Description</b>	Exchange is a protocol that allows users to synchronize and connect to their exchange server.
<b>Reference</b>	<a href="http://support.microsoft.com/kb/262986">http://support.microsoft.com/kb/262986</a>
<b>Global ID</b>	L7:49
<b>ID</b>	49
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,135,443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ms-rpc,ssl,http-local-net

# EXEC

<b>Name/CLI Keyword</b>	exec
<b>Full Name</b>	exec
<b>Description</b>	Remote Execution (EXEC) protocol is used to run a program on a remote server as if it was being run on the local machine. This is accomplished by redirecting standard in/out and standard error through the connection.
<b>Reference</b>	<a href="http://wiki.wireshark.org/Exec">http://wiki.wireshark.org/Exec</a>
<b>Global ID</b>	L4:512
<b>ID</b>	426
<b>Known Mappings</b>	
UDP Port	
TCP Port	512
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## FACEBOOK through FUJITSU-DEV

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# FACEBOOK

<b>Name/CLI Keyword</b>	facebook
<b>Full Name</b>	Facebook
<b>Description</b>	Facebook is a social network service and website.
<b>Reference</b>	<a href="http://www.facebook.com/">http://www.facebook.com/</a>
<b>Global ID</b>	L7:518
<b>ID</b>	1454
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	social-networking
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# FACETIME

<b>Name/CLI Keyword</b>	facetime
<b>Full Name</b>	Facetime
<b>Description</b>	FaceTime is a video calling (video telephone) software application and related protocol developed by Apple Inc. for supported mobile devices running iOS, in addition to Macintosh computers running Mac OS X 10.6.6 and higher. FaceTime is supported on any iOS device with a forward-facing camera (that is, all iOS devices released since the iPhone 4) and on any Macintosh computer equipped with a FaceTime Camera (formerly known as an iSight Camera).
<b>Reference</b>	<a href="http://www.apple.com/iphone/built-in-apps/facetime.html">http://www.apple.com/iphone/built-in-apps/facetime.html</a>
<b>Global ID</b>	L7:535
<b>ID</b>	1469
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,stun-nat,sip

# FASTTRACK-STATIC

<b>Name/CLI Keyword</b>	fasttrack-static
<b>Full Name</b>	FastTrack
<b>Description</b>	FastTrack is a peer-to-peer (P2P) protocol that was used by the Kazaa, Grokster, iMesh, and Morpheus file sharing programs. It is a file sharing network used mainly for the exchange of music mp3 files. FastTrack uses supernodes to improve scalability, and UUHash hashing algorithm to allow downloading from multiple sources.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/FastTrack">http://en.wikipedia.org/wiki/FastTrack</a>
<b>Global ID</b>	L7:467
<b>ID</b>	1322
<b>Known Mappings</b>	
UDP Port	1214
TCP Port	1214
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fasttrack-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-networking
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FASTTRACK

<b>Name/CLI Keyword</b>	fasttrack
<b>Full Name</b>	FastTrack
<b>Description</b>	FastTrack is a file sharing client software that is based on peer-to-peer connection. FastTrack is used by multiple file sharing applications such as Kazaa, Grokster, iMesh, and Morpheus. Initialization: Initial the connection with FastTrack server over HTTP. Search: Searching for files in FastTrack server. Download: Download request from FastTracker server.
<b>Reference</b>	<a href="http://developer.berlios.de/projects/gift-fasttrack/">http://developer.berlios.de/projects/gift-fasttrack/</a>
<b>Global ID</b>	L7:57
<b>ID</b>	57
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fasttrack-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-networking
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FATSERV

<b>Name/CLI Keyword</b>	fatserv
<b>Full Name</b>	Fatmen Server
<b>Description</b>	Registered with IANA on port 347 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:347
<b>ID</b>	305
<b>Known Mappings</b>	
UDP Port	347
TCP Port	347
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# FC

<b>Name/CLI Keyword</b>	fc
<b>Full Name</b>	Fibre Channel
<b>Description</b>	Internet Fibre Channel Protocol (iFCP) is a gateway-to-gateway network protocol standard which provides Fibre Channel (FC) fabric functionality to fibre channel devices over an IP network. Within the IP network, the fibre channel switching and routing infrastructure is replaced by IP components and technology.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Internet_Fibre_Channel_Protocol">http://en.wikipedia.org/wiki/Internet_Fibre_Channel_Protocol</a>
<b>Global ID</b>	L3:133
<b>ID</b>	1231
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	133
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FC2

<b>Name/CLI Keyword</b>	fc2
<b>Full Name</b>	FC2
<b>Description</b>	FC2 is a popular Japanese blogging host and the third most popular video hosting service in Japan. Among its other services are also websites tools such as ad-free hosting, analyzer, counters and more.
<b>Reference</b>	<a href="http://www.fc2.com">http://www.fc2.com</a>
<b>Global ID</b>	L7:580
<b>ID</b>	1519
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-file-sharing
<b>Sub Category</b>	consumer-cloud-storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# FCP

<b>Name/CLI Keyword</b>	fcp
<b>Full Name</b>	FirstClass Protocol
<b>Description</b>	FirstClass Protocol (FCP) is a transport layer networking protocol that all FirstClass communications used. The protocol guarantees error-free communications for all activities. FCP could run on several different physical layers, starting with modems and AppleTalk, and later adding Novell's IPX and TCP/IP. Both the client and server could communicate over any of these links, allowing a user to move from office to home and have access to the same server.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/FirstClass">http://en.wikipedia.org/wiki/FirstClass</a>
<b>Global ID</b>	L4:510
<b>ID</b>	424
<b>Known Mappings</b>	
UDP Port	510
TCP Port	510
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FILEMAKER-ANNOUNCEMENT

<b>Name/CLI Keyword</b>	filemaker-announcement
<b>Full Name</b>	Filemaker relational database application
<b>Description</b>	FileMaker Pro is a cross-platform relational database application from FileMaker Inc., formerly Claris, a subsidiary of Apple Inc. It integrates a database engine with a GUI-based interface, allowing users to modify the database by dragging new elements into layouts, screens, or forms.
<b>Reference</b>	<a href="http://www.filemaker.com/">http://www.filemaker.com/</a>
<b>Global ID</b>	L4:2399
<b>ID</b>	1381
<b>Known Mappings</b>	
UDP Port	2399,5003,5013,5015,16000,16001,16016
TCP Port	2399,5003,5013,5015,16000,16001,16016
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FILETOPIA

<b>Name/CLI Keyword</b>	filetopia
<b>Full Name</b>	Filetopia
<b>Description</b>	Filetopia is a secured peer to peer file sharing software which enables the user to chat, message and share files with other users online. Filetopia provides high level of security and privacy which protect users IP.
<b>Reference</b>	<a href="http://www.filetopia.org/">http://www.filetopia.org/</a>
<b>Global ID</b>	L7:433
<b>ID</b>	432
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FINGER

<b>Name/CLI Keyword</b>	finger
<b>Full Name</b>	Finger Protocol
<b>Description</b>	The Finger/Name protocol provides an interface to the Name and Finger programs at several network sites. These programs return a friendly, human-oriented status report on either the system at the moment or a particular person in depth.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1288.txt">http://www.ietf.org/rfc/rfc1288.txt</a>
<b>Global ID</b>	L4:79
<b>ID</b>	14
<b>Known Mappings</b>	
UDP Port	79
TCP Port	79
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FIRE

<b>Name/CLI Keyword</b>	fire
<b>Full Name</b>	Fire
<b>Description</b>	Registered with IANA as IP Protocol 125
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:125
<b>ID</b>	879
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	125
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FIX

<b>Name/CLI Keyword</b>	fix
<b>Full Name</b>	Financial Information eXchange
<b>Description</b>	Financial Information eXchange (FIX) is a standard way to communicate trading information electronically between brokers, institutions and markets. The underlying protocol is SSL.
<b>Reference</b>	<a href="http://www.fixprotocol.org/what-is-fix.shtml">http://www.fixprotocol.org/what-is-fix.shtml</a>
<b>Global ID</b>	L7:74
<b>ID</b>	74
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy



# FLASH-VIDEO

<b>Name/CLI Keyword</b>	flash-video
<b>Full Name</b>	Flash Video
<b>Description</b>	Flash video is a format used to stream videos on the web; the user only needs a flash player in order to view a flash video. The format uses HTTP as its underlying protocol.
<b>Reference</b>	<a href="http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf">http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf</a>
<b>Global ID</b>	L7:299
<b>ID</b>	117
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# FLASHMYSPACE

<b>Name/CLI Keyword</b>	flashmyspace
<b>Full Name</b>	Flash Myspace
<b>Description</b>	Flash-myspace is a flash based video originated by MySpace website. Flash video is a format used to stream videos on the web, the user required only for a flash player in order to view a flash video.
<b>Reference</b>	<a href="http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf">http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf</a>
<b>Global ID</b>	L7:300
<b>ID</b>	119
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# FLASHYAHOO

<b>Name/CLI Keyword</b>	flashyaho
<b>Full Name</b>	Flash Yahoo
<b>Description</b>	Flash video is a format used to stream videos on the web; the user only needs a flash player in order to view a flash video. The format uses HTTP as its underlying protocol. Flash-Yahoo is the same as Flash video protocol, but specifically from the Yahoo website.
<b>Reference</b>	<a href="http://developer.yahoo.com/flash/">http://developer.yahoo.com/flash/</a>
<b>Global ID</b>	L7:301
<b>ID</b>	118
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# FLEXLM

<b>Name/CLI Keyword</b>	flexlm
<b>Full Name</b>	Flexible License Manager
<b>Description</b>	FlexNet Publisher (formerly known as FLEXlm) is a software license manager which implements license management and is intended to be used in corporate environments to provide floating licenses to multiple end users of computer software.
<b>Reference</b>	<a href="http://www.flexerasoftware.com/products/flexnet-publisher.htm">http://www.flexerasoftware.com/products/flexnet-publisher.htm</a>
<b>Global ID</b>	L4:744
<b>ID</b>	620
<b>Known Mappings</b>	
UDP Port	744
TCP Port	744
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	license-manager
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FLN-SPX

<b>Name/CLI Keyword</b>	fln-spx
<b>Full Name</b>	Berkeley rlogind with SPX auth
<b>Description</b>	Registered with IANA on port 221 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:221
<b>ID</b>	1118
<b>Known Mappings</b>	
UDP Port	221
TCP Port	221
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FONT-SERVICE

<b>Name/CLI Keyword</b>	font-service
<b>Full Name</b>	X Font Service
<b>Description</b>	The X Font Server is a service that serves font files to its clients. Clients connect to the server to request a font set, and the server reads the font files off the disk and serves them to the clients.
<b>Reference</b>	<a href="http://docs.oracle.com/cd/E18728_01/html/821-2848/dsdl_sample-2.html">http://docs.oracle.com/cd/E18728_01/html/821-2848/dsdl_sample-2.html</a>
<b>Global ID</b>	L4:7100
<b>ID</b>	1370
<b>Known Mappings</b>	
UDP Port	7100
TCP Port	7100
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FRING-VIDEO

<b>Name/CLI Keyword</b>	fring-video
<b>Full Name</b>	Fring Video
<b>Description</b>	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match.  Fring Video refers to Fring video calls. Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia.
<b>Reference</b>	<a href="http://www.fring.com/what-is-fring">http://www.fring.com/what-is-fring</a>
<b>Global ID</b>	L7:60
<b>ID</b>	1040
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fring-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	fring-voip

# FRING-VOIP

<b>Name/CLI Keyword</b>	fring-voip
<b>Full Name</b>	Fring VoIP
<b>Description</b>	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match.  Fring VoIP refers to Fring audio calls. Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia.
<b>Reference</b>	<a href="http://www.fring.com/what-is-fring">http://www.fring.com/what-is-fring</a>
<b>Global ID</b>	L7:444
<b>ID</b>	1053
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fring-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# FRING

<b>Name/CLI Keyword</b>	fring
<b>Full Name</b>	Fring
<b>Description</b>	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match. Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia. Fring refers to session initiation, IM and Ads.
<b>Reference</b>	<a href="http://www.fring.com/what-is-fring">http://www.fring.com/what-is-fring</a>
<b>Global ID</b>	L7:54
<b>ID</b>	1052
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fring-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# FTP-AGENT

<b>Name/CLI Keyword</b>	ftp-agent
<b>Full Name</b>	FTP Software Agent System
<b>Description</b>	Registered with IANA on port 574 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:574
<b>ID</b>	488
<b>Known Mappings</b>	
UDP Port	574
TCP Port	574
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FTP-DATA

<b>Name/CLI Keyword</b>	ftp-data
<b>Full Name</b>	File Transfer [Default Data]
<b>Description</b>	FTP is built on a client-server architecture and uses separate control and data connections between the client and the server. FTP users may authenticate themselves using a clear-text sign-in protocol, normally in the form of a username and password, but can connect anonymously if the server is configured to allow it.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc959">http://tools.ietf.org/html/rfc959</a>
<b>Global ID</b>	L4:20
<b>ID</b>	909
<b>Known Mappings</b>	
UDP Port	20
TCP Port	20
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FTP

<b>Name/CLI Keyword</b>	ftp
<b>Full Name</b>	File Transfer Protocol
<b>Description</b>	File Transfer Protocol (FTP) is used to transfer files between hosts over TCP networks and is based on client-server architecture. An FTP server usually listens on port 21.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc959.txt">http://www.ietf.org/rfc/rfc959.txt</a>
<b>Global ID</b>	L4:21
<b>ID</b>	2
<b>Known Mappings</b>	
UDP Port	
TCP Port	21,21000
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# FTPS-DATA

<b>Name/CLI Keyword</b>	ftps-data
<b>Full Name</b>	Secure FTP Data
<b>Description</b>	FTPS (also known as FTP Secure and FTP-SSL) is an extension to the commonly used File Transfer Protocol (FTP) that adds support for the Transport Layer Security (TLS) and the Secure Sockets Layer (SSL) cryptographic protocols.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/FTPS">http://en.wikipedia.org/wiki/FTPS</a>
<b>Global ID</b>	L4:989
<b>ID</b>	668
<b>Known Mappings</b>	
UDP Port	-
TCP Port	989
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## FUJITSU-DEV

<b>Name/CLI Keyword</b>	fujitsu-dev
<b>Full Name</b>	Fujitsu Device Control
<b>Description</b>	Fujitsu Device Control is a system that controls devices within a house, to reduce the effort required of a user during authentication, as well as to prevent unauthorized access by a third party. By Fujitsu Limited, a Japanese IT services provider.
<b>Reference</b>	<a href="http://www.fujitsu.com/global/">http://www.fujitsu.com/global/</a>
<b>Global ID</b>	L4:747
<b>ID</b>	621
<b>Known Mappings</b>	
UDP Port	747
TCP Port	747
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## GACP through GTP-USER

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# GACP

<b>Name/CLI Keyword</b>	gacp
<b>Full Name</b>	Gateway Access Control Protocol
<b>Description</b>	Registered with IANA on port 190 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:190
<b>ID</b>	1034
<b>Known Mappings</b>	
UDP Port	190
TCP Port	190
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GAME-SPY

<b>Name/CLI Keyword</b>	game-spy
<b>Full Name</b>	Game-spy Online Gaming
<b>Description</b>	GameSpy is network of game websites that provides online video game related services and software. GameSpy is available on PC and many other game platforms.
<b>Reference</b>	<a href="http://www.gamespy.com/">http://www.gamespy.com/</a>
<b>Global ID</b>	L7:506
<b>ID</b>	1349
<b>Known Mappings</b>	
UDP Port	6515,27900
TCP Port	6500,28900
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GBRIDGE

<b>Name/CLI Keyword</b>	gbridge
<b>Full Name</b>	Gbridge
<b>Description</b>	Gbridge is a free software that allows users to control PCs remotely, sync folders, share files and chat securely using a Google Account.
<b>Reference</b>	<a href="http://www.gbridge.com">http://www.gbridge.com</a>
<b>Global ID</b>	L7:530
<b>ID</b>	1465
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	consumer-multimedia-messaging
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# GDOMAP

<b>Name/CLI Keyword</b>	gdomap
<b>Full Name</b>	gdomap
<b>Description</b>	The gdomap daemon is used by GNUstep programs to look up distributed objects of processes running across the network (and between different user accounts on a single machine). The daemon is not used for lookup where two processes belonging to the same user are using a host-local connection.
<b>Reference</b>	<a href="http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html">http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html</a>
<b>Global ID</b>	L4:538
<b>ID</b>	456
<b>Known Mappings</b>	
UDP Port	538
TCP Port	538
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GDS\_DB

<b>Name/CLI Keyword</b>	gds_db
<b>Full Name</b>	GDS DataBase
<b>Description</b>	Registered with IANA on port 3050 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3050
<b>ID</b>	1343
<b>Known Mappings</b>	
UDP Port	3050
TCP Port	3050
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GENIE

<b>Name/CLI Keyword</b>	genie
<b>Full Name</b>	Genie Protocol
<b>Description</b>	Registered with IANA on port 402 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:402
<b>ID</b>	317
<b>Known Mappings</b>	
UDP Port	402
TCP Port	402
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GENRAD-MUX

<b>Name/CLI Keyword</b>	genrad-mux
<b>Full Name</b>	Genrad Mux
<b>Description</b>	Registered with IANA on port 176 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:176
<b>ID</b>	1021
<b>Known Mappings</b>	
UDP Port	176
TCP Port	176
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GGF-NCP

<b>Name/CLI Keyword</b>	ggf-ncp
<b>Full Name</b>	GNU Generation Foundation NCP
<b>Description</b>	Registered with IANA on port 678 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:678
<b>ID</b>	586
<b>Known Mappings</b>	
UDP Port	678
TCP Port	678
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# GGP

<b>Name/CLI Keyword</b>	ggp
<b>Full Name</b>	Gateway-to-Gateway Protocol
<b>Description</b>	The Gateway-to-Gateway Protocol (GGP) is an obsolete protocol defined for routing datagrams between internet gateways. The Gateway-to-Gateway Protocol was designed as an Internet Protocol (IP) datagram service similar to the Transmission Control Protocol (TCP) and the User Datagram Protocol (UDP). However, it is classified as an Internet Layer protocol. GGP uses a minimum hop algorithm, by which it measures distance in router hops. A router is defined to be zero hops from directly connected networks and one hop from networks that are reachable through one other gateway. The protocol implements a distributed shortest-path methodology, and therefore requires global convergence of the routing tables after any change of link connectivity in the network.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol">http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol</a>
<b>Global ID</b>	L3:3
<b>ID</b>	759
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	3
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GINAD

<b>Name/CLI Keyword</b>	ginad
<b>Full Name</b>	ginad
<b>Description</b>	Registered with IANA on port 634 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:634
<b>ID</b>	543
<b>Known Mappings</b>	
UDP Port	634
TCP Port	634
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GKRELLM

<b>Name/CLI Keyword</b>	gkrellm
<b>Full Name</b>	GNU Krell Monitors
<b>Description</b>	GNU Krell Monitors (GKrellM) is a computer program based on the GTK+ toolkit that creates a single process stack of system monitors. It can be used to monitor the status of CPUs, main memory, hard disks, network interfaces, local and remote mailboxes, and many other things. Plugins are available for a multitude of tasks, for example, controlling the XMMS media player or a SETI@home client from within the stacked monitor. GKrellM is popular among users of Linux and other Unix-like operating systems.
<b>Reference</b>	<a href="http://www.gkrellm.net/">http://www.gkrellm.net/</a>
<b>Global ID</b>	L4:19150
<b>ID</b>	1344
<b>Known Mappings</b>	
UDP Port	
TCP Port	19150
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GMAIL

<b>Name/CLI Keyword</b>	gmail
<b>Full Name</b>	Gmail
<b>Description</b>	GMAIL is a free web based email service provided by Google Inc. The underlying protocols for GMAIL are SSL and HTTP.
<b>Reference</b>	<a href="http://mail.google.com/mail/">http://mail.google.com/mail/</a>
<b>Global ID</b>	L7:462
<b>ID</b>	1073
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# GMTP

<b>Name/CLI Keyword</b>	gntp
<b>Full Name</b>	GMTP
<b>Description</b>	Graphical Media Transfer Protocol (gMTP) is a lightweight graphical MTP media client for UNIX and UNIX-like systems. It supports all MTP-based devices including MP3 players, Media Players, Tablets and Mobile Phones. gMTP Is IP protocol number 100.
<b>Reference</b>	<a href="http://gntp.sourceforge.net">http://gntp.sourceforge.net</a>
<b>Global ID</b>	L3:100
<b>ID</b>	854
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	100
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GNUTELLA

<b>Name/CLI Keyword</b>	gnutella
<b>Full Name</b>	Gnutella
<b>Description</b>	Gnutella is decentralized and open-source peer-to-peer file sharing protocol used by various clients such as BearShare, Shareeza, Morpheus, etc. Using a Gnutella client, files can be shared, located and downloaded by another Gnutella client.
<b>Reference</b>	<a href="http://rfc-gnutella.sourceforge.net/">http://rfc-gnutella.sourceforge.net/</a>
<b>Global ID</b>	L7:58
<b>ID</b>	58
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gnutella-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# GO-LOGIN

<b>Name/CLI Keyword</b>	go-login
<b>Full Name</b>	GraphOn Login
<b>Description</b>	GraphOn Login is a protocol used by GraphOn, a company that develops secure cloud application delivery solutions.
<b>Reference</b>	<a href="http://www.graphon.com/">http://www.graphon.com/</a>
<b>Global ID</b>	L4:491
<b>ID</b>	405
<b>Known Mappings</b>	
UDP Port	491
TCP Port	491
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GOBOOGY

<b>Name/CLI Keyword</b>	goboogy
<b>Full Name</b>	GoBoogy
<b>Description</b>	A korean P2P file sharing software.
<b>Reference</b>	<a href="http://goboogy.com/">http://goboogy.com/</a>
<b>Global ID</b>	L4:5325
<b>ID</b>	1345
<b>Known Mappings</b>	
UDP Port	5325
TCP Port	5325
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-file-sharing
<b>Sub Category</b>	file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# GOOGLE-ACCOUNTS

<b>Name/CLI Keyword</b>	google-accounts
<b>Full Name</b>	Google Accounts Authentication
<b>Description</b>	Google Accounts Authentication protocol covers the traffic logging into Google services using Google certificates.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_Account">http://en.wikipedia.org/wiki/Google_Account</a>
<b>Global ID</b>	L7:528
<b>ID</b>	1440
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	browsing
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# GOOGLE-DOCS

<b>Name/CLI Keyword</b>	google-docs
<b>Full Name</b>	Google Docs\Drive
<b>Description</b>	Google Docs also known as Google Drive, is a free, web-based office suite and data storage service, offered by Google Inc. It enables the user to create and edit documents in different formats. In addition, it allows to upload, host view and share files with other users.
<b>Reference</b>	<a href="https://docs.google.com/#home">https://docs.google.com/#home</a>
<b>Global ID</b>	L7:522
<b>ID</b>	1458
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# GOOGLE-EARTH

<b>Name/CLI Keyword</b>	google-earth
<b>Full Name</b>	Google Earth
<b>Description</b>	Google Earth is an application that lets the user view the world virtually through satellite imagery, maps and 3D buildings, etc. The application runs on Windows, MAC and Linux OS. The underlying protocol of Google Earth is HTTP.
<b>Reference</b>	<a href="http://www.google.com/earth/index.html">http://www.google.com/earth/index.html</a>
<b>Global ID</b>	L7:441
<b>ID</b>	897
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	location-based-services
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# GOOGLE-PLAY

<b>Name/CLI Keyword</b>	google-play
<b>Full Name</b>	Google Play
<b>Description</b>	Google Play, formerly known as Android Market, is a Google operated digital store for applications developed with the Android operating system SDK, published through Google.
<b>Reference</b>	<a href="https://play.google.com">https://play.google.com</a>
<b>Global ID</b>	L7:589
<b>ID</b>	1528
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# GOOGLE-PLUS

<b>Name/CLI Keyword</b>	google-plus
<b>Full Name</b>	Google+
<b>Description</b>	Google plus is a social networking web and mobile application provided by Google Inc. It enables the user to open account, invite other friends and sort them into circles. It also has features such as chat, video chat, games, apps, photos sharing and more.
<b>Reference</b>	<a href="https://plus.google.com/">https://plus.google.com/</a>
<b>Global ID</b>	L7:521
<b>ID</b>	1457
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	social-networking
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# GOOGLE-SERVICES

<b>Name/CLI Keyword</b>	google-services
<b>Full Name</b>	Google Services
<b>Description</b>	google-services is a set of tools and APIs used by Google applications.
<b>Reference</b>	<a href="https://www.google.com/">https://www.google.com/</a>
<b>Global ID</b>	L7:520
<b>ID</b>	1456
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# GOPHER

<b>Name/CLI Keyword</b>	gopher
<b>Full Name</b>	Gopher
<b>Description</b>	Gopher is a TCP/IP application layer protocol designed for distributing, searching, and retrieving documents over the Internet. The protocol is based on a client-server architecture and usually uses TCP port 70 as default.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1436">http://tools.ietf.org/html/rfc1436</a>
<b>Global ID</b>	L4:70
<b>ID</b>	15
<b>Known Mappings</b>	
UDP Port	70
TCP Port	70
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GOTODEVICE

<b>Name/CLI Keyword</b>	gotodevice
<b>Full Name</b>	GotoDevice
<b>Description</b>	GoToDevice is a cross-platform control and administration software. It offers the remote manager different management options such as remote control of the desktop, file system browsing, services and processes control, registry editing and viewing. The software usually uses TCP/UDP port 2217.
<b>Reference</b>	<a href="http://www.gotodevice.com/">http://www.gotodevice.com/</a>
<b>Global ID</b>	L4:2217
<b>ID</b>	1346
<b>Known Mappings</b>	
UDP Port	2217
TCP Port	2217
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	desktop-virtualization
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# GOTOMYPC

<b>Name/CLI Keyword</b>	gotomypc
<b>Full Name</b>	Gotomypc
<b>Description</b>	GoToMyPC is a remote control software service that enables users to operate their computer remotely from any device. It is produced by Critix Online.
<b>Reference</b>	<a href="http://www.gotomypc.com/">http://www.gotomypc.com/</a>
<b>Global ID</b>	L7:499
<b>ID</b>	1435
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# GRAPHICS

<b>Name/CLI Keyword</b>	graphics
<b>Full Name</b>	Graphics
<b>Description</b>	Registered with IANA on port 41 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:41
<b>ID</b>	921
<b>Known Mappings</b>	
UDP Port	41
TCP Port	41
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GRE

<b>Name/CLI Keyword</b>	gre
<b>Full Name</b>	Generic Route Encapsulation
<b>Description</b>	Generic Routing Encapsulation (GRE) is a protocol used for encapsulation of a network layer over another. The protocol encapsulates the packet and saves the protocol type of the payload packet so the receivers know what network layer was encapsulated, and digests the packet respectively. Usually the protocol uses IP port 47.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2784">http://tools.ietf.org/html/rfc2784</a>
<b>Global ID</b>	L3:47
<b>ID</b>	5
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	47
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GRIDFTP

<b>Name/CLI Keyword</b>	gridftp
<b>Full Name</b>	Grid FTP
<b>Description</b>	GridFTP is an extension of the standard File Transfer Protocol (FTP) for use with Grid computing. It is defined as part of the Globus toolkit, under the organization of the Global Grid Forum. The aim of GridFTP is to provide a more reliable and high performance file transfer for Grid computing applications.
<b>Reference</b>	<a href="http://www.globus.org/grid_software/data/gridftp.php">http://www.globus.org/grid_software/data/gridftp.php</a>
<b>Global ID</b>	L7:451
<b>ID</b>	1309
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ftp

# GROOVE

<b>Name/CLI Keyword</b>	groove
<b>Full Name</b>	Groove
<b>Description</b>	Microsoft SharePoint Workspace, previously known as Microsoft Office Groove, is a desktop application designed for document collaboration in teams with members who are regularly off-line or who do not share the same network security clearance.
<b>Reference</b>	<a href="http://office.com/sharepoint-workspace/">http://office.com/sharepoint-workspace/</a>
<b>Global ID</b>	L4:2492
<b>ID</b>	715
<b>Known Mappings</b>	
UDP Port	2492
TCP Port	2492
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GROUPWISE

<b>Name/CLI Keyword</b>	groupwise
<b>Full Name</b>	Groupwise
<b>Description</b>	Novell GroupWise is a messaging and collaborative (groupware) platform that provides email, instant messaging, calendar, documents and personal information management. The platform is based on a client-server architecture where client software is available for Windows, Mac OS X, and Linux and server software is supported on Windows Server, NetWare, and Linux. GroupWise usually uses TCP/UDP port 1677.
<b>Reference</b>	<a href="http://www.novell.com/products/groupwise/">http://www.novell.com/products/groupwise/</a>
<b>Global ID</b>	L4:1677
<b>ID</b>	1347
<b>Known Mappings</b>	
UDP Port	1677
TCP Port	1677
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GSIFTP

<b>Name/CLI Keyword</b>	gsiftp
<b>Full Name</b>	Globus GridFTP
<b>Description</b>	The Globus GridFTP (GSI-FTP, Grid Security Infrastructure) server and client tools and libraries make up a robust product suite designed to move large amounts of data faster, more securely, and more reliably than standard FTP.
<b>Reference</b>	<a href="http://www.globus.org/toolkit/data/gridftp/">http://www.globus.org/toolkit/data/gridftp/</a>
<b>Global ID</b>	L4:2811
<b>ID</b>	1313
<b>Known Mappings</b>	
UDP Port	2811
TCP Port	2811
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GSS-HTTP

<b>Name/CLI Keyword</b>	gss-http
<b>Full Name</b>	GSS-HTTP
<b>Description</b>	GSS-HTTP is an authentication mechanism for HTTP based on a multi-roundrip handshake using base64-encoded GSS-API tokens encoded in the WWW-Authenticate Response Header and the Authorization Request Header.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4">http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4</a>
<b>Global ID</b>	L4:488
<b>ID</b>	402
<b>Known Mappings</b>	
UDP Port	488
TCP Port	488
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# GSS-XLICEN

<b>Name/CLI Keyword</b>	gss-xlicen
<b>Full Name</b>	GNU Generation Foundation NCP
<b>Description</b>	Registered with IANA on port 128 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:128
<b>ID</b>	997
<b>Known Mappings</b>	
UDP Port	128
TCP Port	128
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	license-manager
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# GTALK-CHAT

<b>Name/CLI Keyword</b>	gtalk-chat
<b>Full Name</b>	Google Talk Chat
<b>Description</b>	Google Talk Chat is the instant messaging feature of Google Talk. The underlying protocol for Google Talk Chat is Extensible Messaging and Presence Protocol (XMPP), which allows users of other XMPP clients to communicate with Google Talk users. Google Talk is now being replaced by Google Hangouts.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>
<b>Global ID</b>	L7:464
<b>ID</b>	1324
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gtalk-group
<b>Category</b>	instant-messaging
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,xmpp-client

# GTALK-FT

<b>Name/CLI Keyword</b>	gtalk-ft
<b>Full Name</b>	Google Talk File Transfer
<b>Description</b>	Google Talk File Transfer (FT) is a feature of Google Talk (GTALK) that allows users to transfer files via GTALK. The underlying protocols for Google Talk File Transfer are Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>
<b>Global ID</b>	L7:308
<b>ID</b>	1201
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gtalk-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	file-sharing
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	stun-nat,ssl

# GTALK-VIDEO

<b>Name/CLI Keyword</b>	gtalk-video
<b>Full Name</b>	Google Talk Video
<b>Description</b>	Google talk-video is a feature of GTALK that allows users to make video calls via Google-talk (GTALK). The underlying protocols for GTALK-VIDEO are GTALK, STUN and HTTP. Google Talk is now being replaced by Google Hangouts.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>
<b>Global ID</b>	L7:471
<b>ID</b>	1403
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gtalk-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	stun-nat,gtalk,ssl,http

# GTALK-VOIP

<b>Name/CLI Keyword</b>	gtalk-voip
<b>Full Name</b>	Google Talk Voice
<b>Description</b>	Google Talk Voice is a feature of Google Talk (GTALK) that allows users to make VoIP calls. The protocol is based on Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>
<b>Global ID</b>	L7:305
<b>ID</b>	1198
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gtalk-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	stun-nat,gtalk,ssl,rtp,http

# GTALK

<b>Name/CLI Keyword</b>	gtalk
<b>Full Name</b>	Google Talk
<b>Description</b>	Google Talk (GTALK) is an instant messaging service that provides both text and voice communication. Gtalk is available as an application or as a plugin in gmail. Gtalk service is being replaced with Hangouts "service".
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>
<b>Global ID</b>	L7:470
<b>ID</b>	1030
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gtalk-group
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,stun-nat,http

# GTP-USER

<b>Name/CLI Keyword</b>	gtp-user
<b>Full Name</b>	GTP-User Plane (3GPP)
<b>Description</b>	GTP-U is a GPRS Tunneling Protocol used for carrying user data within the GPRS Core Network and between the Radio Access Network and the core network. The user data transported can be packets in any of IPv4, IPv6, or PPP formats.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol">http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol</a>
<b>Global ID</b>	L4:2152
<b>ID</b>	740
<b>Known Mappings</b>	
UDP Port	2152
TCP Port	2152
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-







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# H323

<b>Name/CLI Keyword</b>	h323
<b>Full Name</b>	H.323
<b>Description</b>	H.323 is a recommendation from the ITU Telecommunication Standardization Sector (ITU-T) that defines the protocols to provide audio-visual communication sessions on any packet network. The H.323 standard addresses call signaling and control, multimedia transport and control, and bandwidth control for point-to-point and multi-point conferences.
<b>Reference</b>	<a href="http://www.h323forum.org/">http://www.h323forum.org/</a>
<b>Global ID</b>	L7:64
<b>ID</b>	64
<b>Known Mappings</b>	
UDP Port	11720,1300,1718,1719,1720
TCP Port	11720,1300,1718,1719,1720
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HA-CLUSTER

<b>Name/CLI Keyword</b>	ha-cluster
<b>Full Name</b>	ha-cluster
<b>Description</b>	High-availability clusters (also known as HA clusters or failover clusters) are groups of computers that support server applications that can be reliably utilized with a minimum of downtime. They operate by harnessing redundant computers in groups or clusters that provide continued service when system components fail. HA clusters usually use a private network connection to monitor the health and status of each node in the cluster.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Ha-cluster">http://en.wikipedia.org/wiki/Ha-cluster</a>
<b>Global ID</b>	L4:694
<b>ID</b>	602
<b>Known Mappings</b>	
UDP Port	694
TCP Port	694
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HAMACHI

<b>Name/CLI Keyword</b>	hamachi
<b>Full Name</b>	Hamachi VPN Application
<b>Description</b>	Hamachi is a zero-configuration virtual private network (VPN) shareware application that is capable of establishing direct links between computers that are behind NAT firewalls without requiring reconfiguration. It is available for Microsoft Windows, Linux and MAC OS.
<b>Reference</b>	<a href="http://www.hamachi.cc/">http://www.hamachi.cc/</a>
<b>Global ID</b>	L4:10080
<b>ID</b>	1382
<b>Known Mappings</b>	
UDP Port	
TCP Port	10080,12975
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HAP

<b>Name/CLI Keyword</b>	hap
<b>Full Name</b>	Host Access Protocol
<b>Description</b>	The Host Access Protocol (HAP) is a network layer protocol that defines the different types of host-to-network control messages and host-to-host data messages that may be exchanged over the access link connecting a host and the network packet switch node. The protocol establishes formats for these messages, and describes procedures for determining when each type of message should be transmitted and what it means when one is received.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1221">http://tools.ietf.org/html/rfc1221</a>
<b>Global ID</b>	L4:661
<b>ID</b>	569
<b>Known Mappings</b>	
UDP Port	661
TCP Port	661
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	trojan
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HASSLE

<b>Name/CLI Keyword</b>	hassle
<b>Full Name</b>	Hierarchical Access System for Sequence Libraries in Europe
<b>Description</b>	Registered with IANA on port 375 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:375
<b>ID</b>	291
<b>Known Mappings</b>	
UDP Port	375
TCP Port	375
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HCP-WISMAR

<b>Name/CLI Keyword</b>	hcp-wismar
<b>Full Name</b>	Hardware Control Protocol Wismar
<b>Description</b>	Registered with IANA on port 686 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:686
<b>ID</b>	594
<b>Known Mappings</b>	
UDP Port	686
TCP Port	686
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HDAP

<b>Name/CLI Keyword</b>	hdap
<b>Full Name</b>	HDAP
<b>Description</b>	Registered with IANA on port 263 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:263
<b>ID</b>	1135
<b>Known Mappings</b>	
UDP Port	263
TCP Port	263
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# HELLO-PORT

<b>Name/CLI Keyword</b>	hello-port
<b>Full Name</b>	HELLO Port
<b>Description</b>	The Dynamic Tunnel Configuration Protocol (DTCP) protocol provides a means for receivers to dynamically discover the presence of feeds and to maintain a list of operational tunnel end-points. Feeds periodically announce their tunnel end-point addresses over the unidirectional link using the HELLO message.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3077">http://tools.ietf.org/html/rfc3077</a>
<b>Global ID</b>	L4:652
<b>ID</b>	561
<b>Known Mappings</b>	
UDP Port	652
TCP Port	652
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HEMS

<b>Name/CLI Keyword</b>	hems
<b>Full Name</b>	High-Level Entity Management System
<b>Description</b>	High-Level Entity Management System (HEMS) is made up of three parts: a query processor which can reside on any addressable entity, an event generator which also resides on entities, and applications which know how to send requests to the query processor and interpret the replies.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1021">http://tools.ietf.org/html/rfc1021</a>
<b>Global ID</b>	L4:151
<b>ID</b>	981
<b>Known Mappings</b>	
UDP Port	151
TCP Port	151
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HEROIX-LONGITUDE

<b>Name/CLI Keyword</b>	heroix-longitude
<b>Full Name</b>	Heroix Longitude
<b>Description</b>	Heroix Longitude is a self-service applications and networking performance monitoring solution. It delivers immediate, comprehensive performance information to solve multiple monitoring challenges.
<b>Reference</b>	<a href="http://www.heroix.com/longitude_overview.html">http://www.heroix.com/longitude_overview.html</a>
<b>Global ID</b>	L4:7220
<b>ID</b>	1383
<b>Known Mappings</b>	
UDP Port	
TCP Port	7220,7223
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HIP

<b>Name/CLI Keyword</b>	hip
<b>Full Name</b>	Host Identity Protocol
<b>Description</b>	The Host Identity Protocol (HIP) is a host identification technology for use on Internet Protocol (IP) networks. The Internet has two main name spaces, IP addresses and the Domain Name System. HIP separates the end-point identifier and locator roles of IP addresses. It introduces a Host Identity (HI) name space, based on a public key security infrastructure.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5201">http://tools.ietf.org/html/rfc5201</a>
<b>Global ID</b>	L3:139
<b>ID</b>	1237
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	139
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HITACHI-SPC

<b>Name/CLI Keyword</b>	hitachi-spc
<b>Full Name</b>	Hitachi Universal Storage Platform
<b>Description</b>	Hitachi Universal Storage Platform is the brand name for an Hitachi Data Systems line of enterprise storage arrays.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Universal_Storage_Platform">http://en.wikipedia.org/wiki/Universal_Storage_Platform</a>
<b>Global ID</b>	L4:20016
<b>ID</b>	1348
<b>Known Mappings</b>	
UDP Port	
TCP Port	20016
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## HL7

<b>Name/CLI Keyword</b>	hl7
<b>Full Name</b>	Health Level 7
<b>Description</b>	Health Level Seven is a protocol designated to exchange information between health applications. The protocol is messaged based and can give the client various information regarding his health.
<b>Reference</b>	<a href="http://www.hl7.org/about/index.cfm?ref=nav">http://www.hl7.org/about/index.cfm?ref=nav</a>
<b>Global ID</b>	L7:73
<b>ID</b>	73
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HMMP-IND

<b>Name/CLI Keyword</b>	hmmp-ind
<b>Full Name</b>	HMMP Indication
<b>Description</b>	Registered with IANA on port 612 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:612
<b>ID</b>	521
<b>Known Mappings</b>	
UDP Port	612
TCP Port	612
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HMMP-OP

<b>Name/CLI Keyword</b>	hmmp-op
<b>Full Name</b>	HMMP Operation
<b>Description</b>	Registered with IANA on port 613 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:613
<b>ID</b>	522
<b>Known Mappings</b>	
UDP Port	613
TCP Port	613
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# HMP

<b>Name/CLI Keyword</b>	hmp
<b>Full Name</b>	Host Monitoring Protocol
<b>Description</b>	The Host Monitoring Protocol (HMP) is a connection less transport protocol. It was designed to facilitate certain simple interactions between two internet entities, one of which may be considered to be monitoring the other. It is used to collect information from Internet Gateways and TACs, and from hosts in various networks.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc869">http://tools.ietf.org/html/rfc869</a>
<b>Global ID</b>	L3:20
<b>ID</b>	774
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	20
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HOPOPT

<b>Name/CLI Keyword</b>	hopopt
<b>Full Name</b>	hopopt
<b>Description</b>	DEPRECATED traffic will not match
<b>Reference</b>	
<b>Global ID</b>	L3:0
<b>ID</b>	756
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HOSTNAME

<b>Name/CLI Keyword</b>	hostname
<b>Full Name</b>	NIC Internet Hostname Server
<b>Description</b>	NIC Internet Hostname Server is a TCP-based host information program and protocol running on the SRI-NIC machine. The function of this particular server is to deliver machine-readable name/address information describing networks, gateways, hosts and eventually domains, within the internet environment. As currently implemented, the server provides the information outlined in the DoD Internet Host Table Specification.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc953">http://tools.ietf.org/html/rfc953</a>
<b>Global ID</b>	L4:101
<b>ID</b>	972
<b>Known Mappings</b>	
UDP Port	101
TCP Port	101
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HOTMAIL

<b>Name/CLI Keyword</b>	hotmail
<b>Full Name</b>	Hotmail Email Services
<b>Description</b>	Hotmail is a well-known email service provider, it is also known as Microsoft Hotmail and Live Hotmail; it provides email services (send, receive, file attachments, ... etc.) and Hotmail Calendar service as well. Hotmail service is replaced with Outlook.com.
<b>Reference</b>	<a href="http://www.hotmail.com">http://www.hotmail.com</a>
<b>Global ID</b>	L7:511
<b>ID</b>	1446
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HP-ALARM-MGR

<b>Name/CLI Keyword</b>	hp-alarm-mgr
<b>Full Name</b>	HP Network Management Center.
<b>Description</b>	Used by HP OpenView product family that consists of network and systems management products. In 2007, HP OpenView was rebranded as HP Network Management Center.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/HP_OpenView">http://en.wikipedia.org/wiki/HP_OpenView</a>
<b>Global ID</b>	L4:383
<b>ID</b>	299
<b>Known Mappings</b>	
UDP Port	383
TCP Port	383
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HP-COLLECTOR

<b>Name/CLI Keyword</b>	hp-collector
<b>Full Name</b>	HP Performance Data Collector
<b>Description</b>	Registered with IANA on port 381 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:381
<b>ID</b>	297
<b>Known Mappings</b>	
UDP Port	381
TCP Port	381
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## HP-MANAGED-NODE

<b>Name/CLI Keyword</b>	hp-managed-node
<b>Full Name</b>	HP Performance Data Managed Node
<b>Description</b>	The HP OpenView Performance manager, agents, and monitor combine to provide flexible distributed management solution. This solution is a single interface for centrally monitoring, analyzing, and forecasting resource utilization for distributed multivendor environments.
<b>Reference</b>	<a href="https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=PERFMINFO">https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=PERFMINFO</a>
<b>Global ID</b>	L4:382
<b>ID</b>	298
<b>Known Mappings</b>	
UDP Port	382
TCP Port	382
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HP-PDL-DATASTR

<b>Name/CLI Keyword</b>	hp-pdl-datastr
<b>Full Name</b>	PDL data streaming port
<b>Description</b>	Registered with IANA on port 9100 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:9100
<b>ID</b>	1384
<b>Known Mappings</b>	
UDP Port	9100
TCP Port	9100
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# HTC-SERVICES

<b>Name/CLI Keyword</b>	htc-services
<b>Full Name</b>	HTC Services
<b>Description</b>	HTC Services are HTC mobile devices software support and HTC website traffic.
<b>Reference</b>	<a href="http://www.htc.com">http://www.htc.com</a>
<b>Global ID</b>	L7:595
<b>ID</b>	1534
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# HTTP-ALT

<b>Name/CLI Keyword</b>	http-alt
<b>Full Name</b>	HTTP Alternate
<b>Description</b>	HTTP Alternate is alternative port to port 80 that is used by HTTP.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2616.txt">http://www.ietf.org/rfc/rfc2616.txt</a>
<b>Global ID</b>	L4:591
<b>ID</b>	505
<b>Known Mappings</b>	
UDP Port	8080
TCP Port	8080
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HTTP-MGMT

<b>Name/CLI Keyword</b>	http-mgmt
<b>Full Name</b>	HTTP Management
<b>Description</b>	Registered with IANA on port 280 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:280
<b>ID</b>	1141
<b>Known Mappings</b>	
UDP Port	280
TCP Port	280
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HTTP-RPC-EPMAP

<b>Name/CLI Keyword</b>	http-rpc-epmap
<b>Full Name</b>	HTTP RPC Ep Map
<b>Description</b>	The http-rpc-epmap endpoint mapper provides CIS (COM+ Internet Services) parameters for RPC (Remote Procedure Call).
<b>Reference</b>	<a href="http://www.cavionplus.com/pdfs/RVA_Sample.pdf">http://www.cavionplus.com/pdfs/RVA_Sample.pdf</a>
<b>Global ID</b>	L4:593
<b>ID</b>	507
<b>Known Mappings</b>	
UDP Port	593
TCP Port	593
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HTTP

<b>Name/CLI Keyword</b>	http
<b>Full Name</b>	HyperText Transfer Protocol
<b>Description</b>	Hypertext Transfer Protocol (HTTP) is a standard for communication between web browsers and servers over the World Wide Web. The protocol works in a request-response manner over a client server computing model. The server usually listens on port 80.
<b>Reference</b>	<a href="http://www.w3.org/Protocols/rfc2616/rfc2616.html">http://www.w3.org/Protocols/rfc2616/rfc2616.html</a>
<b>Global ID</b>	L4:80
<b>ID</b>	3
<b>Known Mappings</b>	
UDP Port	
TCP Port	80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HULU

<b>Name/CLI Keyword</b>	hulu
<b>Full Name</b>	Hulu
<b>Description</b>	Hulu is a Flash-based, ad-supported streaming video website that carries movies and TV series.
<b>Reference</b>	<a href="http://www.hulu.com">http://www.hulu.com</a>
<b>Global ID</b>	L7:458
<b>ID</b>	1317
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# HYBRID-POP

<b>Name/CLI Keyword</b>	hybrid-pop
<b>Full Name</b>	Hybrid Point of Presence
<b>Description</b>	A Hybrid Point of Presence (PoP) is an Internet router with T1 lines into the internet. The POP takes TCP/IP packets from the Internet, modulates them into a standard TV channels and feeds them to a TV system.
<b>Reference</b>	<a href="http://cookreport.com/hybrid.shtml">http://cookreport.com/hybrid.shtml</a>
<b>Global ID</b>	L4:473
<b>ID</b>	387
<b>Known Mappings</b>	
UDP Port	473
TCP Port	473
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# HYPER-G

<b>Name/CLI Keyword</b>	hyper-g
<b>Full Name</b>	hyper-g
<b>Description</b>	Hyper-G is a multi-user, multi-protocol, structured hypermedia information system. It runs as a client-server application on the Internet.
<b>Reference</b>	<a href="http://www.jucs.org/jucs_1_4/the_hyper_g_network/Andrews_K.pdf">http://www.jucs.org/jucs_1_4/the_hyper_g_network/Andrews_K.pdf</a>
<b>Global ID</b>	L4:418
<b>ID</b>	333
<b>Known Mappings</b>	
UDP Port	418
TCP Port	418
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# HYPERWAVE-ISP

<b>Name/CLI Keyword</b>	hyperwave-isp
<b>Full Name</b>	Hyperwave-ISP
<b>Description</b>	Hyperwave-ISP is part of the Hyperwave document management system, which focuses on document and knowledge management in intranet environments.
<b>Reference</b>	<a href="http://www.hyperwave.com/e/index.html">http://www.hyperwave.com/e/index.html</a>
<b>Global ID</b>	L4:692
<b>ID</b>	600
<b>Known Mappings</b>	
UDP Port	692
TCP Port	692
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





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# I-NLSP

<b>Name/CLI Keyword</b>	i-nlsp
<b>Full Name</b>	Integrated Net Layer Security Protocol
<b>Description</b>	Integrated Net Layer Security Protocol (i-nlsp) was a proposition that might have been used by End Systems (ESs) and Intermediate Systems (ISs) in order to provide security services in support of TUBA (TCP and UDP with Bigger Addresses).
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-tuba-inlsp-00#section-1">http://tools.ietf.org/html/draft-ietf-tuba-inlsp-00#section-1</a>
<b>Global ID</b>	L3:52
<b>ID</b>	806
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	52
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IAFDBASE

<b>Name/CLI Keyword</b>	iafdbase
<b>Full Name</b>	iafdbase
<b>Description</b>	Registered with IANA on port 480 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:480
<b>ID</b>	394
<b>Known Mappings</b>	
UDP Port	480
TCP Port	480
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IAFSERVER

<b>Name/CLI Keyword</b>	iafserver
<b>Full Name</b>	IAFServer
<b>Description</b>	IAFServer is part of the Integrated Authentication Framework (IAF), a token-based infrastructure that enables Software AG's enterprise single sign-on. In addition, it allows usage of a configurable authentication system (user database) with Software AG products across platforms.
<b>Reference</b>	<a href="http://documentation.softwareag.com/webmethods/wmsuite/wmsuite8-2_en/EntireX8-2-SP1_EntireXsecurity/iaf.htm">http://documentation.softwareag.com/webmethods/wmsuite/wmsuite8-2_en/EntireX8-2-SP1_EntireXsecurity/iaf.htm</a>
<b>Global ID</b>	L4:479
<b>ID</b>	393
<b>Known Mappings</b>	
UDP Port	479
TCP Port	479
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IASD

<b>Name/CLI Keyword</b>	iasd
<b>Full Name</b>	IASD
<b>Description</b>	Registered with IANA on port 432 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:432
<b>ID</b>	347
<b>Known Mappings</b>	
UDP Port	432
TCP Port	432
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# IATP

<b>Name/CLI Keyword</b>	iatp
<b>Full Name</b>	Interactive Agent Transfer Protocol
<b>Description</b>	Registered with IANA as IP Protocol 117
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:117
<b>ID</b>	871
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	117
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## IAX

<b>Name/CLI Keyword</b>	iax
<b>Full Name</b>	Inter-Asterisk eXchange
<b>Description</b>	Inter-Asterisk eXchange protocol (IAX) is native to Asterisk PBX and is supported by a number of other softswitches and PBXs. It is used for enabling VoIP connections between servers beside client-server communication.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5456">http://tools.ietf.org/html/rfc5456</a>
<b>Global ID</b>	L4:4569
<b>ID</b>	1329
<b>Known Mappings</b>	
UDP Port	4569
TCP Port	4569
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IBM-APP

<b>Name/CLI Keyword</b>	ibm-app
<b>Full Name</b>	IBM Application
<b>Description</b>	Registered with IANA on port 385 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:385
<b>ID</b>	301
<b>Known Mappings</b>	
UDP Port	385
TCP Port	385
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IBM-DB2

<b>Name/CLI Keyword</b>	ibm-db2
<b>Full Name</b>	IBM-DB2
<b>Description</b>	IBM DB2 is a database software solution that works on different operating systems (Linux, Unix, Windows) which provide performance for mixed workloads on distributed systems, and offers efficiencies for staffing and storage.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/data/db2/">http://www-01.ibm.com/software/data/db2/</a>
<b>Global ID</b>	L4:523
<b>ID</b>	95
<b>Known Mappings</b>	
UDP Port	523
TCP Port	523
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IBM-DIRECTOR

<b>Name/CLI Keyword</b>	ibm-director
<b>Full Name</b>	IBM Director
<b>Description</b>	IBM Director is an element management system that manages the operation of a set of connected network resources and monitors their performance. IBM Director works on multiple server platforms including Windows and Linux. The software typically uses the TCP/UDP ports 15988, 15989, 34572, 4491, 6090, 13991, 14247-14249.
<b>Reference</b>	<a href="http://www.ibm.com/systems/management/director">http://www.ibm.com/systems/management/director</a>
<b>Global ID</b>	L4:4490
<b>ID</b>	1398
<b>Known Mappings</b>	
UDP Port	14247,14248,14249,15988,15989,34572,4490,4491,6090,13991
TCP Port	4490,4491,6090,14247,14248,14249,15988,15989,34572
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IBPROTOCOL

<b>Name/CLI Keyword</b>	ibprotocol
<b>Full Name</b>	Internet Backplane Protocol
<b>Description</b>	Internet Backplane Protocol (IBP) is middleware for managing and using remote storage. It was invented to support Logistical Networking in large scale distributed systems and applications. IBP provides a mechanism for using distributed storage for logistical purposes.
<b>Reference</b>	<a href="http://loci.cs.utk.edu/ibp/">http://loci.cs.utk.edu/ibp/</a>
<b>Global ID</b>	L4:6714
<b>ID</b>	737
<b>Known Mappings</b>	
UDP Port	6714
TCP Port	6714
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ICLCNET-LOCATE

<b>Name/CLI Keyword</b>	iclnet-locate
<b>Full Name</b>	ICL coNETion locate server
<b>Description</b>	Registered with IANA on port 886 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:886
<b>ID</b>	660
<b>Known Mappings</b>	
UDP Port	886
TCP Port	886
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## ICLCNET\_SVINFO

<b>Name/CLI Keyword</b>	iclcnet_svinfo
<b>Full Name</b>	ICL coNETion server info
<b>Description</b>	Registered with IANA on port 887 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:887
<b>ID</b>	661
<b>Known Mappings</b>	
UDP Port	887
TCP Port	887
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ICLOUD

<b>Name/CLI Keyword</b>	icloud
<b>Full Name</b>	iCloud
<b>Description</b>	iCloud is Apple's cloud computing and storage service. It provides data storage (such as music, files and iOS applications) over remote servers and enables downloading stored data to multiple devices.
<b>Reference</b>	<a href="http://www.apple.com/icloud/">http://www.apple.com/icloud/</a>
<b>Global ID</b>	L7:564
<b>ID</b>	1501
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# ICMP

<b>Name/CLI Keyword</b>	icmp
<b>Full Name</b>	Internet Control Message Protocol
<b>Description</b>	Internet Control Message Protocol (ICMP) messages are typically generated in response to errors in IP datagrams or for diagnostic or routing purposes. ICMP errors are always reported to the original source IP address of the originating datagram. ICMP is IP protocol number 1. Traffic is classified only if its identified as ICMP but was not recognized as any other more granular classification such as Ping.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc792">http://tools.ietf.org/html/rfc792</a>
<b>Global ID</b>	L3:1
<b>ID</b>	6
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	1
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## ICQ-FILETRANSFER

<b>Name/CLI Keyword</b>	icq-filetransfer
<b>Full Name</b>	ICQ File Transfer
<b>Description</b>	ICQ File Transfer is a file transfer feature in client ICQ (I Seek You). It is based on the Open System for CommunicAtion in Realtime (OSCAR) File Transfer protocol.
<b>Reference</b>	<a href="http://www.icq.com/support/icq_7/file_transfer/en">http://www.icq.com/support/icq_7/file_transfer/en</a>
<b>Global ID</b>	L7:311
<b>ID</b>	1204
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	icq-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ICQ

<b>Name/CLI Keyword</b>	icq
<b>Full Name</b>	ICQ
<b>Description</b>	I seek you (ICQ) software is used for IM, text messaging, email, phone, and paging. The software runs on multiple platforms including PC, MAC, UNIX, pocket PC and Palm OS. ICQ is using AOL's OSCAR (Open System for CommunicAtion in Realtime). It was the first IM program and was developed by Mirabilis, then bought by AOL and currently owned by Digital Sky Technologies.
<b>Reference</b>	<a href="http://www.icq.com/en">http://www.icq.com/en</a>
<b>Global ID</b>	L7:269
<b>ID</b>	902
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	icq-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns

# IDFP

<b>Name/CLI Keyword</b>	idfp
<b>Full Name</b>	idfp
<b>Description</b>	Registered with IANA on port 549 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:549
<b>ID</b>	466
<b>Known Mappings</b>	
UDP Port	549
TCP Port	549
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IDPR-CMTP

<b>Name/CLI Keyword</b>	idpr-cmtp
<b>Full Name</b>	IDPR Control Message Transport Protocol
<b>Description</b>	IDPR Control Message Transport Protocol constructs and maintains routes between source and destination administrative domains. These domains provide user traffic with the services requested within the constraints stipulated for the domains transited.
<b>Reference</b>	<a href="https://trac.tools.ietf.org/rfc/rfc1477.txt">https://trac.tools.ietf.org/rfc/rfc1477.txt</a>
<b>Global ID</b>	L3:38
<b>ID</b>	792
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	38
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IDPR

<b>Name/CLI Keyword</b>	idpr
<b>Full Name</b>	Inter-Domain Policy Routing Protocol
<b>Description</b>	Inter-Domain Policy Routing Protocol (IDPR) constructs and maintains routes between source and destination administrative domains, that provide user traffic with the services requested within the constraints stipulated for the domains transited. IDPR supports link state routing information distribution and route generation in conjunction with source specified message forwarding.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1479">http://tools.ietf.org/html/rfc1479</a>
<b>Global ID</b>	L3:35
<b>ID</b>	789
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	35
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IDRP

<b>Name/CLI Keyword</b>	idrp
<b>Full Name</b>	Inter-Domain Routing Protocol
<b>Description</b>	Inter-Domain Routing Protocol (IDRP) permits a routing domain to exchange information with other routing domains to facilitate the operation of the routing and relaying functions of the Network Layer.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-idr-idrp2-00">http://tools.ietf.org/html/draft-ietf-idr-idrp2-00</a>
<b>Global ID</b>	L3:45
<b>ID</b>	799
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	45
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## IEEE-MMS-SSL

<b>Name/CLI Keyword</b>	ieee-mms-ssl
<b>Full Name</b>	IEEE-MMS-SSL
<b>Description</b>	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards define a software component model for working with removable media as well as a number of protocols that define interfaces between the components. These standards enable vendors to construct applications that use removable media as well as components of an MMS that interoperate with other MMS components.
<b>Reference</b>	<a href="http://grouper.ieee.org/groups/1619/email/pdf00001.pdf">http://grouper.ieee.org/groups/1619/email/pdf00001.pdf</a>
<b>Global ID</b>	L4:695
<b>ID</b>	603
<b>Known Mappings</b>	
UDP Port	-
TCP Port	695
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# IEEE-MMS

<b>Name/CLI Keyword</b>	ieee-mms
<b>Full Name</b>	IEEE MMS
<b>Description</b>	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards define a software component model for working with removable media as well as a number of protocols that define interfaces between the components. These standards enable vendors to construct applications that use removable media as well as components of an MMS that interoperate with other MMS components.
<b>Reference</b>	<a href="http://grouper.ieee.org/groups/1619/email/pdf00001.pdf">http://grouper.ieee.org/groups/1619/email/pdf00001.pdf</a>
<b>Global ID</b>	L4:651
<b>ID</b>	560
<b>Known Mappings</b>	
UDP Port	651
TCP Port	651
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IFMP

<b>Name/CLI Keyword</b>	ifmp
<b>Full Name</b>	Ipsilon Flow Management Protocol
<b>Description</b>	The Ipsilon Flow Management Protocol (IFMP), is a protocol for allowing a node to instruct an adjacent node to attach a layer 2 label to a specified IP flow. The label allows more efficient access to cached routing information for that flow. The label can also enable a node to switch further packets belonging to the specified flow at layer 2 rather than forwarding them at layer 3.
<b>Reference</b>	<a href="http://www.rfc-editor.org/rfc/rfc1953.txt">http://www.rfc-editor.org/rfc/rfc1953.txt</a>
<b>Global ID</b>	L3:101
<b>ID</b>	855
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	101
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IGRP

<b>Name/CLI Keyword</b>	igrp
<b>Full Name</b>	Cisco Interior Gateway Routing Protocol
<b>Description</b>	Interior Gateway Routing Protocol (IGRP) is a distance vector interior routing protocol (IGP) invented by Cisco. It is used by routers to exchange routing data within an autonomous system. IGRP is a proprietary protocol. IGRP supports multiple metrics for each route, including bandwidth, delay, load, MTU, and reliability. IGRP is considered a classful routing protocol.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml">http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml</a>
<b>Global ID</b>	L3:9
<b>ID</b>	764
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	9
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IIOP

<b>Name/CLI Keyword</b>	iiop
<b>Full Name</b>	General Inter-ORB Protocol
<b>Description</b>	General Inter-ORB Protocol (GIOP) is the abstract protocol by which object request brokers (ORBs) communicate. Standards associated with the protocol are maintained by the Object Management Group (OMG).
<b>Reference</b>	<a href="http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf">http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf</a>
<b>Global ID</b>	L4:535
<b>ID</b>	453
<b>Known Mappings</b>	
UDP Port	535
TCP Port	535
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## IL

<b>Name/CLI Keyword</b>	il
<b>Full Name</b>	Internal Link Transport Protocol
<b>Description</b>	The Internet Link Protocol or IL is a connection-based transport layer protocol designed at Bell Labs originally as part of the Plan 9 operating system and is used to carry 9P. It is similar to TCP but much simpler.
<b>Reference</b>	<a href="http://doc.cat-v.org/plan_9/4th_edition/papers/il/">http://doc.cat-v.org/plan_9/4th_edition/papers/il/</a>
<b>Global ID</b>	L3:40
<b>ID</b>	794
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	40
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IMAP

<b>Name/CLI Keyword</b>	imap
<b>Full Name</b>	Internet Message Access Protocol version 4
<b>Description</b>	Internet Message Access protocol (IMAP) allows users to access their email servers and to receive and send emails. The protocol simulates a local use when in fact it is a connection to a server. An IMAP server usually listens on port 143.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3501">http://tools.ietf.org/html/rfc3501</a>
<b>Global ID</b>	L4:143
<b>ID</b>	17
<b>Known Mappings</b>	
UDP Port	143,220
TCP Port	143,220
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	imap-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IMSP

<b>Name/CLI Keyword</b>	imsp
<b>Full Name</b>	Interactive Mail Support Protocol
<b>Description</b>	The Internet Message Support Protocol (IMSP) is designed to support the provision of mail in a medium to large scale operation. It is intended to be used as a companion to the IMAP4 protocol, providing services which are either outside the scope of mail access or which pertain to environments which must run more than one IMAP4 server in the same mail domain. The services that IMSP provides are extended mailbox management, configuration options, and address books.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/IMSP">http://en.wikipedia.org/wiki/IMSP</a>
<b>Global ID</b>	L4:406
<b>ID</b>	321
<b>Known Mappings</b>	
UDP Port	406
TCP Port	406
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	imap-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# INBUSINESS

<b>Name/CLI Keyword</b>	inbusiness
<b>Full Name</b>	Intel InBusiness
<b>Description</b>	The Intel InBusiness eMail Station is a highly integrated email server which provides small businesses with the ability to locally manage and configure their own email accounts.
<b>Reference</b>	<a href="http://www.intel.com/support/inbusiness/emailstation/sb/cs-014773.htm">http://www.intel.com/support/inbusiness/emailstation/sb/cs-014773.htm</a>
<b>Global ID</b>	L4:244
<b>ID</b>	1124
<b>Known Mappings</b>	
UDP Port	244
TCP Port	244
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# INFOSEEK

<b>Name/CLI Keyword</b>	infoseek
<b>Full Name</b>	infoseek
<b>Description</b>	InfoSeek
<b>Reference</b>	
<b>Global ID</b>	L4:414
<b>ID</b>	329
<b>Known Mappings</b>	
UDP Port	414
TCP Port	414
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# INGRES-NET

<b>Name/CLI Keyword</b>	ingres-net
<b>Full Name</b>	Ingres/Net
<b>Description</b>	Ingres/Net allows services and applications to access Ingres databases over the network.
<b>Reference</b>	<a href="http://www.actian.com/products/ingres">http://www.actian.com/products/ingres</a>
<b>Global ID</b>	L4:134
<b>ID</b>	1163
<b>Known Mappings</b>	
UDP Port	134
TCP Port	134
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# INTECOURIER

<b>Name/CLI Keyword</b>	intecourier
<b>Full Name</b>	Intecourier
<b>Description</b>	Registered with IANA on port 495 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:495
<b>ID</b>	409
<b>Known Mappings</b>	
UDP Port	495
TCP Port	495
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# INTEGRA-SME

<b>Name/CLI Keyword</b>	integra-sme
<b>Full Name</b>	Integra Software Management Environment
<b>Description</b>	Integra Software Management Environment is part of Symantec Management Platform, which provides a set of services that IT-related solutions can leverage. Solutions plug into the platform and take advantage of the platform services, such as security, reporting, communications, package deployment, and Configuration Management Database (CMDB) data.
<b>Reference</b>	<a href="http://www.symantec.com/kit/for_pis/other_resources/symantec_management_platform_installation_guide_01-2009.aspx">http://www.symantec.com/kit/for_pis/other_resources/symantec_management_platform_installation_guide_01-2009.aspx</a>
<b>Global ID</b>	L4:484
<b>ID</b>	398
<b>Known Mappings</b>	
UDP Port	484
TCP Port	484
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# INTERNET-AUDIO-STREAMING

<b>Name/CLI Keyword</b>	internet-audio-streaming
<b>Full Name</b>	Internet Audio Streaming Web Apps
<b>Description</b>	The internet audio streaming protocol gathers the top websites and web applications for audio streaming on the internet such as SoundCloud, Grooveshark and more.
<b>Reference</b>	<a href="http://www.soundcloud.com">http://www.soundcloud.com</a>
<b>Global ID</b>	L7:575
<b>ID</b>	1514
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# INTERNET-VIDEO-STREAMING

<b>Name/CLI Keyword</b>	internet-video-streaming
<b>Full Name</b>	Internet Video Streaming Web Apps
<b>Description</b>	The internet video streaming protocol gathers the top websites and web applications for video streaming on the internet such as Ustream, DailyMotion and more.
<b>Reference</b>	<a href="http://www.ustream.tv">http://www.ustream.tv</a>
<b>Global ID</b>	L7:574
<b>ID</b>	1513
<b>Known Mappings</b>	
UDP Port	-
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# INTRINSA

<b>Name/CLI Keyword</b>	intrinsa
<b>Full Name</b>	intrinsa
<b>Description</b>	Registered with IANA on port 503 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:503
<b>ID</b>	417
<b>Known Mappings</b>	
UDP Port	503
TCP Port	503
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# IP-MESSENGER

<b>Name/CLI Keyword</b>	ip-messenger
<b>Full Name</b>	IP Messenger
<b>Description</b>	IP Messenger is a LAN Messenger for multi platforms (Windows, Mac OS, iPhone, Android). It is based on TCP/IP (UDP). It does not require server machine, its simple, lightweight and has compact size. This messenger provides instant messaging and file-transfer services.
<b>Reference</b>	<a href="http://ipmsg.org/index.html.en">http://ipmsg.org/index.html.en</a>
<b>Global ID</b>	L7:475
<b>ID</b>	1326
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPCD

<b>Name/CLI Keyword</b>	ipcd
<b>Full Name</b>	ipcd
<b>Description</b>	Registered with IANA on port 576 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:576
<b>ID</b>	490
<b>Known Mappings</b>	
UDP Port	576
TCP Port	576
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPCOMP

<b>Name/CLI Keyword</b>	ipcomp
<b>Full Name</b>	IP Payload Compression Protocol
<b>Description</b>	IP payload compression is a protocol to reduce the size of IP datagrams. IPComp protocol will increase the overall communication performance by compressing the datagrams, provided the nodes have sufficient computation power and the communication is over slow or congested links.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3173">http://tools.ietf.org/html/rfc3173</a>
<b>Global ID</b>	L3:108
<b>ID</b>	862
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	108
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPCSERVER

<b>Name/CLI Keyword</b>	ipcservr
<b>Full Name</b>	Sun IPC server
<b>Description</b>	ipcservr is a client-server communication program that listens for connections from local-domain clients.
<b>Reference</b>	<a href="http://www.superscript.com/ucspi-ipc/ipcservr.html">http://www.superscript.com/ucspi-ipc/ipcservr.html</a>
<b>Global ID</b>	L4:600
<b>ID</b>	514
<b>Known Mappings</b>	
UDP Port	600
TCP Port	600
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPCV

<b>Name/CLI Keyword</b>	ipcv
<b>Full Name</b>	Internet Packet Core Utility
<b>Description</b>	Registered with IANA as IP Protocol 71
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:71
<b>ID</b>	825
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	71
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPDD

<b>Name/CLI Keyword</b>	ipdd
<b>Full Name</b>	ipdd
<b>Description</b>	Registered with IANA on port 578 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:578
<b>ID</b>	492
<b>Known Mappings</b>	
UDP Port	578
TCP Port	578
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPINIP

<b>Name/CLI Keyword</b>	ipinip
<b>Full Name</b>	IP in IP
<b>Description</b>	IP in IP tunneling is a protocol used to encapsulate IP headers to a different IP header to share information between endpoints in different internet-networks (for example forwarding traffic from one intranet to another).
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1853">http://tools.ietf.org/html/rfc1853</a>
<b>Global ID</b>	L3:4
<b>ID</b>	8
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	4
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# IPIP

<b>Name/CLI Keyword</b>	ipip
<b>Full Name</b>	IP-within-IP Encapsulation Protocol
<b>Description</b>	IP-within-IP Encapsulation is a method by which an IP datagram may be encapsulated (carried as payload) within an IP datagram. Encapsulation is suggested as a means to alter the normal IP routing for datagrams, by delivering them to an intermediate destination that would otherwise not be selected by the (network part of the) IP Destination Address field in the original IP header.
<b>Reference</b>	<a href="https://tools.ietf.org/rfc/rfc2003">https://tools.ietf.org/rfc/rfc2003</a>
<b>Global ID</b>	L3:94
<b>ID</b>	848
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	94
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# IPLT

<b>Name/CLI Keyword</b>	iplt
<b>Full Name</b>	IPLT
<b>Description</b>	Registered with IANA as IP Protocol 129
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:129
<b>ID</b>	1227
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	129
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## IP-MESSENGER

<b>Name/CLI Keyword</b>	ip-messenger
<b>Full Name</b>	IP Messenger
<b>Description</b>	IP Messenger is a LAN Messenger for multi platforms (Windows, Mac OS, iPhone, Android). It is based on TCP/IP (UDP). It does not require server machine, its simple, lightweight and has compact size. This messenger provides instant messaging and file-transfer services.
<b>Reference</b>	<a href="http://ipmsg.org/index.html.en">http://ipmsg.org/index.html.en</a>
<b>Global ID</b>	L7:475
<b>ID</b>	1326
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPP

<b>Name/CLI Keyword</b>	ipp
<b>Full Name</b>	Internet Printing Protocol
<b>Description</b>	Internet Printing Protocol (IPP) provides a standard network protocol for remote printing as well as for managing print jobs, media size, resolution, and so forth. IPP can run locally or over the Internet to remote printers, and supports access control, authentication, and encryption, making it a much more capable and secure printing solution than older ones.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2910">http://tools.ietf.org/html/rfc2910</a>
<b>Global ID</b>	L4:631
<b>ID</b>	540
<b>Known Mappings</b>	
UDP Port	631
TCP Port	631
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPPC

<b>Name/CLI Keyword</b>	ippc
<b>Full Name</b>	Internet Pluribus Packet Core
<b>Description</b>	Registered with IANA as IP Protocol 67
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:67
<b>ID</b>	821
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	67
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPSEC

<b>Name/CLI Keyword</b>	ipsec
<b>Full Name</b>	Internet Protocol Security
<b>Description</b>	Internet Protocol Security (IPSec) is a framework used to help ensure a private and secure IP communication using cryptographic services.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2401.txt">http://www.ietf.org/rfc/rfc2401.txt</a>
<b>Global ID</b>	L7:9
<b>ID</b>	9
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	ipsec-group
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# IPV6-FRAG

<b>Name/CLI Keyword</b>	ipv6-frag
<b>Full Name</b>	ipv6-frag
<b>Description</b>	DEPRECATED traffic will not match
<b>Reference</b>	
<b>Global ID</b>	L3:44
<b>ID</b>	798
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPV6-ICMP

<b>Name/CLI Keyword</b>	ipv6-icmp
<b>Full Name</b>	ICMP for IPv6
<b>Description</b>	Internet Control Message Protocol version 6 (ICMPv6) is the implementation of the Internet Control Message Protocol (ICMP) for Internet Protocol version 6 (IPv6). ICMPv6 is an integral part of IPv6 and performs error reporting, diagnostic functions (e.g., ping), and a framework for extensions to implement future changes.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4443">http://tools.ietf.org/html/rfc4443</a>
<b>Global ID</b>	L3:58
<b>ID</b>	812
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	58
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPV6-NONXT

<b>Name/CLI Keyword</b>	ipv6-nonxt
<b>Full Name</b>	ipv6-nonxt
<b>Description</b>	DEPRECATED traffic will not match
<b>Reference</b>	
<b>Global ID</b>	L3:59
<b>ID</b>	813
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# IPV6-OPTS

<b>Name/CLI Keyword</b>	ipv6-opts
<b>Full Name</b>	ipv6-opts
<b>Description</b>	DEPRECATED traffic will not match
<b>Reference</b>	
<b>Global ID</b>	L3:60
<b>ID</b>	814
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## IPV6-ROUTE

<b>Name/CLI Keyword</b>	ipv6-route
<b>Full Name</b>	ipv6-route
<b>Description</b>	DEPRECATED traffic will not match
<b>Reference</b>	
<b>Global ID</b>	L3:43
<b>ID</b>	797
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IPV6INIP

<b>Name/CLI Keyword</b>	ipv6inip
<b>Full Name</b>	IPv6 encapsulation
<b>Description</b>	A method and generic mechanism by which a packet is encapsulated and carried as payload within an IPv6 packet. The resulting packet is called an IPv6 tunnel packet. The forwarding path between the source and destination of the tunnel packet is called an IPv6 tunnel. The technique is called IPv6 tunneling.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2473">http://tools.ietf.org/html/rfc2473</a>
<b>Global ID</b>	L3:41
<b>ID</b>	795
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	41
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

## IPX-IN-IP

<b>Name/CLI Keyword</b>	ipx-in-ip
<b>Full Name</b>	IPX in IP
<b>Description</b>	Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. The IPX/SPXM protocol stack is supported by Novell's NetWare network operating system. IPX could be transported over IP, mainly for backward compatibility.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1234">http://tools.ietf.org/html/rfc1234</a>
<b>Global ID</b>	L3:111
<b>ID</b>	865
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	111
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# IRC-SERV

<b>Name/CLI Keyword</b>	irc-serv
<b>Full Name</b>	IRC-SERV
<b>Description</b>	An IRCd, short for Internet Relay Chat daemon, is a server software that implements the IRC "Internet Relay Chat" protocol, enabling people to talk to each other via the Internet (exchanging textual messages in real time). The server listens to connections from IRC clients on a set of TCP ports. When the server is part of an IRC network, it also keeps one or more established connections to other servers/daemons.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1459">http://www.ietf.org/rfc/rfc1459</a>
<b>Global ID</b>	L4:529
<b>ID</b>	447
<b>Known Mappings</b>	
UDP Port	529
TCP Port	529
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	irc-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IRC

<b>Name/CLI Keyword</b>	irc
<b>Full Name</b>	Internet Relay Chat
<b>Description</b>	Internet Relay Chat (IRC) protocol is used for chat messaging in real time. It can be used for conferencing or one-on-one chatting. The protocol works on client-server architecture with a distributed manner. An IRC server usually listens on TCP port 194.
<b>Reference</b>	<a href="http://www.irchelp.org/irchelp/rfc/rfc.html">http://www.irchelp.org/irchelp/rfc/rfc.html</a>
<b>Global ID</b>	L4:194
<b>ID</b>	19
<b>Known Mappings</b>	
UDP Port	194
TCP Port	194
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	irc-group
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# IRTP

<b>Name/CLI Keyword</b>	irtp
<b>Full Name</b>	Internet Reliable Transaction
<b>Description</b>	The Internet Reliable Transaction Protocol (IRTP) is a transport level host-to-host protocol designed for an internet environment. It provides reliable, sequenced delivery of packets of data between hosts and multiplexer/demultiplexer streams of packets from/to user processes representing ports. It is simple to implement, with a minimum of connection management, at the possible expense of efficiency.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc938">http://tools.ietf.org/html/rfc938</a>
<b>Global ID</b>	L3:28
<b>ID</b>	782
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	28
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IS99C

<b>Name/CLI Keyword</b>	is99c
<b>Full Name</b>	TIA/EIA/IS-99 modem client
<b>Description</b>	TIA/EIA/IS-99 modem client is a data services option standard for wideband spread spectrum digital cellular systems.
<b>Reference</b>	<a href="http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf">http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf</a>
<b>Global ID</b>	L4:379
<b>ID</b>	295
<b>Known Mappings</b>	
UDP Port	379
TCP Port	379
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# IS99S

<b>Name/CLI Keyword</b>	is99s
<b>Full Name</b>	TIA/EIA/IS-99 modem server
<b>Description</b>	TIA/EIA/IS-99 modem server (IS99C) is a data services option standard for wideband spread spectrum digital cellular systems.
<b>Reference</b>	<a href="http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf">http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf</a>
<b>Global ID</b>	L4:380
<b>ID</b>	296
<b>Known Mappings</b>	
UDP Port	380
TCP Port	380
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISAKMP

<b>Name/CLI Keyword</b>	isakmp
<b>Full Name</b>	Internet Security Association and Key Management Protocol
<b>Description</b>	Internet Security Association and Key Management Protocol (ISAKMP) is used for establishing Security Associations and cryptographic keys in an Internet environment. Besides standard ports, the protocol also works behind NAT. The protocol usually uses UDP port 500.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2408.txt">http://www.ietf.org/rfc/rfc2408.txt</a>
<b>Global ID</b>	L4:500
<b>ID</b>	94
<b>Known Mappings</b>	
UDP Port	500
TCP Port	500
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ipsec-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

## ISATAP-IPV6-TUNNELED

<b>Name/CLI Keyword</b>	isatap-ipv6-tunneled
<b>Full Name</b>	Isatap IPv6 Tunneled
<b>Description</b>	ISATAP is an automatic overlay tunneling mechanism that uses the underlying IPv4 network as a non-broadcast multiple access network (NBMA) link layer for IPv6. ISATAP is designed for transporting IPv6 packets within a site where a native IPv6 infrastructure is not yet available; for example, when sparse IPv6 hosts are deployed for testing. ISATAP tunnels allow individual IPv4 or IPv6 dual-stack hosts within a site to communicate with other such hosts on the same virtual link, basically creating an IPv6 network using the IPv4 infrastructure.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/ISATAP">http://en.wikipedia.org/wiki/ISATAP</a>
<b>Global ID</b>	L7:329
<b>ID</b>	1222
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# ISCSI-TARGET

<b>Name/CLI Keyword</b>	iscsi-target
<b>Full Name</b>	Internet Small Computer System Interface
<b>Description</b>	Internet Small Computer System Interface (iSCSI) is an IP-based storage networking standard for linking data storage facilities.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3720.txt">http://www.ietf.org/rfc/rfc3720.txt</a>
<b>Global ID</b>	L4:3260
<b>ID</b>	1350
<b>Known Mappings</b>	
UDP Port	
TCP Port	3260
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISCSI

<b>Name/CLI Keyword</b>	iscsi
<b>Full Name</b>	Internet Small Computer System Interface
<b>Description</b>	Internet Small Computer System Interface (iSCSI) is an IP-based storage networking standard for linking data storage facilities.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3720.txt">http://www.ietf.org/rfc/rfc3720.txt</a>
<b>Global ID</b>	L4:860
<b>ID</b>	1449
<b>Known Mappings</b>	
UDP Port	
TCP Port	860
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISI-GL

<b>Name/CLI Keyword</b>	isi-gl
<b>Full Name</b>	ISI Graphics Language
<b>Description</b>	Registered with IANA on port 55 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:55
<b>ID</b>	106
<b>Known Mappings</b>	
UDP Port	55
TCP Port	55
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISIS

<b>Name/CLI Keyword</b>	isis
<b>Full Name</b>	ISIS
<b>Description</b>	Intermediate System-to-Intermediate System (IS-IS) routing protocol is an Interior Gateway Protocol (IGP) commonly used in large Service Provider networks. IS-IS may also be deployed in extremely large Enterprise networks. IS-IS is a link-state routing protocol, intended to provide fast convergence and excellent scalability. IS-IS is known to be very efficient in its use of network bandwidth. IS-IS is IP protocol number 124.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1142">http://tools.ietf.org/html/rfc1142</a>
<b>Global ID</b>	L3:124
<b>ID</b>	878
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	124
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISO-ILL

<b>Name/CLI Keyword</b>	iso-ill
<b>Full Name</b>	ISO ILL Protocol
<b>Description</b>	Interlibrary Loan (ILL) protocol is used for communication between various document exchange systems. It allows ILL systems at different libraries that are residing on different hardware platforms and using different software packages such as VDX to communicate with each other to request and receive electronic documents.
<b>Reference</b>	<a href="http://www.lac-bac.gc.ca/iso/ill/main.htm">http://www.lac-bac.gc.ca/iso/ill/main.htm</a>
<b>Global ID</b>	L4:499
<b>ID</b>	413
<b>Known Mappings</b>	
UDP Port	499
TCP Port	499
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ISO-IP

<b>Name/CLI Keyword</b>	iso-ip
<b>Full Name</b>	iso-ip
<b>Description</b>	ISO-IP is an encapsulation of the OSI connectionless network layer protocol (CLNP) packets in IP datagrams. The intent is for implementations to use OSI network layer protocols directly over links locally, and to use the IP subnet as a link only when necessary to reach a site that is separated from the source by an IP gateway.
<b>Reference</b>	<a href="http://tools.ietf.org/rfc/rfc1070.txt">http://tools.ietf.org/rfc/rfc1070.txt</a>
<b>Global ID</b>	L4:147
<b>ID</b>	953
<b>Known Mappings</b>	
UDP Port	147
TCP Port	147
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISO-TP0

<b>Name/CLI Keyword</b>	iso-tp0
<b>Full Name</b>	ISO-TP0
<b>Description</b>	A protocol that is used to bridge ISO TP0 packets between X.25 and TCP networks. This technique is useful when interconnecting a DDN IP internet to an X.25 subnetwork.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1086">http://tools.ietf.org/html/rfc1086</a>
<b>Global ID</b>	L4:146
<b>ID</b>	947
<b>Known Mappings</b>	
UDP Port	146
TCP Port	146
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISO-TP4

<b>Name/CLI Keyword</b>	iso-tp4
<b>Full Name</b>	ISO Transport Protocol Class 4
<b>Description</b>	Transport Protocol Class 4 (TP4), one of the five transport layer protocols existing in the OSI suite, offers error recovery, performs segmentation and reassembly, and supplies multiplexing and demultiplexing of data streams over a single virtual circuit.
<b>Reference</b>	<a href="http://www.javvin.com/protocol/TP4.html">http://www.javvin.com/protocol/TP4.html</a>
<b>Global ID</b>	L3:29
<b>ID</b>	783
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	29
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## ISO-TSAP-C2

<b>Name/CLI Keyword</b>	iso-tsap-c2
<b>Full Name</b>	ISO Transport Class 2 Non-Control over TCP
<b>Description</b>	Implementation of ISO Transport Class 2 Non-use of Explicit Flow Control on top of TCP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1859">http://tools.ietf.org/html/rfc1859</a>
<b>Global ID</b>	L4:399
<b>ID</b>	314
<b>Known Mappings</b>	
UDP Port	399
TCP Port	399
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ISO-TSAP

<b>Name/CLI Keyword</b>	iso-tsap
<b>Full Name</b>	ISO Transport Service Access Point
<b>Description</b>	A Service Access Point (SAP) is an identifying label for network endpoints used in Open Systems Interconnection (OSI) networking. The Transport Services Access Point (TSAP) is a label for for the transport layer. This protocol is an implementation of TSAP over TCP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1006">http://tools.ietf.org/html/rfc1006</a>
<b>Global ID</b>	L4:102
<b>ID</b>	973
<b>Known Mappings</b>	
UDP Port	102
TCP Port	102
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ITM-MCELL-S

<b>Name/CLI Keyword</b>	itm-mcell-s
<b>Full Name</b>	itm-mcell-s
<b>Description</b>	Registered with IANA on port 828 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:828
<b>ID</b>	656
<b>Known Mappings</b>	
UDP Port	828
TCP Port	828
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ITUNES

<b>Name/CLI Keyword</b>	itunes
<b>Full Name</b>	iTunes
<b>Description</b>	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audio books, podcasts, movies and etc. in their MAC/ Win PC/ iDevices running iTunes. iTunes refers to all general data generated by iTunes except streaming audio and video.
<b>Reference</b>	<a href="http://www.apple.com/itunes/">http://www.apple.com/itunes/</a>
<b>Global ID</b>	L7:434
<b>ID</b>	461
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	file-sharing
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# ITUNES-AUDIO

<b>Name/CLI Keyword</b>	itunes-audio
<b>Full Name</b>	iTunes-audio
<b>Description</b>	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies, etc. on their MAC/ Win PC/ iDevices running iTunes. iTunes-audio refers to all audio streaming media services generated by iTunes such as play music, podcasts, and audiobooks.
<b>Reference</b>	<a href="http://www.apple.com/itunes/">http://www.apple.com/itunes/</a>
<b>Global ID</b>	L7:571
<b>ID</b>	1510
<b>Known Mappings</b>	
UDP Port	-
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# ITUNES-VIDEO

<b>Name/CLI Keyword</b>	itunes-video
<b>Full Name</b>	iTunes-video
<b>Description</b>	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies, etc. on their MAC/ Win PC/ iDevices running iTunes. iTunes-video refers to all video streaming media services generated by iTunes such as: play movies, TV shows, videocasts, video, etc.
<b>Reference</b>	<a href="http://www.apple.com/itunes/">http://www.apple.com/itunes/</a>
<b>Global ID</b>	L7:572
<b>ID</b>	1511
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	-
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# JARGON

<b>Name/CLI Keyword</b>	jargon
<b>Full Name</b>	Jargon
<b>Description</b>	Registered with IANA on port 148 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:148
<b>ID</b>	959
<b>Known Mappings</b>	
UDP Port	148
TCP Port	148
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## KAKAO-TALK through LWAPP

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# KAKAO-TALK

<b>Name/CLI Keyword</b>	kakao-talk
<b>Full Name</b>	Kakao-Talk
<b>Description</b>	Kakao-Talk is a free mobile messenger application for smartphones with free multimedia messaging and free call features. Kakao-Talk was released by Kakao corporation which is based in Seoul, South Korea. It is available on most common mobile operating systems including IOS, Android and also available on PC by syncing between your PC and mobile device.
<b>Reference</b>	<a href="http://www.kakao.com/talk/">http://www.kakao.com/talk/</a>
<b>Global ID</b>	L7:579
<b>ID</b>	1518
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# KAKAO-SERVICES

<b>Name/CLI Keyword</b>	kakao-services
<b>Full Name</b>	Kakao-Services
<b>Description</b>	kakao-services is a set of tools and APIs used by Kakao applications such as kakao story, kakao music, kakao website, and so on.
<b>Reference</b>	<a href="http://www.kakao.com/">http://www.kakao.com/</a>
<b>Global ID</b>	L7:583
<b>ID</b>	1522
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# KALI

<b>Name/CLI Keyword</b>	kali
<b>Full Name</b>	IPX network emulator for DOS and Windows
<b>Description</b>	Kali is an IPX network emulator for DOS and Windows, enabling legacy multiplayer games to work over a modern TCP/IP network such as the Internet. Later versions of the software also functioned as a server browser for games that natively supported TCP/IP.
<b>Reference</b>	<a href="http://www.kali.net/">http://www.kali.net/</a>
<b>Global ID</b>	L4:2213
<b>ID</b>	718
<b>Known Mappings</b>	
UDP Port	2213
TCP Port	2213
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KAZAA2

<b>Name/CLI Keyword</b>	kazaa2
<b>Full Name</b>	Kazaa2
<b>Description</b>	Kazaa is an online music subscription service that is based on second generation peer-to-peer technology FastTracker.
<b>Reference</b>	<a href="http://www.kazaa.com/#!/about">http://www.kazaa.com/#!/about</a>
<b>Global ID</b>	L7:59
<b>ID</b>	59
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	fasttrack-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# K-BLOCK

<b>Name/CLI Keyword</b>	k-block
<b>Full Name</b>	K-Block
<b>Description</b>	Registered with IANA on port 287 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:287
<b>ID</b>	1147
<b>Known Mappings</b>	
UDP Port	287
TCP Port	287
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KERBEROS-ADM

<b>Name/CLI Keyword</b>	kerberos-adm
<b>Full Name</b>	Kerberos Administration
<b>Description</b>	Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4120">http://www.ietf.org/rfc/rfc4120</a>
<b>Global ID</b>	L4:749
<b>ID</b>	623
<b>Known Mappings</b>	
UDP Port	749
TCP Port	749
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KERBEROS

<b>Name/CLI Keyword</b>	kerberos
<b>Full Name</b>	Kerberos
<b>Description</b>	Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4120.txt">http://www.ietf.org/rfc/rfc4120.txt</a>
<b>Global ID</b>	L4:88
<b>ID</b>	21
<b>Known Mappings</b>	
UDP Port	88
TCP Port	88
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	kerberos-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KEYHOLETV

<b>Name/CLI Keyword</b>	keyholetv
<b>Full Name</b>	KeyHoleTV
<b>Description</b>	KeyHoleTV is an online television portal that links to a limited selection of Japanese television channels, radio stations, and user-made channels. It has clients on Windows, Mac, Linux and iOS.
<b>Reference</b>	<a href="http://www.oiseyer.com/index-e.php">http://www.oiseyer.com/index-e.php</a>
<b>Global ID</b>	L7:591
<b>ID</b>	1530
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# KEYSERVER

<b>Name/CLI Keyword</b>	keyserver
<b>Full Name</b>	Key Server
<b>Description</b>	A key server is a computer that receives and then serves existing cryptographic keys to users or other programs. The users' programs can be working on the same network as the key server or on another networked computer.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Key_server_(cryptographic)">http://en.wikipedia.org/wiki/Key_server_(cryptographic)</a>
<b>Global ID</b>	L4:584
<b>ID</b>	498
<b>Known Mappings</b>	
UDP Port	584
TCP Port	584
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## KIS

<b>Name/CLI Keyword</b>	kis
<b>Full Name</b>	KIS Protocol
<b>Description</b>	Registered with IANA on port 186 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:186
<b>ID</b>	1029
<b>Known Mappings</b>	
UDP Port	186
TCP Port	186
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KLOGIN

<b>Name/CLI Keyword</b>	klogin
<b>Full Name</b>	Klogin
<b>Description</b>	Registered with IANA on port 543 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:543
<b>ID</b>	87
<b>Known Mappings</b>	
UDP Port	543
TCP Port	543
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KNET-CMP

<b>Name/CLI Keyword</b>	knet-cmp
<b>Full Name</b>	KNET/VM Command/Message Protocol
<b>Description</b>	Registered with IANA on port 157 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:157
<b>ID</b>	1003
<b>Known Mappings</b>	
UDP Port	157
TCP Port	157
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# KONSPIRE2B

<b>Name/CLI Keyword</b>	konspire2b
<b>Full Name</b>	konspire2b
<b>Description</b>	konspire2b p2p network
<b>Reference</b>	
<b>Global ID</b>	L4:6085
<b>ID</b>	1190
<b>Known Mappings</b>	
UDP Port	6085
TCP Port	6085
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KPASSWD

<b>Name/CLI Keyword</b>	kpasswd
<b>Full Name</b>	kpasswd
<b>Description</b>	Kerberos change-password protocol (kpasswd) is a password changing service that is implemented on hosts in Kerberos realms.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-cat-kerb-chg-password-02">http://tools.ietf.org/html/draft-ietf-cat-kerb-chg-password-02</a>
<b>Global ID</b>	L4:464
<b>ID</b>	378
<b>Known Mappings</b>	
UDP Port	464
TCP Port	464
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	kerberos-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KRYPTOLAN

<b>Name/CLI Keyword</b>	kryptolan
<b>Full Name</b>	kryptolan
<b>Description</b>	LAN/WAN Krypto (LWK) is a infrastructure that provides two secure functions; transport protection and data object protection. It was developed by Sectra.
<b>Reference</b>	<a href="http://liu.diva-portal.org/smash/get/diva2:16958/FULLTEXT01">http://liu.diva-portal.org/smash/get/diva2:16958/FULLTEXT01</a>
<b>Global ID</b>	L4:398
<b>ID</b>	313
<b>Known Mappings</b>	
UDP Port	398
TCP Port	398
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KHELL

<b>Name/CLI Keyword</b>	kshell
<b>Full Name</b>	kshell
<b>Description</b>	Registered with IANA on port 544 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:544
<b>ID</b>	88
<b>Known Mappings</b>	
UDP Port	544
TCP Port	544
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-management. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# KURO

<b>Name/CLI Keyword</b>	kuro
<b>Full Name</b>	Kuro
<b>Description</b>	The Kuro protocol is used by the Kuro file-sharing application popular in Japan.
<b>Reference</b>	<a href="http://www.kuro.cn">http://www.kuro.cn</a>
<b>Global ID</b>	L7:437
<b>ID</b>	801
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# L2TP

<b>Name/CLI Keyword</b>	l2tp
<b>Full Name</b>	Layer 2 Tunneling Protocol
<b>Description</b>	Layer 2 Tunneling Protocol (L2TP) is a tunneling protocol used to support virtual private networks (VPNs) or as part of the delivery of services by ISPs. It does not provide any encryption or confidentiality by itself; it relies on an encryption protocol that it passes within the tunnel to provide privacy.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2661">http://tools.ietf.org/html/rfc2661</a>
<b>Global ID</b>	L4:1701
<b>ID</b>	22
<b>Known Mappings</b>	
UDP Port	1701
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# LA-MAINT

<b>Name/CLI Keyword</b>	la-maint
<b>Full Name</b>	IMP Logical Address Maintenance
<b>Description</b>	Registered with IANA on port 51 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:51
<b>ID</b>	931
<b>Known Mappings</b>	
UDP Port	51
TCP Port	51
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LANSERVER

<b>Name/CLI Keyword</b>	lanserver
<b>Full Name</b>	lanserver
<b>Description</b>	Registered with IANA on port 637 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:637
<b>ID</b>	546
<b>Known Mappings</b>	
UDP Port	637
TCP Port	637
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ldap-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# LARP

<b>Name/CLI Keyword</b>	larp
<b>Full Name</b>	Locus Address Resolution Protocol
<b>Description</b>	Registered with IANA as IP Protocol 91
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:91
<b>ID</b>	845
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	91
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LDAP

<b>Name/CLI Keyword</b>	ldap
<b>Full Name</b>	Lightweight Directory Access Protocol
<b>Description</b>	Lightweight Directory Access Protocol (LDAP) is a protocol designed to access distributed directory services. Typically it uses port 389 for TCP and UDP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4510">http://tools.ietf.org/html/rfc4510</a>
<b>Global ID</b>	L4:389
<b>ID</b>	23
<b>Known Mappings</b>	
UDP Port	389
TCP Port	389
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ldap-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LDP

<b>Name/CLI Keyword</b>	ldp
<b>Full Name</b>	Label Distribution Protocol
<b>Description</b>	Label Distribution Protocol (LDP) is a protocol in which routers capable of Multiprotocol Label Switching (MPLS) exchange label mapping information. LDP is used to build and maintain LSP databases that are used to forward traffic through MPLS networks.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5036">http://tools.ietf.org/html/rfc5036</a>
<b>Global ID</b>	L4:646
<b>ID</b>	555
<b>Known Mappings</b>	
UDP Port	646
TCP Port	646
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LEAF-1

<b>Name/CLI Keyword</b>	leaf-1
<b>Full Name</b>	Leaf-1
<b>Description</b>	The Leaf File Access Protocol is one of the first protocols to enable remote access to files.
<b>Reference</b>	<a href="http://infolab.stanford.edu/TR/CS-TR-86-1137.html">http://infolab.stanford.edu/TR/CS-TR-86-1137.html</a>
<b>Global ID</b>	L3:25
<b>ID</b>	779
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	25
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## LEAF-2

<b>Name/CLI Keyword</b>	leaf-2
<b>Full Name</b>	Leaf-2
<b>Description</b>	The Leaf File Access Protocol is one of the first protocols to enable remote access to files.
<b>Reference</b>	<a href="http://infolab.stanford.edu/TR/CS-TR-86-1137.html.pdf">http://infolab.stanford.edu/TR/CS-TR-86-1137.html.pdf</a>
<b>Global ID</b>	L3:26
<b>ID</b>	780
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	26
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## LEGENT-1

<b>Name/CLI Keyword</b>	legent-1
<b>Full Name</b>	Legent Corporation
<b>Description</b>	Registered with IANA on port 373 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:373
<b>ID</b>	289
<b>Known Mappings</b>	
UDP Port	373
TCP Port	373
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## LEGENT-2

<b>Name/CLI Keyword</b>	legent-2
<b>Full Name</b>	Legent Corporation
<b>Description</b>	Registered with IANA on port 374 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:374
<b>ID</b>	290
<b>Known Mappings</b>	
UDP Port	374
TCP Port	374
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LINKEDIN

<b>Name/CLI Keyword</b>	linkedin
<b>Full Name</b>	LinkedIn
<b>Description</b>	LinkedIn is a business-oriented social networking site. It is mainly used for professional networking.
<b>Reference</b>	<a href="http://www.linkedin.com/">http://www.linkedin.com/</a>
<b>Global ID</b>	L7:527
<b>ID</b>	1463
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	social-networking
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# LIVESTATION

<b>Name/CLI Keyword</b>	livestation
<b>Full Name</b>	LiveStation
<b>Description</b>	Livestation is a platform for distributing live television and radio broadcasts over a data network. It works on Windows, Macintosh, Linux and iPhone. The underlying protocols are RTMP, HTTP and SSL.
<b>Reference</b>	<a href="http://www.livestation.com/">http://www.livestation.com/</a>
<b>Global ID</b>	L7:480
<b>ID</b>	1405
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtmp,ssl,spdy,http

# LJK-LOGIN

<b>Name/CLI Keyword</b>	ljk-login
<b>Full Name</b>	ljk-login
<b>Description</b>	Registered with IANA on port 472 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:472
<b>ID</b>	386
<b>Known Mappings</b>	
UDP Port	472
TCP Port	472
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LOCKD

<b>Name/CLI Keyword</b>	lockd
<b>Full Name</b>	NFS Lock Daemon Manager
<b>Description</b>	NFS file locking is mainly provided by the RPC-based network lock manager (NLM) service. The program implementing NLM is usually called rpc.lockd, and must be running on both the NFS client and server machine. When a user process wants to lock a part or the whole of a file from an NFS-mounted volume, the kernel sends the lock request to the local lock daemon. This is usually done using the KLM (Kernel Lock Manager) protocol.
<b>Reference</b>	<a href="http://www.swb.de/personal/okir/lockd.html">http://www.swb.de/personal/okir/lockd.html</a>
<b>Global ID</b>	L4:4045
<b>ID</b>	96
<b>Known Mappings</b>	
UDP Port	4045
TCP Port	4045
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LOCUS-CON

<b>Name/CLI Keyword</b>	locus-con
<b>Full Name</b>	Locus PC-Interface Conn Server
<b>Description</b>	Registered with IANA on port 127 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:127
<b>ID</b>	996
<b>Known Mappings</b>	
UDP Port	127
TCP Port	127
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## LOCUS-MAP

<b>Name/CLI Keyword</b>	locus-map
<b>Full Name</b>	Locus PC-Interface Net Map Server
<b>Description</b>	Registered with IANA on port 125 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:125
<b>ID</b>	994
<b>Known Mappings</b>	
UDP Port	125
TCP Port	125
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LOGIN

<b>Name/CLI Keyword</b>	login
<b>Full Name</b>	rlogin
<b>Description</b>	The rlogin facility provides a remote-echoed, locally flow-controlled virtual terminal with proper flushing of output.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1282">http://tools.ietf.org/html/rfc1282</a>
<b>Global ID</b>	L4:513
<b>ID</b>	428
<b>Known Mappings</b>	
UDP Port	
TCP Port	513
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LOGLOGIC

<b>Name/CLI Keyword</b>	loglogic
<b>Full Name</b>	Loglogic
<b>Description</b>	LogLogic provides enterprise-class log management infrastructure and analysis that enables customers to instantly collect, centralize and analyze their data. The software collects data from both physical and virtual (cloud) sources. It stores, alerts, and reports data to help defend against security risks and threats and to monitor performance. The software typically uses TCP port 4514 for RealTime Viewer and TCP port 11965 for Loglogic Tunnel.
<b>Reference</b>	<a href="http://www.loglogic.com/about">http://www.loglogic.com/about</a>
<b>Global ID</b>	L4:4514
<b>ID</b>	1351
<b>Known Mappings</b>	
UDP Port	
TCP Port	4514,11965
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LOGMEIN

<b>Name/CLI Keyword</b>	logmein
<b>Full Name</b>	LogMeIn
<b>Description</b>	LogMeIn is a remote-access software that allows a user to access a PC through a web browser (logmein.com) or through mobile phones (iPhone and Android).
<b>Reference</b>	<a href="https://secure.logmein.com/welcome/products/">https://secure.logmein.com/welcome/products/</a>
<b>Global ID</b>	L7:519
<b>ID</b>	1455
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# LOTUS-NOTES

<b>Name/CLI Keyword</b>	lotus-notes
<b>Full Name</b>	IBM Lotus Notes
<b>Description</b>	IBM Lotus Notes provides integrated collaboration functionality, including email, calendaring, contacts management, to do tracking, instant messaging, an office productivity suite (IBM Lotus Symphony), and access to other Lotus Domino applications and databases.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/lotus/notesanddomino/">http://www-01.ibm.com/software/lotus/notesanddomino/</a>
<b>Global ID</b>	L4:1352
<b>ID</b>	1470
<b>Known Mappings</b>	
UDP Port	1352
TCP Port	1352
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# LWAPP

<b>Name/CLI Keyword</b>	lwapp
<b>Full Name</b>	Lightweight Access Point Protocol
<b>Description</b>	Lightweight Access Point Protocol (LWAPP) is a protocol that can control multiple Wi-Fi access points at once. This can reduce the amount of time spent on configuring, monitoring or troubleshooting a large network. The system also allows network administrators to closely analyze the network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/RFC5412">http://tools.ietf.org/html/RFC5412</a>
<b>Global ID</b>	L4:12222
<b>ID</b>	1352
<b>Known Mappings</b>	
UDP Port	12222,12223
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



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# MAC-OS-X-UPDATES

<b>Name/CLI Keyword</b>	mac-os-x-updates
<b>Full Name</b>	MAC OS X updates
<b>Description</b>	MAC OS X updates is a service that provides updates for the MAC OS X operating system and its installed components.
<b>Reference</b>	<a href="http://www.apple.com/softwareupdate/">http://www.apple.com/softwareupdate/</a>
<b>Global ID</b>	L7:585
<b>ID</b>	1524
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# MAC-SRVR-ADMIN

<b>Name/CLI Keyword</b>	mac-srvr-admin
<b>Full Name</b>	MacOS Server Admin
<b>Description</b>	Server Admin is one of the remote administration/configuration tools for Mac OS X Server. It is used for remote administration of one or more servers. It can be used to install and setup Mac OS X Server on a remote computer, manage file share points, and configure service settings.
<b>Reference</b>	<a href="http://support.apple.com/kb/HT5050">http://support.apple.com/kb/HT5050</a>
<b>Global ID</b>	L4:660
<b>ID</b>	568
<b>Known Mappings</b>	
UDP Port	660
TCP Port	660
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAGENTA-LOGIC

<b>Name/CLI Keyword</b>	magenta-logic
<b>Full Name</b>	Magenta Logic
<b>Description</b>	Registered with IANA on port 313 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:313
<b>ID</b>	1153
<b>Known Mappings</b>	
UDP Port	313
TCP Port	313
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## MAILBOX-LM

<b>Name/CLI Keyword</b>	mailbox-lm
<b>Full Name</b>	Mailbox-LM
<b>Description</b>	Mailbox-LM is a used by FTP Daemon, a file transfer protocol server designed to work with IBM Sterling Gentrans:Server for UNIX with ADD. The daemon is a tool that provides the user's trading partners direct access to their mailboxes while enabling the user to limit their access to other components of the user's EDI system.
<b>Reference</b>	<a href="http://www-01.ibm.com/support/docview.wss?uid=swg21532169">http://www-01.ibm.com/support/docview.wss?uid=swg21532169</a>
<b>Global ID</b>	L4:505
<b>ID</b>	419
<b>Known Mappings</b>	
UDP Port	505
TCP Port	505
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAILQ

<b>Name/CLI Keyword</b>	mailq
<b>Full Name</b>	MAILQ
<b>Description</b>	Mailer transport queue for Zmailer, a mail transfer agent for Linux, BSD and other Unix-like systems.
<b>Reference</b>	<a href="http://www.zmailer.org/">http://www.zmailer.org/</a>
<b>Global ID</b>	L4:174
<b>ID</b>	1019
<b>Known Mappings</b>	
UDP Port	174
TCP Port	174
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAITRD

<b>Name/CLI Keyword</b>	maitrd
<b>Full Name</b>	maitrd
<b>Description</b>	Registered with IANA on port 997 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:997
<b>ID</b>	676
<b>Known Mappings</b>	
UDP Port	997
TCP Port	997
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MANET

<b>Name/CLI Keyword</b>	manet
<b>Full Name</b>	MANETs
<b>Description</b>	A set of protocols used for Mobile Ad hoc Networking. With recent performance advancements in computer and wireless communications technologies, advanced mobile wireless computing is expected to see increasingly widespread use and application, much of which will involve the use of the Internet Protocol (IP) suite. The vision of mobile ad hoc networking is to support robust and efficient operation in mobile wireless networks by incorporating routing functionality into mobile nodes. Such networks are envisioned to have dynamic, sometimes rapidly-changing, random, multihop topologies which are likely composed of relatively bandwidth-constrained wireless links.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2501">http://www.ietf.org/rfc/rfc2501</a>
<b>Global ID</b>	L3:138
<b>ID</b>	1236
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	138
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MANOLITO

<b>Name/CLI Keyword</b>	manolito
<b>Full Name</b>	Manolito
<b>Description</b>	Manolito is a fast peer to peer filesharing and IM application. Manolito is the base protocol for RockItNet, Piolet and Blubster.
<b>Reference</b>	<a href="http://www.manolito.com/">http://www.manolito.com/</a>
<b>Global ID</b>	L7:266
<b>ID</b>	383
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAPI

<b>Name/CLI Keyword</b>	mapi
<b>Full Name</b>	Messaging Application Programming Interface
<b>Description</b>	Messaging Application Programming Interface (MAPI) is a built-in system in Microsoft Windows. It enables numerous email applications to work together. Microsoft Outlook uses MAPI to communicate with Microsoft Exchange.
<b>Reference</b>	<a href="http://msdn.microsoft.com/en-us/library/aa142548(v=exchg.65).aspx">http://msdn.microsoft.com/en-us/library/aa142548(v=exchg.65).aspx</a>
<b>Global ID</b>	L7:78
<b>ID</b>	78
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAPLESTORY

<b>Name/CLI Keyword</b>	maplestory
<b>Full Name</b>	Maplestory
<b>Description</b>	Maplestory is a massively multiplayer online (2D) role playing game (MMORPG) developed by the South Korean company Wizet. The protocol runs over TCP traffic and is divided into control traffic and data traffic.
<b>Reference</b>	<a href="http://maplestory.nexon.net/">http://maplestory.nexon.net/</a>
<b>Global ID</b>	L7:448
<b>ID</b>	1086
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MASQDIALER

<b>Name/CLI Keyword</b>	masqdiabler
<b>Full Name</b>	Masqdiabler
<b>Description</b>	The masqdiabler system is designed to provide easily accessible control of multiple dialout modem connections to the members of a LAN using IP Masquerade for their internet connectivity. The system is a client/server design, so as long as a client can be written for a particular platform, that platform can take advantage of masqdiabler's offerings.
<b>Reference</b>	<a href="http://archive.debian.net/potato/net/masqdiabler">http://archive.debian.net/potato/net/masqdiabler</a>
<b>Global ID</b>	L4:224
<b>ID</b>	1121
<b>Known Mappings</b>	
UDP Port	224
TCP Port	224
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## MATIP-TYPE-A

<b>Name/CLI Keyword</b>	matip-type-a
<b>Full Name</b>	MATIP Type A
<b>Description</b>	Mapping of Airline Traffic over IP Type A (MATIP) is a communication application that connects an airline office or travel agency to a central computer system for seat reservations and ticket issuing. A dumb terminal or a PC accesses the central system (IBM or UNISYS) through a data network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2351">http://tools.ietf.org/html/rfc2351</a>
<b>Global ID</b>	L4:350
<b>ID</b>	266
<b>Known Mappings</b>	
UDP Port	350
TCP Port	350
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MATIP-TYPE-B

<b>Name/CLI Keyword</b>	matip-type-b
<b>Full Name</b>	MATIP Type B
<b>Description</b>	Mapping of Airline Traffic over IP Type B (MATIP) is an e-mail application where real-time is not needed. The addressing scheme uses an international format defined by IATA and contains the city and airline codes. It is transmitted with a high level of protection, multi-addressing and four levels of priority.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2351">http://tools.ietf.org/html/rfc2351</a>
<b>Global ID</b>	L4:351
<b>ID</b>	267
<b>Known Mappings</b>	
UDP Port	351
TCP Port	351
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MAXDB

<b>Name/CLI Keyword</b>	maxdb
<b>Full Name</b>	MaxDB relational database management system
<b>Description</b>	MaxDB is an ANSI SQL-92 (entry level) compliant relational database management system (RDBMS) from SAP AG, which was delivered also by MySQL AB from 2003 to 2007. MaxDB is targeted for large SAP environments e.g. mySAP Business Suite and other applications that require enterprise-level database functionality. It is able to run terabyte-range data in continuous operation.
<b>Reference</b>	<a href="http://maxdb.sap.com/">http://maxdb.sap.com/</a>
<b>Global ID</b>	L4:7210
<b>ID</b>	1353
<b>Known Mappings</b>	
UDP Port	
TCP Port	7210
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MCAFFEE-UPDATE

<b>Name/CLI Keyword</b>	mcafee-update
<b>Full Name</b>	McAfee AutoUpdate
<b>Description</b>	McAfee AutoUpdate is the virus signature updating service for McAfee VirusScan. This service provides a mechanism for customers to monitor and measure the average bandwidth used in updates.
<b>Reference</b>	<a href="http://www.mcafee.com/">http://www.mcafee.com/</a>
<b>Global ID</b>	L4:8801
<b>ID</b>	1354
<b>Known Mappings</b>	
UDP Port	
TCP Port	8801
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MCIDAS

<b>Name/CLI Keyword</b>	mcidas
<b>Full Name</b>	McIDAS Data Transmission Protocol
<b>Description</b>	McIDAS (Man computer Interactive Data Access System) is a suite of sophisticated software packages that perform a wide variety of functions with satellite imagery, observational reports, numerical forecasts, and other geophysical data. Those functions include displaying, analyzing, interpreting, acquiring and managing the data.
<b>Reference</b>	<a href="http://www.ssec.wisc.edu/mcidas/">http://www.ssec.wisc.edu/mcidas/</a>
<b>Global ID</b>	L4:112
<b>ID</b>	982
<b>Known Mappings</b>	
UDP Port	112
TCP Port	112
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MCNS-SEC

<b>Name/CLI Keyword</b>	mcns-sec
<b>Full Name</b>	mcns-sec
<b>Description</b>	Registered with IANA on port 638 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:638
<b>ID</b>	547
<b>Known Mappings</b>	
UDP Port	638
TCP Port	638
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MDC-PORTMAPPER

<b>Name/CLI Keyword</b>	mdc-portmapper
<b>Full Name</b>	mdc-portmapper
<b>Description</b>	Registered with IANA on port 685 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:685
<b>ID</b>	593
<b>Known Mappings</b>	
UDP Port	685
TCP Port	685
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MECOMM

<b>Name/CLI Keyword</b>	mecomm
<b>Full Name</b>	Memcomm
<b>Description</b>	Registered with IANA on port 668 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:668
<b>ID</b>	576
<b>Known Mappings</b>	
UDP Port	668
TCP Port	668
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	trojan
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MEREGISTER

<b>Name/CLI Keyword</b>	mereregister
<b>Full Name</b>	Meregister
<b>Description</b>	Registered with IANA on port 669 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:669
<b>ID</b>	577
<b>Known Mappings</b>	
UDP Port	669
TCP Port	669
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MERIT-INP

<b>Name/CLI Keyword</b>	merit-inp
<b>Full Name</b>	MERIT Internodal Protocol
<b>Description</b>	MERIT Internodal Protocol
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L3:32
<b>ID</b>	786
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	32
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# META5

<b>Name/CLI Keyword</b>	meta5
<b>Full Name</b>	Meta5
<b>Description</b>	Used by Meta5 in their products.
<b>Reference</b>	<a href="http://www.meta5.com/">http://www.meta5.com/</a>
<b>Global ID</b>	L4:393
<b>ID</b>	309
<b>Known Mappings</b>	
UDP Port	393
TCP Port	393
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# METAGRAM

<b>Name/CLI Keyword</b>	metagram
<b>Full Name</b>	Metagram Relay
<b>Description</b>	Registered with IANA on port 99 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:99
<b>ID</b>	970
<b>Known Mappings</b>	
UDP Port	99
TCP Port	99
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# METER

<b>Name/CLI Keyword</b>	meter
<b>Full Name</b>	Meter
<b>Description</b>	Registered with IANA on port 570 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:570
<b>ID</b>	485
<b>Known Mappings</b>	
UDP Port	570
TCP Port	570
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MFCOBOL

<b>Name/CLI Keyword</b>	mfcobol
<b>Full Name</b>	Micro Focus COBOL
<b>Description</b>	Used by Micro Focus applications such as Enterprise Server, COBOL Server Express and more.
<b>Reference</b>	<a href="http://www.microfocus.com/">http://www.microfocus.com/</a>
<b>Global ID</b>	L4:86
<b>ID</b>	958
<b>Known Mappings</b>	
UDP Port	86
TCP Port	86
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MFE-NSP

<b>Name/CLI Keyword</b>	mfe-nsp
<b>Full Name</b>	MFE Network Services Protocol
<b>Description</b>	Registered with IANA as IP Protocol 31
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:31
<b>ID</b>	785
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	31
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MFTP

<b>Name/CLI Keyword</b>	mftp
<b>Full Name</b>	Multisource File Transfer Protocol
<b>Description</b>	Multisource File Transfer Protocol (MFTP) is designed for the purpose of file sharing. It is still under development, and therefore may acquire more features. This is the communication protocol used by such clients as eMule and eDonkey and, in its extended implementation, by the Overnet network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-miller-mftp-spec-02">http://tools.ietf.org/html/draft-miller-mftp-spec-02</a>
<b>Global ID</b>	L4:349
<b>ID</b>	265
<b>Known Mappings</b>	
UDP Port	349
TCP Port	349
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MGCP

<b>Name/CLI Keyword</b>	mgcp
<b>Full Name</b>	Media Gateway Control Protocol
<b>Description</b>	Media Gateway Control Protocol (MGCP) 1.0 is a protocol for the control of Voice over IP (VoIP) calls by external call-control elements known as Media Gateway Controllers (MGCs) or Call Agents (CAs).
<b>Reference</b>	<a href="http://www.packetizer.com/rfc/rfc3435/">http://www.packetizer.com/rfc/rfc3435/</a>
<b>Global ID</b>	L7:62
<b>ID</b>	62
<b>Known Mappings</b>	
UDP Port	2427,2727
TCP Port	2427,2428,2727
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MICOM-PFS

<b>Name/CLI Keyword</b>	micom-pfs
<b>Full Name</b>	micom-pfs
<b>Description</b>	Registered with IANA on port 490 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:490
<b>ID</b>	404
<b>Known Mappings</b>	
UDP Port	490
TCP Port	490
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MICP

<b>Name/CLI Keyword</b>	micp
<b>Full Name</b>	Mobile Internetworking Control Protocol
<b>Description</b>	The Mobile Internetworking Control Protocol is used by the MSSs (Mobile Support Stations) to exchange control information, and by the MHs (mobile hosts) to signal to their MSSs that they have changed cells.
<b>Reference</b>	<a href="http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.8911">http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.8911</a>
<b>Global ID</b>	L3:95
<b>ID</b>	849
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	95
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MICROMUSE-LM

<b>Name/CLI Keyword</b>	micromuse-lm
<b>Full Name</b>	Micromuse-lm
<b>Description</b>	Registered with IANA on port 1534 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:1534
<b>ID</b>	702
<b>Known Mappings</b>	
UDP Port	1534
TCP Port	1534
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MICROSOFTDS

<b>Name/CLI Keyword</b>	microsoftds
<b>Full Name</b>	Microsoft-DS
<b>Description</b>	Microsoft-DS is a port that replaces the Windows NetBIOS ports, for all versions of Windows after NT, as the preferred port for carrying Windows file sharing and other services.
<b>Reference</b>	<a href="http://support.microsoft.com/default.aspx?scid=kb;en-us;832017">http://support.microsoft.com/default.aspx?scid=kb;en-us;832017</a>
<b>Global ID</b>	L4:445
<b>ID</b>	98
<b>Known Mappings</b>	
UDP Port	445
TCP Port	445
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	netbios-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MIKOGO

<b>Name/CLI Keyword</b>	mikogo
<b>Full Name</b>	Mikogo
<b>Description</b>	Mikogo is an online meeting and desktop sharing software that provides web conferencing between users, in addition to file transfer, whiteboard, instant chat and other facilities.
<b>Reference</b>	<a href="http://www.mikogo.com/">http://www.mikogo.com/</a>
<b>Global ID</b>	L7:514
<b>ID</b>	1450
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# MIT-DOV

<b>Name/CLI Keyword</b>	mit-dov
<b>Full Name</b>	MIT Dover Spooler
<b>Description</b>	Registered with IANA on port 91 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:91
<b>ID</b>	962
<b>Known Mappings</b>	
UDP Port	91
TCP Port	91
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MIT-ML-DEV

<b>Name/CLI Keyword</b>	mit-ml-dev
<b>Full Name</b>	MIT ML Device
<b>Description</b>	Registered with IANA on port 83 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:83
<b>ID</b>	956
<b>Known Mappings</b>	
UDP Port	83
TCP Port	83
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MIXI

<b>Name/CLI Keyword</b>	mixi
<b>Full Name</b>	Mixi
<b>Description</b>	Mixi is an online Japanese social networking service.
<b>Reference</b>	<a href="http://www.apple.com/softwareupdate/">http://www.apple.com/softwareupdate/</a>
<b>Global ID</b>	L7:592
<b>ID</b>	1531
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,xmpp-client,http

# MOBILE

<b>Name/CLI Keyword</b>	mobile
<b>Full Name</b>	IP Mobility
<b>Description</b>	Mobile IP (also known as IP mobility) is an Internet Engineering Task Force (IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5944">http://tools.ietf.org/html/rfc5944</a>
<b>Global ID</b>	L3:55
<b>ID</b>	809
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	55
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# MOBILEIP-AGENT

<b>Name/CLI Keyword</b>	mobileip-agent
<b>Full Name</b>	Mobile IP Agent
<b>Description</b>	Mobile IP (or IP mobility) is an Internet Engineering Task Force(IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5944">http://tools.ietf.org/html/rfc5944</a>
<b>Global ID</b>	L4:434
<b>ID</b>	349
<b>Known Mappings</b>	
UDP Port	434
TCP Port	434
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	netwrok-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MOBILIP-MN

<b>Name/CLI Keyword</b>	mobilip-mn
<b>Full Name</b>	MobilIP-MN
<b>Description</b>	Registered with IANA on port 435 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:435
<b>ID</b>	350
<b>Known Mappings</b>	
UDP Port	435
TCP Port	435
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MOBILITYSRV

<b>Name/CLI Keyword</b>	mobilitysrv
<b>Full Name</b>	mobilitysrv
<b>Description</b>	Mobility XE protocol
<b>Reference</b>	-
<b>Global ID</b>	L4:6997
<b>ID</b>	1386
<b>Known Mappings</b>	
UDP Port	6997
TCP Port	6997
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MODBUS

<b>Name/CLI Keyword</b>	modbus
<b>Full Name</b>	Modbus TCP/IP
<b>Description</b>	Modbus is a standard communication protocol for connecting industrial electronic devices, Modbus TCP/IP used the Modbus instruction set and wraps TCP/IP around it.
<b>Reference</b>	<a href="http://www.modbus.org/docs/Modbus_Messaging_Implementation_Guide_V1_0b.pdf">http://www.modbus.org/docs/Modbus_Messaging_Implementation_Guide_V1_0b.pdf</a>
<b>Global ID</b>	L7:555
<b>ID</b>	1491
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# MONDEX

<b>Name/CLI Keyword</b>	mondex
<b>Full Name</b>	Mondex
<b>Description</b>	Mondex is a smart card electronic cash system. The main protocol of Mondex implements electronic cash transfer, using either a device (wallet) with two slots, or an Internet connection.
<b>Reference</b>	<a href="http://vsr.sourceforge.net/mondex.htm">http://vsr.sourceforge.net/mondex.htm</a>
<b>Global ID</b>	L4:471
<b>ID</b>	385
<b>Known Mappings</b>	
UDP Port	471
TCP Port	471
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	epayment
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MONITOR

<b>Name/CLI Keyword</b>	monitor
<b>Full Name</b>	Monitor
<b>Description</b>	Registered with IANA on port 561 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:561
<b>ID</b>	476
<b>Known Mappings</b>	
UDP Port	561
TCP Port	561
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MORTGAGEWARE

<b>Name/CLI Keyword</b>	mortgageware
<b>Full Name</b>	Mortgageware
<b>Description</b>	Registered with IANA on port 367 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:367
<b>ID</b>	283
<b>Known Mappings</b>	
UDP Port	367
TCP Port	367
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPLS-IN-IP

<b>Name/CLI Keyword</b>	mpls-in-ip
<b>Full Name</b>	MPLS-in-IP
<b>Description</b>	Multiprotocol Label Switching (MPLS) is a mechanism in high-performance telecommunications networks that directs data from one network node to the next based on short path labels rather than long network addresses, avoiding complex lookups in a routing table.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4023">http://www.ietf.org/rfc/rfc4023</a>
<b>Global ID</b>	L3:137
<b>ID</b>	1235
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	137
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPM-FLAGS

<b>Name/CLI Keyword</b>	mpm-flags
<b>Full Name</b>	MPM FLAGS Protocol
<b>Description</b>	Registered with IANA on port 44 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:44
<b>ID</b>	924
<b>Known Mappings</b>	
UDP Port	44
TCP Port	44
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPM-SND

<b>Name/CLI Keyword</b>	mpm-snd
<b>Full Name</b>	MPM [default send]
<b>Description</b>	Registered with IANA on port 46 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:46
<b>ID</b>	926
<b>Known Mappings</b>	
UDP Port	46
TCP Port	46
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPM

<b>Name/CLI Keyword</b>	mpm
<b>Full Name</b>	Message Processing Module
<b>Description</b>	Message Processing Module (MPM) is part of the Internet message system. It is responsible for routing and delivering messages.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc759">http://tools.ietf.org/html/rfc759</a>
<b>Global ID</b>	L4:45
<b>ID</b>	925
<b>Known Mappings</b>	
UDP Port	45
TCP Port	45
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPP

<b>Name/CLI Keyword</b>	mpp
<b>Full Name</b>	Netix Message Posting Protocol
<b>Description</b>	Message Posting Protocol (MPP) is a network protocol that is used for posting messages from a computer to a mail service host. It is based on 2 basic structures: command and reply.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1204">http://tools.ietf.org/html/rfc1204</a>
<b>Global ID</b>	L4:218
<b>ID</b>	1115
<b>Known Mappings</b>	
UDP Port	218
TCP Port	218
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MPTN

<b>Name/CLI Keyword</b>	mptn
<b>Full Name</b>	Multiprotocol Transport Network
<b>Description</b>	The Multiprotocol Transport Networking (MPTN) architecture is a general solution to providing interconnectivity for applications. The MPTN architecture provides a protocol-independent system interface that includes most functions provided by existing transport protocols.
<b>Reference</b>	<a href="http://www.ieee-icnp.org/1993/papers/1993-2.pdf">http://www.ieee-icnp.org/1993/papers/1993-2.pdf</a>
<b>Global ID</b>	L4:397
<b>ID</b>	312
<b>Known Mappings</b>	
UDP Port	397
TCP Port	397
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MRM

<b>Name/CLI Keyword</b>	mrm
<b>Full Name</b>	Multicast Routing Monitor
<b>Description</b>	The Multicast Routing Monitor (MRM) is a feature in Cisco products. It is a management diagnostic tool that provides network fault detection and isolation in a large multicast routing infrastructure. It is designed to notify a network administrator of multicast routing problems in near real time.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/docs/ios/12_1/iproute/configuration/guide/1cdtools.html">http://www.cisco.com/en/US/docs/ios/12_1/iproute/configuration/guide/1cdtools.html</a>
<b>Global ID</b>	L4:679
<b>ID</b>	587
<b>Known Mappings</b>	
UDP Port	679
TCP Port	679
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MS-DYNAMICS-CRM-ONLINE

<b>Name/CLI Keyword</b>	ms-dynamics-crm-online
<b>Full Name</b>	Microsoft CRM Dynamics Online
<b>Description</b>	Microsoft CRM Dynamics Online is a customer relationship software package delivered as a cloud service. It provides sales and marketing services and allows customers to customize the product using a .NET framework
<b>Reference</b>	<a href="http://crm.dynamics.com/en-us/on-demand">http://crm.dynamics.com/en-us/on-demand</a>
<b>Global ID</b>	L7:508
<b>ID</b>	1443
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# MS-IIS

<b>Name/CLI Keyword</b>	ms-iis
<b>Full Name</b>	MS RPC IIS
<b>Description</b>	Microsoft Internet Information Services (IIS) is a web server application and set of feature extension modules created by Microsoft for use with Microsoft Windows. The underlying protocol is Microsoft Remote Procedure Call (MS RPC).
<b>Reference</b>	<a href="http://www.iis.net/">http://www.iis.net/</a>
<b>Global ID</b>	L7:482
<b>ID</b>	1411
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ms-rpc

# MS-LIVE-ACCOUNTS

<b>Name/CLI Keyword</b>	ms-live-accounts
<b>Full Name</b>	Microsoft Windows Live Services Authentication
<b>Description</b>	Ms-live-accounts is used for login to various microsoft services.
<b>Reference</b>	<a href="http://login.live.com/">http://login.live.com/</a>
<b>Global ID</b>	L7:498
<b>ID</b>	1434
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-cloud-group
<b>Category</b>	browsing
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## MS-LYNC-AUDIO

<b>Name/CLI Keyword</b>	ms-lync-audio
<b>Full Name</b>	Microsoft Lync Audio
<b>Description</b>	Microsoft Lync Audio is the audio calls support in Microsoft Lync. This protocol also classifies the voice part of video calls. Based on STUN and RTP.
<b>Reference</b>	<a href="http://lync.microsoft.com">http://lync.microsoft.com</a>
<b>Global ID</b>	L7:559
<b>ID</b>	1496
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-lync-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,rtp

## MS-LYNC-MEDIA

<b>Name/CLI Keyword</b>	ms-lync-media
<b>Full Name</b>	Microsoft Lync Media
<b>Description</b>	Microsoft Lync Media is the audio and video calls support in Microsoft Lync. Based on STUN and RTP.
<b>Reference</b>	<a href="http://lync.microsoft.com">http://lync.microsoft.com</a>
<b>Global ID</b>	L7:532
<b>ID</b>	1467
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	ms-lync-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-LYNC

<b>Name/CLI Keyword</b>	ms-lync
<b>Full Name</b>	Microsoft Lync
<b>Description</b>	Microsoft Lync (MS-LYNC) is an enterprise-ready unified communications platform. Users can keep track of their contacts' availability, send an IM, start or join an audio, video, or web conference, or make a phone call.
<b>Reference</b>	<a href="http://lync.microsoft.com">http://lync.microsoft.com</a>
<b>Global ID</b>	L7:531
<b>ID</b>	1466
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-lync-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,stun-nat,http

## MS-LYNC-VIDEO

<b>Name/CLI Keyword</b>	ms-lync-video
<b>Full Name</b>	Skype for Business (MS-Lync) Video
<b>Description</b>	Skype for Business (formerly Microsoft Lync) is a communications and collaboration platform that brings together an experience inspired by Skype with enterprise-grade security, compliance and control. It offers features including presence, IM, voice and video calls, and online meetings. Since it is built right in to Microsoft Office, initiating chats, calls and meetings is an integrated experience within Office. This protocol classifies the video traffic of this app.
<b>Reference</b>	<a href="http://www.skype.com/en/business/">'http://www.skype.com/en/business/</a>
<b>Global ID</b>	L7:560
<b>ID</b>	1497
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-lync-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,rtp

# MS-NETLOGON

<b>Name/CLI Keyword</b>	ms-netlogon
<b>Full Name</b>	MS RPC Netlogon
<b>Description</b>	The Net Logon service verifies logon requests, and it registers, authenticates, and locates domain controllers. To maintain backward compatibility Net Logon manages replication of the user account database to back-up domain controllers running Windows NT 4.0 and earlier. It is based on Microsoft Remote Procedure Call (MS RPC).
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc962284.aspx">http://technet.microsoft.com/en-us/library/cc962284.aspx</a>
<b>Global ID</b>	L7:483
<b>ID</b>	1412
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ms-rpc



# MS-OCS-FILE-TRANSFER

<b>Name/CLI Keyword</b>	ms-ocs-file-transfer
<b>Full Name</b>	Microsoft Office Communications Server and File Transfer
<b>Description</b>	Microsoft Office Communications Server and File Transfer is used by Microsoft Office Communicator (an instant messaging software) for file transfer.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/office/ocs/bb267356.aspx">http://technet.microsoft.com/en-us/office/ocs/bb267356.aspx</a>
<b>Global ID</b>	L4:6891
<b>ID</b>	1356
<b>Known Mappings</b>	
UDP Port	
TCP Port	6891
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MS-OFFICE-365

<b>Name/CLI Keyword</b>	ms-office-365
<b>Full Name</b>	Microsoft Office 365
<b>Description</b>	Microsoft Office 365 is a commercial software plus services that offers the Microsoft Office suite of desktop applications as well as hosted versions of Microsoft's Server products delivered and accessed over the Internet
<b>Reference</b>	<a href="http://www.microsoft.com/en-us/office365/online-software.aspx">http://www.microsoft.com/en-us/office365/online-software.aspx</a>
<b>Global ID</b>	L7:495
<b>ID</b>	1431
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-cloud-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

## MS-OFFICE-WEB-APPS

<b>Name/CLI Keyword</b>	ms-office-web-apps
<b>Full Name</b>	Microsoft Office Web Applications
<b>Description</b>	Microsoft Office Web Apps is the web-based version of the Microsoft Office productivity suite. It includes the web-based versions of Microsoft Word, Microsoft Excel, Microsoft PowerPoint and Microsoft OneNote. The web applications allow users to access their documents within a web browser and collaborate with other users online.
<b>Reference</b>	<a href="http://office.microsoft.com/en-us/web-apps/">http://office.microsoft.com/en-us/web-apps/</a>
<b>Global ID</b>	L7:563
<b>ID</b>	1500
<b>Known Mappings</b>	
UDP Port	-
TCP Port	443,80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-cloud-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# MS-OLAP

<b>Name/CLI Keyword</b>	ms-olap
<b>Full Name</b>	Microsoft OLAP
<b>Description</b>	Online Analytical Processing (OLAP) is part of the Microsoft SQL Server database management system. It is a technology that is used to organize large business databases in order to support business intelligence and swiftly answer multi-dimensional analytical (MDA) queries.
<b>Reference</b>	<a href="http://www.microsoft.com/press/pr/00/07/070701.asp#B">http://www.microsoft.com/press/pr/00/07/0701.asp#B</a> What is online analytical processing
<b>Global ID</b>	L4:2393
<b>ID</b>	686
<b>Known Mappings</b>	
UDP Port	2393
TCP Port	2393
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-ROME

<b>Name/CLI Keyword</b>	ms-rome
<b>Full Name</b>	Microsoft Rome
<b>Description</b>	Registered with IANA on port 569 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:569
<b>ID</b>	484
<b>Known Mappings</b>	
UDP Port	569
TCP Port	569
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-RPC

<b>Name/CLI Keyword</b>	ms-rpc
<b>Full Name</b>	Microsoft Remote Procedure Call
<b>Description</b>	Microsoft Remote Procedure Call (MS-RPC) is an interprocess communication (IPC) mechanism that enables data exchange and invocation of functionality residing in a different process. That process can be on the same computer, on the local area network (LAN) or across the Internet.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc958781.aspx">http://technet.microsoft.com/en-us/library/cc958781.aspx</a>
<b>Global ID</b>	L7:1310
<b>ID</b>	1310
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-SHUTTLE

<b>Name/CLI Keyword</b>	ms-shuttle
<b>Full Name</b>	Microsoft Shuttle
<b>Description</b>	Registered with IANA on port 568 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:568
<b>ID</b>	483
<b>Known Mappings</b>	
UDP Port	568
TCP Port	568
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-SMS

<b>Name/CLI Keyword</b>	ms-sms
<b>Full Name</b>	MS-RPC System Management Server
<b>Description</b>	Systems Management Server (SMS) is a systems management software product made by Microsoft for managing large groups of Windows-based computer systems. SMS provides remote control, patch management, software distribution, and hardware and software inventory. Its based on Microsoft Remote Procedure Call (MS RPC).
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc751130.aspx">http://technet.microsoft.com/en-us/library/cc751130.aspx</a>
<b>Global ID</b>	L7:484
<b>ID</b>	1413
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



## MS-SQL-M

<b>Name/CLI Keyword</b>	ms-sql-m
<b>Full Name</b>	Microsoft SQL Monitor
<b>Description</b>	Microsoft SQL Monitor uses the SQL Server Resolution Protocol. It is an application-layer request/response protocol that facilitates connectivity to a database server and provides for Communication endpoint information and Database instance enumeration.
<b>Reference</b>	<a href="http://msdn.microsoft.com/en-us/library/cc219703(v=prot.10)">http://msdn.microsoft.com/en-us/library/cc219703(v=prot.10)</a>
<b>Global ID</b>	L4:1434
<b>ID</b>	685
<b>Known Mappings</b>	
UDP Port	1434
TCP Port	1434
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-STREAMING

<b>Name/CLI Keyword</b>	ms-streaming
<b>Full Name</b>	Microsoft Media Server
<b>Description</b>	Microsoft Media Server (MMS) is Microsoft's proprietary network streaming protocol used to transfer unicast data in Windows Media Services.
<b>Reference</b>	<a href="http://msdn.microsoft.com/en-us/library/cc239490.aspx">http://msdn.microsoft.com/en-us/library/cc239490.aspx</a>
<b>Global ID</b>	L4:1755
<b>ID</b>	1355
<b>Known Mappings</b>	
UDP Port	1755
TCP Port	1755
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-UPDATE

<b>Name/CLI Keyword</b>	ms-update
<b>Full Name</b>	Microsoft Windows Update Service
<b>Description</b>	Microsoft Windows Update Service provides updates for the Microsoft Windows operating system and its installed components.
<b>Reference</b>	<a href="http://windows.microsoft.com/en-us/windows/help/windows-update">http://windows.microsoft.com/en-us/windows/help/windows-update</a>
<b>Global ID</b>	L7:497
<b>ID</b>	1432
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# MS-WBT

<b>Name/CLI Keyword</b>	ms-wbt
<b>Full Name</b>	Remote Desktop Protocol
<b>Description</b>	Remote Desktop Protocol (RDP) is a protocol developed by Microsoft. It was formerly known as Microsoft Windows Based Terminal (MS WBT). By default, RDP communication travels over TCP port 3389. The most common use of this protocol is the Remote Desktop Connection or Terminal Services client. The protocol is an extension of the ITU-T T.128 application sharing protocol. Clients exist for most versions of Microsoft Windows (including Windows Mobile), Linux, Unix, Mac OS X and other modern operating systems.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc960973.aspx">http://technet.microsoft.com/en-us/library/cc960973.aspx</a>
<b>Global ID</b>	L4:3389
<b>ID</b>	689
<b>Known Mappings</b>	
UDP Port	
TCP Port	3389
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MS-WIN-DNS

<b>Name/CLI Keyword</b>	ms-win-dns
<b>Full Name</b>	MS RPC Windows DNS
<b>Description</b>	Microsoft Windows Internet Name Service (WINS) name resolution method is the implementation of NetBios name system services provided in Microsoft Windows operating systems. The underlying protocol is Microsoft Remote Procedure Call (MS RPC).
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc784180%28WS.10%29.aspx">http://technet.microsoft.com/en-us/library/cc784180%28WS.10%29.aspx</a>
<b>Global ID</b>	L7:481
<b>ID</b>	1410
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ms-rpc

# MSDP

<b>Name/CLI Keyword</b>	msdp
<b>Full Name</b>	Multicast Source Discovery Protocol
<b>Description</b>	Multicast Source Discovery Protocol (MSDP) is a multicast routing protocol belonging to the Protocol Independent Multicast (PIM) family. MSDP interconnects multiple IPv4 PIM Sparse-Mode (PIM-SM) domains, which enables PIM-SM to have Rendezvous Point (RP) redundancy and inter-domain multicasting.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3618">http://tools.ietf.org/html/rfc3618</a>
<b>Global ID</b>	L4:639
<b>ID</b>	548
<b>Known Mappings</b>	
UDP Port	639
TCP Port	639
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MSEXCH-ROUTING

<b>Name/CLI Keyword</b>	msexch-routing
<b>Full Name</b>	MS Exchange Routing
<b>Description</b>	MS Exchange Routing is Used by Microsoft Exchange servers to exchange routing information.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/bb123812">http://technet.microsoft.com/en-us/library/bb123812</a>
<b>Global ID</b>	L4:691
<b>ID</b>	599
<b>Known Mappings</b>	
UDP Port	691
TCP Port	691
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MSFT-GC-SSL

<b>Name/CLI Keyword</b>	msft-gc-ssl
<b>Full Name</b>	Microsoft Global Catalog with LDAP/SSL
<b>Description</b>	The Microsoft Global Catalog enables searching for Active Directory objects in any domain in the forest without the need for subordinate referrals, and users can find objects of interest quickly without having to know what domain holds the object.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/how-global-catalog-servers-work(v=ws.10).aspx">http://technet.microsoft.com/en-us/library/how-global-catalog-servers-work(v=ws.10).aspx</a>
<b>Global ID</b>	L4:3269
<b>ID</b>	688
<b>Known Mappings</b>	
UDP Port	3269
TCP Port	3269
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MSFT-GC

<b>Name/CLI Keyword</b>	msft-gc
<b>Full Name</b>	Microsoft Global Catalog
<b>Description</b>	The Microsoft Global Catalog is a distributed data repository that contains a searchable, partial representation of every object in every domain in a multidomain ActiveDirectory Domain Services (ADDS) forest. The global catalog is stored on domain controllers that have been designated as global catalog servers and is distributed through multimaster replication.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc728188(v=ws.10).aspx">http://technet.microsoft.com/en-us/library/cc728188(v=ws.10).aspx</a>
<b>Global ID</b>	L4:3268
<b>ID</b>	687
<b>Known Mappings</b>	
UDP Port	3268
TCP Port	3268
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MSG-AUTH

<b>Name/CLI Keyword</b>	msg-auth
<b>Full Name</b>	msg-auth
<b>Description</b>	Registered with IANA on port 31 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:31
<b>ID</b>	916
<b>Known Mappings</b>	
UDP Port	31
TCP Port	31
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MSG-ICP

<b>Name/CLI Keyword</b>	msg-icp
<b>Full Name</b>	msg-icp
<b>Description</b>	Registered with IANA on port 29 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:29
<b>ID</b>	913
<b>Known Mappings</b>	
UDP Port	29
TCP Port	29
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MSN-MESSENGER-FT

<b>Name/CLI Keyword</b>	msn-messenger-ft
<b>Full Name</b>	Windows Live Messenger File Transfer
<b>Description</b>	MSN Messenger (recently renamed to Windows Live Messenger) is an instant messaging client created by Microsoft that is designed to Work with Windows XP, Vista and Windows 7 etc. In June 2009 Microsoft reported the service attracted over 330 million active users each month.MSN-Messenger-Video represents the MSN-Messenger-Video network traffic. MSN-video traffic underlying protocol is rtp over stun traffic. Windows live messenger was replaced by Skype except for China.
<b>Reference</b>	<a href="http://explore.live.com/messenger">http://explore.live.com/messenger</a>
<b>Global ID</b>	L7:309
<b>ID</b>	1202
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	msn-messenger-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,socks,msn-messenger,ms-wbt

# MSN-MESSENGER-VIDEO

<b>Name/CLI Keyword</b>	msn-messenger-video
<b>Full Name</b>	Windows Live Messenger Video
<b>Description</b>	Msn-Messenger-Video represents the video traffic within the MS-Live-Messenger client. Windows live messenger was replaced by Skype except for China.
<b>Reference</b>	<a href="http://explore.live.com/messenger">http://explore.live.com/messenger</a>
<b>Global ID</b>	L7:323
<b>ID</b>	1216
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	msn-messenger-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,socks,msn-messenger,stun-nat,rtp,ms-wbt

# MSN-MESSENGER

<b>Name/CLI Keyword</b>	msn-messenger
<b>Full Name</b>	Windows Live Messenger
<b>Description</b>	MSN-Messenger (recently renamed to Windows Live Messenger) software is used to connect clients to each other. The clients can chat and make audio and video calls with one-another. The software uses multiple underlying protocols: HTTP, SOCKS and MS-WBT. Windows live messenger was replaced by Skype except for China.
<b>Reference</b>	<a href="http://explore.live.com/messenger">http://explore.live.com/messenger</a>
<b>Global ID</b>	L7:75
<b>ID</b>	75
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	msn-messenger-group
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,socks,http,ms-wbt

# MSNP

<b>Name/CLI Keyword</b>	msnp
<b>Full Name</b>	Microsoft Notification Protocol
<b>Description</b>	Microsoft Notification Protocol (MSNP) is an instant messaging protocol developed by Microsoft for use by the .NET Messenger Service and the instant messaging clients that connect to it, such as Windows Live Messenger, its earlier incarnations MSN Messenger and Windows Messenger, and Microsoft Messenger for Mac. Third-party clients such as Pidgin and Trillian can also communicate using the protocol.
<b>Reference</b>	<a href="http://msnpiki.msnfanatic.com/">http://msnpiki.msnfanatic.com/</a>
<b>Global ID</b>	L4:1863
<b>ID</b>	713
<b>Known Mappings</b>	
UDP Port	1863
TCP Port	1863
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	msn-messenger-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MSP

<b>Name/CLI Keyword</b>	msp
<b>Full Name</b>	SEND
<b>Description</b>	The Message Send Protocol (SEND) is used to send a short message to a given user on a given terminal on a given host.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1312">http://www.ietf.org/rfc/rfc1312</a>
<b>Global ID</b>	L4:18
<b>ID</b>	907
<b>Known Mappings</b>	
UDP Port	18
TCP Port	18
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# MTP

<b>Name/CLI Keyword</b>	mtp
<b>Full Name</b>	Multicast Transport Protocol
<b>Description</b>	Media Transfer Protocol is a set of custom extensions to the Picture Transfer Protocol (PTP). PTP is used for downloading photographs from digital cameras, whereas MTP adds support for the transfer of music files on digital audio players, media files on portable media players and personal information on personal digital assistants. Media Transfer Protocol (commonly referred to as MTP) is part of the "Windows Media" framework and thus closely related to Windows Media Player. Windows Vista has built-in support for MTP. Support for Media Transfer Protocol in Windows XP requires the installation of Windows Media Player 10 or higher. Mac and Linux systems have software packages to support it.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Media_Transfer_Protocol">http://en.wikipedia.org/wiki/Media_Transfer_Protocol</a>
<b>Global ID</b>	L3:92
<b>ID</b>	846
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	92
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MULTILING-HTTP

<b>Name/CLI Keyword</b>	multiling-http
<b>Full Name</b>	Multiling HTTP
<b>Description</b>	Registered with IANA on port 777 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:777
<b>ID</b>	650
<b>Known Mappings</b>	
UDP Port	777
TCP Port	777
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MULTIPLEX

<b>Name/CLI Keyword</b>	multiplex
<b>Full Name</b>	Network Innovations Multiplex
<b>Description</b>	Registered with IANA on port 171 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:171
<b>ID</b>	1016
<b>Known Mappings</b>	
UDP Port	171
TCP Port	171
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MUMPS

<b>Name/CLI Keyword</b>	mumps
<b>Full Name</b>	Plus Fives MUMPS
<b>Description</b>	Registered with IANA on port 188 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:188
<b>ID</b>	1032
<b>Known Mappings</b>	
UDP Port	188
TCP Port	188
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MUX

<b>Name/CLI Keyword</b>	mux
<b>Full Name</b>	Multiplexing
<b>Description</b>	The Multiplexing Protocol is defined to allow the combining of transmission units of different higher level protocols in one transmission unit of a lower level protocol.
<b>Reference</b>	<a href="http://www.rfc-editor.org/ien/ien90.txt">http://www.rfc-editor.org/ien/ien90.txt</a>
<b>Global ID</b>	L3:18
<b>ID</b>	772
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	18
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MY-JABBER-FT

<b>Name/CLI Keyword</b>	my-jabber-ft
<b>Full Name</b>	My Jabber FT
<b>Description</b>	My Jabber File Transfer (My Jabber FT) is a feature that allows users to transfer files with each other. MyJabber interacts with AIM, ICQ, MSN, and Yahoo, and it has the ability to create conference rooms and person-to-person text talk. Transfers with Jabber can either be done direct client-to-client or via a proxy.
<b>Reference</b>	<a href="http://www.myjabber.com/">http://www.myjabber.com/</a>
<b>Global ID</b>	L7:312
<b>ID</b>	1205
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## MYLEX-MAPD

<b>Name/CLI Keyword</b>	mylex-mapd
<b>Full Name</b>	Mylex-mapd
<b>Description</b>	Registered with IANA on port 467 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:467
<b>ID</b>	381
<b>Known Mappings</b>	
UDP Port	467
TCP Port	467
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# MYSQL

<b>Name/CLI Keyword</b>	mysql
<b>Full Name</b>	mySQL
<b>Description</b>	MySQL is a relational database management system (RDBMS) that runs as a server, providing multi-user access to a number of databases. The SQL phrase stands for Structured Query Language.
<b>Reference</b>	<a href="http://www.mysql.com/">http://www.mysql.com/</a>
<b>Global ID</b>	L4:3306
<b>ID</b>	711
<b>Known Mappings</b>	
UDP Port	3306
TCP Port	3306
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





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# NAME

<b>Name/CLI Keyword</b>	name
<b>Full Name</b>	NAMESERVER
<b>Description</b>	The ARPA Host Name Server Protocol (NAMESERVER), is an obsolete network protocol used in translating a host name to an Internet address. IANA Transmission Control Protocol (TCP) and User Datagram Protocol(UDP) port 42 for NAMESERVER is more commonly used by the Windows Internet Name Service (WINS) on Microsoft operating systems.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/ARPA_Host_Name_Server_Protocol">http://en.wikipedia.org/wiki/ARPA_Host_Name_Server_Protocol</a>
<b>Global ID</b>	L4:42
<b>ID</b>	922
<b>Known Mappings</b>	
UDP Port	42
TCP Port	42
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NAMP

<b>Name/CLI Keyword</b>	namp
<b>Full Name</b>	NAMP
<b>Description</b>	Neighbour Aware Multicast Routings Protocol (NAMP), is a tree based, hybrid multicast routing protocol for A Mobile Ad Hoc Network (MANET). MANET is a system of wireless mobile nodes that can freely and dynamically self-organize into arbitrary and temporary network topologies without the presence of any fixed communication infrastructure.
<b>Reference</b>	<a href="http://www.ccis2k.org/iajit/PDF/vol.5,no.1/14-116.pdf">http://www.ccis2k.org/iajit/PDF/vol.5,no.1/14-116.pdf</a>
<b>Global ID</b>	L4:167
<b>ID</b>	1012
<b>Known Mappings</b>	
UDP Port	167
TCP Port	167
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NAPSTER

<b>Name/CLI Keyword</b>	napster
<b>Full Name</b>	Napster
<b>Description</b>	Napster is an online music store. Users can hear online music and radio without downloading content to a local device. It's supported on various mobile platforms: iOS products and Blackberry.
<b>Reference</b>	<a href="http://www.rhapsody.com/napster">http://www.rhapsody.com/napster</a>
<b>Global ID</b>	L7:268
<b>ID</b>	462
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# NARP

<b>Name/CLI Keyword</b>	narp
<b>Full Name</b>	NBMA Address Resolution Protocol
<b>Description</b>	NBMA Address Resolution Protocol (NARP) can be used by a source terminal (host or router) connected to a Non-Broadcast, Multi-Access link layer (NBMA) network to find out the NBMA addresses of the a destination terminal provided that the destination terminal is connected to the same NBMA network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1735">http://tools.ietf.org/html/rfc1735</a>
<b>Global ID</b>	L3:54
<b>ID</b>	808
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	54
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NAS

<b>Name/CLI Keyword</b>	nas
<b>Full Name</b>	Netnews Administration System
<b>Description</b>	The Netnews Administration System (NAS) is a framework to simplify the administration and usage of network news (also known as Netnews) on the Internet. Data for the administration of newsgroups and hierarchies are kept in a distributed hierarchical database and are available through a client-server protocol.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4707">http://tools.ietf.org/html/rfc4707</a>
<b>Global ID</b>	L4:991
<b>ID</b>	670
<b>Known Mappings</b>	
UDP Port	991
TCP Port	991
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NAVER-LINE

<b>Name/CLI Keyword</b>	naver-line
<b>Full Name</b>	Naver Line
<b>Description</b>	Naver-line is a Japanese proprietary application for instant messaging on smart phones and PCs. Naver-Line users exchange text messages, graphics, video and audio media, make free VoIP calls, and hold free audio or video conferences.
<b>Reference</b>	<a href="http://line.me/ko/">http://line.me/ko/</a>
<b>Global ID</b>	L7:573
<b>ID</b>	1512
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,stun-nat,http



# NCED

<b>Name/CLI Keyword</b>	nced
<b>Full Name</b>	nced
<b>Description</b>	Registered with IANA on port 404 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:404
<b>ID</b>	319
<b>Known Mappings</b>	
UDP Port	404
TCP Port	404
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NCLD

<b>Name/CLI Keyword</b>	ncl d
<b>Full Name</b>	Ncl d
<b>Description</b>	Registered with IANA on port 405 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:405
<b>ID</b>	320
<b>Known Mappings</b>	
UDP Port	405
TCP Port	405
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NCP

<b>Name/CLI Keyword</b>	ncp
<b>Full Name</b>	NetWare Core Protocol
<b>Description</b>	NetWare Core Protocol (NCP) is a protocol used to access network service functions (such as access file, print, clock synchronization) remotely. The protocol is developed by Novell Inc. and is used by NetWare operating systems, as well as being partially used in other OS. Typically, NCP uses TCP/UDP port 524.
<b>Reference</b>	<a href="http://www.faqs.org/rfcs/rfc801.html">http://www.faqs.org/rfcs/rfc801.html</a>
<b>Global ID</b>	L4:524
<b>ID</b>	442
<b>Known Mappings</b>	
UDP Port	524
TCP Port	524
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NCUBE-LM

<b>Name/CLI Keyword</b>	ncube-lm
<b>Full Name</b>	nCube License Manager
<b>Description</b>	nCube License Manager is a service used by nCube, a series of parallel computing computers. nCube used server class chips manufactured by a third party in massively parallel hardware deployments, primarily for the purposes of on-demand video. nCube was aquired and is now a part of the telecommunications company AARIS.
<b>Reference</b>	<a href="http://www.ncube.com/">http://www.ncube.com/</a>
<b>Global ID</b>	L4:1521
<b>ID</b>	1389
<b>Known Mappings</b>	
UDP Port	1521
TCP Port	1521
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NDMP

<b>Name/CLI Keyword</b>	ndmp
<b>Full Name</b>	Network Data Management Protocol
<b>Description</b>	Network Data Management Protocol (NDMP) is a protocol invented by the NetApp and Legato companies, meant to transport data between Network Attached Storage (NAS) devices and backup devices. This removes the need for transporting the data through the backup server itself, thus enhancing speed and removing load from the backup server.
<b>Reference</b>	<a href="http://www.ndmp.org/">http://www.ndmp.org/</a>
<b>Global ID</b>	L4:10000
<b>ID</b>	1357
<b>Known Mappings</b>	
UDP Port	
TCP Port	10000
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NDSAUTH

<b>Name/CLI Keyword</b>	ndsauth
<b>Full Name</b>	NDS Authentication
<b>Description</b>	NDS authentication is the process of proving one's identification to Network Domain Security. Authentication is accomplished by having an object in the NDS tree represent the user requesting access. This object contains or has access to all of the pertinent information about the user (i.e., password signature, encryption keys, etc.) that NDS needs to prove that users communicating from client machines are who they say they are.
<b>Reference</b>	<a href="http://ldapwiki.willeke.com/wiki/NDS%20Authentication">http://ldapwiki.willeke.com/wiki/NDS%20Authentication</a>
<b>Global ID</b>	L4:353
<b>ID</b>	269
<b>Known Mappings</b>	
UDP Port	353
TCP Port	353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NEST-PROTOCOL

<b>Name/CLI Keyword</b>	nest-protocol
<b>Full Name</b>	Nest Protocol
<b>Description</b>	NEST , by Novell, defines a systems architecture, and supplies a set of implementation tools and strategies, to add value to embedded systems by making NetWare services available for their use. These services range from file and print, to communications with other network nodes.
<b>Reference</b>	<a href="http://support.novell.com/techcenter/articles/dnd19941103.html">http://support.novell.com/techcenter/articles/dnd19941103.html</a>
<b>Global ID</b>	L4:489
<b>ID</b>	403
<b>Known Mappings</b>	
UDP Port	489
TCP Port	489
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NET-ASSISTANT

<b>Name/CLI Keyword</b>	net-assistant
<b>Full Name</b>	net-assistant
<b>Description</b>	Apple Net Assistant is part of an administrators package developed for Apple OS based networks, giving the administrator remote desktop access.
<b>Reference</b>	<a href="http://www.apple.com/remotedesktop/">http://www.apple.com/remotedesktop/</a>
<b>Global ID</b>	L4:3300
<b>ID</b>	712
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NET8-CMAN

<b>Name/CLI Keyword</b>	net8-cman
<b>Full Name</b>	Oracle Net8 CMan Admin
<b>Description</b>	Oracle Net8 CMan Admin refers to general administrative commands to Oracle Connection Manager.
<b>Reference</b>	<a href="http://docs.oracle.com/cd/A64702_01/doc/network.805/a58230/toc.htm">http://docs.oracle.com/cd/A64702_01/doc/network.805/a58230/toc.htm</a>
<b>Global ID</b>	L4:1830
<b>ID</b>	697
<b>Known Mappings</b>	
UDP Port	1830
TCP Port	1830
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETAPP-SNAPMIRROR

<b>Name/CLI Keyword</b>	netapp-snapmirror
<b>Full Name</b>	NetApp SnapMirror
<b>Description</b>	NetApp SnapMirror software is an enterprise-level disaster recovery and data distribution solution. SnapMirror mirrors data to one or more network filers at high speed over LAN or WAN connections.
<b>Reference</b>	<a href="http://www.netapp.com/us/products/protection-software/snapmirror.html">http://www.netapp.com/us/products/protection-software/snapmirror.html</a>
<b>Global ID</b>	L7:401
<b>ID</b>	1293
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETBIOS-DGM

<b>Name/CLI Keyword</b>	netbios-dgm
<b>Full Name</b>	NetBIOS's Datagram Distribution Service
<b>Description</b>	NetBIOS's datagram distribution service is the part of the NetBIOS-over-TCP/UDP protocol suite for connectionless communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's datagram distribution service provides a connectionless service which means that the error detection and recovery are the application responsibility.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1002">http://tools.ietf.org/html/rfc1002</a>
<b>Global ID</b>	L4:138
<b>ID</b>	1505
<b>Known Mappings</b>	
UDP Port	138
TCP Port	138
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	-
IPv6 Support	-
<b>Application Group</b>	netbios-group
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETBIOS-NS

<b>Name/CLI Keyword</b>	netbios-ns
<b>Full Name</b>	NetBIOS Naming Service
<b>Description</b>	NetBIOS Name Service is part of the NetBIOS-over-TCP/UDP protocol suite for name registration and resolution. It provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. In NetBIOS, each participant must register on the network using a unique name. NetBIOS over TCP/IP can implement a central repository or Name Service that records all name registrations. It only supports IPV4 addresses and typically works on TCP/UDP port 137.
<b>Reference</b>	<a href="http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053">http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053</a>
<b>Global ID</b>	L4:137
<b>ID</b>	1421
<b>Known Mappings</b>	
UDP Port	-
TCP Port	137
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	netbios-group
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETBIOS-SSN

<b>Name/CLI Keyword</b>	netbios-ssn
<b>Full Name</b>	NetBIOS's session service
<b>Description</b>	NetBIOS's session service is the part of the NetBIOS-over-TCP/UDP protocol suite for connection oriented communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's session service allows two machines to form a connection, mechanisms for error detection and recovery and multiple packets messages.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1002">http://tools.ietf.org/html/rfc1002</a>
<b>Global ID</b>	L4:139
<b>ID</b>	1506
<b>Known Mappings</b>	
UDP Port	139
TCP Port	139
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	-
IPv6 Support	-
<b>Application Group</b>	netbios-group
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETBLT

<b>Name/CLI Keyword</b>	netblt
<b>Full Name</b>	Bulk Data Transfer Protocol
<b>Description</b>	NETBLT (NETwork BLock Transfer) is a transport level protocol intended for the rapid transfer of a large quantity of data between computers. It provides a transfer that is reliable and flow controlled, and is designed to provide maximum throughput over a wide variety of networks. Although NETBLT currently runs on top of the Internet Protocol (IP), it should be able to operate on top of any datagram protocol similar in function to IP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc998">http://tools.ietf.org/html/rfc998</a>
<b>Global ID</b>	L3:30
<b>ID</b>	784
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	30
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETFLIX

<b>Name/CLI Keyword</b>	netflix
<b>Full Name</b>	Netflix
<b>Description</b>	Netflix is an American provider of on-demand internet streaming media in the United States, Canada, and Latin America. Netflix on-demand Internet video streaming ("Watch Instantly") works on Windows or Mac OS X and compatible devices. The services underlying protocols are HTTP and SSL.
<b>Reference</b>	<a href="http://www.netflix.com/">http://www.netflix.com/</a>
<b>Global ID</b>	L7:457
<b>ID</b>	1316
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# NETGW

<b>Name/CLI Keyword</b>	netgw
<b>Full Name</b>	netGW
<b>Description</b>	Registered with IANA on port 741 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:741
<b>ID</b>	618
<b>Known Mappings</b>	
UDP Port	741
TCP Port	741
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NETNEWS

<b>Name/CLI Keyword</b>	netnews
<b>Full Name</b>	Netnews
<b>Description</b>	Netnews (Usenet) is a worldwide distributed Internet discussion system. It was developed from the general purpose UUCP architecture of the same name.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Usenet">http://en.wikipedia.org/wiki/Usenet</a>
<b>Global ID</b>	L4:532
<b>ID</b>	450
<b>Known Mappings</b>	
UDP Port	532
TCP Port	532
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	nntp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	newsgroup
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETOP-REMOTE-CONTROL

<b>Name/CLI Keyword</b>	netop-remote-control
<b>Full Name</b>	Netop Remote Control
<b>Description</b>	Netop Remote Control provides solutions for the remote management and support of enterprise IT infrastructure, help desk, customer service, kiosk and POS devices. The cross-platform capabilities make it possible to access the most common operating systems from any operating system of the same selection. Connection over the Internet is possible to both pre-installed clients as well as on-demand clients. Netop supports access to computers not having loaded the operating system for maintenance of BIOS etc.
<b>Reference</b>	<a href="http://www.netop.com/products/administration/remote.htm">http://www.netop.com/products/administration/remote.htm</a>
<b>Global ID</b>	L4:1970
<b>ID</b>	1399
<b>Known Mappings</b>	
UDP Port	1970,1971,6502,26137
TCP Port	1970,1971,6502
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETRCS

<b>Name/CLI Keyword</b>	netrcs
<b>Full Name</b>	Network based Rev. Cont. Sys.
<b>Description</b>	Registered with IANA on port 742 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:742
<b>ID</b>	619
<b>Known Mappings</b>	
UDP Port	742
TCP Port	742
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETRJS-1

<b>Name/CLI Keyword</b>	netrjs-1
<b>Full Name</b>	Remote Job Service
<b>Description</b>	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc740">http://tools.ietf.org/html/rfc740</a>
<b>Global ID</b>	L4:71
<b>ID</b>	948
<b>Known Mappings</b>	
UDP Port	71
TCP Port	71
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## NETRJS-2

<b>Name/CLI Keyword</b>	netrjs-2
<b>Full Name</b>	Remote Job Service
<b>Description</b>	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc740">http://tools.ietf.org/html/rfc740</a>
<b>Global ID</b>	L4:72
<b>ID</b>	949
<b>Known Mappings</b>	
UDP Port	72
TCP Port	72
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## NETRJS-3

<b>Name/CLI Keyword</b>	netrjs-3
<b>Full Name</b>	Remote Job Service
<b>Description</b>	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc740">http://tools.ietf.org/html/rfc740</a>
<b>Global ID</b>	L4:73
<b>ID</b>	950
<b>Known Mappings</b>	
UDP Port	73
TCP Port	73
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt . From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## NETRJS-4

<b>Name/CLI Keyword</b>	netrjs-4
<b>Full Name</b>	Remote Job Service
<b>Description</b>	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc740">http://tools.ietf.org/html/rfc740</a>
<b>Global ID</b>	L4:74
<b>ID</b>	951
<b>Known Mappings</b>	
UDP Port	74
TCP Port	74
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETSC-DEV

<b>Name/CLI Keyword</b>	netsc-dev
<b>Full Name</b>	NETSC
<b>Description</b>	Registered with IANA on port 155 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:155
<b>ID</b>	1002
<b>Known Mappings</b>	
UDP Port	155
TCP Port	155
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NETSC-PROD

<b>Name/CLI Keyword</b>	netsc-prod
<b>Full Name</b>	NETSC
<b>Description</b>	Registered with IANA on port 154 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:154
<b>ID</b>	1001
<b>Known Mappings</b>	
UDP Port	154
TCP Port	154
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETSHOW

<b>Name/CLI Keyword</b>	netshow
<b>Full Name</b>	Windows Media
<b>Description</b>	Netshow is a Microsoft software designed to stream media over intranets and the internet. NetShow can transfer live multicast and on-demand streamed audio, illustrated audio and video. Typically, Netshow uses TCP port 1755 and UDP ports between 1024-5000.
<b>Reference</b>	<a href="http://www.microsoft.com/presspass/press/1997/mar97/nsbta2pr.mspx">http://www.microsoft.com/presspass/press/1997/mar97/nsbta2pr.mspx</a>
<b>Global ID</b>	L7:426
<b>ID</b>	53
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETVIEWDM1

<b>Name/CLI Keyword</b>	netviewdm1
<b>Full Name</b>	IBM NetView DM/6000 Server/Client
<b>Description</b>	IBM NetView Distribution Manager provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system, and provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process
<b>Reference</b>	<a href="http://www-01.ibm.com/software/tivoli/products/netview_distmgr/">http://www-01.ibm.com/software/tivoli/products/netview_distmgr/</a>
<b>Global ID</b>	L4:729
<b>ID</b>	615
<b>Known Mappings</b>	
UDP Port	729
TCP Port	729
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETVIEWDM2

<b>Name/CLI Keyword</b>	netviewdm2
<b>Full Name</b>	IBM NetView DM
<b>Description</b>	IBM NetView Distribution Manager (IBM NetView DM) provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system. It provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/tivoli/products/netview_distmgr/">http://www-01.ibm.com/software/tivoli/products/netview_distmgr/</a>
<b>Global ID</b>	L4:730
<b>ID</b>	616
<b>Known Mappings</b>	
UDP Port	730
TCP Port	730
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## NETVIEWDM3

<b>Name/CLI Keyword</b>	netviewdm3
<b>Full Name</b>	IBM NetView DM
<b>Description</b>	IBM NetView Distribution Manager (IBM NetView DM) provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system. It provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/tivoli/products/netview_distmgr/">http://www-01.ibm.com/software/tivoli/products/netview_distmgr/</a>
<b>Global ID</b>	L4:731
<b>ID</b>	617
<b>Known Mappings</b>	
UDP Port	731
TCP Port	731
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETVMG-TRACEROUTE

<b>Name/CLI Keyword</b>	netvmg-traceroute
<b>Full Name</b>	Routing Diagnostics Tool
<b>Description</b>	netvmg-traceroute is a network diagnostic tool used by NetVMG (who were acquired by Internap in 2003) products to optimize routing.
<b>Reference</b>	<a href="http://venturebeatprofiles.com/company/profile/netvmg">http://venturebeatprofiles.com/company/profile/netvmg</a>
<b>Global ID</b>	L4:33435
<b>ID</b>	1358
<b>Known Mappings</b>	
UDP Port	33435
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETWALL

<b>Name/CLI Keyword</b>	netwall
<b>Full Name</b>	Netwall, for emergency broadcasts
<b>Description</b>	Registered with IANA on port 533 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:533
<b>ID</b>	451
<b>Known Mappings</b>	
UDP Port	533
TCP Port	533
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETWARE-IP

<b>Name/CLI Keyword</b>	netware-ip
<b>Full Name</b>	Novell Netware over IP
<b>Description</b>	NetWare is a computer network operating system by Novell. NetWare Over TCP/IP feature makes both NetWare Core Protocol (NCP) and Novell Directory Services (NDS) application-layer protocols in the Internet protocol suite without the need for IPX encapsulation or special naming support.
<b>Reference</b>	<a href="http://support.novell.com/techcenter/articles/ana19970303.html">http://support.novell.com/techcenter/articles/ana19970303.html</a>
<b>Global ID</b>	L4:396
<b>ID</b>	311
<b>Known Mappings</b>	
UDP Port	396
TCP Port	396
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NETWORKING-GNUTELLA

<b>Name/CLI Keyword</b>	networking-gnutella
<b>Full Name</b>	networking-gnutella
<b>Description</b>	Gnutella-network represents the control traffic for Gnutella, which is a peer to peer application used for file sharing.
<b>Reference</b>	<a href="http://www.gnutellaforums.com/">http://www.gnutellaforums.com/</a>
<b>Global ID</b>	L7:420
<b>ID</b>	358
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	gnutella-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-networking
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NEW-RWHO

<b>Name/CLI Keyword</b>	new-rwho
<b>Full Name</b>	New who
<b>Description</b>	Registered with IANA on port 550 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:550
<b>ID</b>	467
<b>Known Mappings</b>	
UDP Port	550
TCP Port	550
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NEXTSTEP

<b>Name/CLI Keyword</b>	nextstep
<b>Full Name</b>	NextStep Window Server
<b>Description</b>	NeXTSTEP (also written NeXTstep, NeXTStep, and NEXTSTEP) was the object-oriented, multitasking operating system developed by NeXT Computer to run on its range of proprietary workstation computers, such as the NeXTcube. It was later ported to several other computer architectures.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Nextstep">http://en.wikipedia.org/wiki/Nextstep</a>
<b>Global ID</b>	L4:178
<b>ID</b>	1022
<b>Known Mappings</b>	
UDP Port	178
TCP Port	178
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NFS

<b>Name/CLI Keyword</b>	nfs
<b>Full Name</b>	Network File System
<b>Description</b>	Network File System (NFS) is a distributed file system that allows users to access and modify files remotely as if they were local files. The protocol is based on client server architecture and typically uses TCP/UDP port 2049.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3530.txt">http://www.ietf.org/rfc/rfc3530.txt</a>
<b>Global ID</b>	L4:2049
<b>ID</b>	27
<b>Known Mappings</b>	
UDP Port	2049
TCP Port	2049
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	sunrpc

# NI-FTP

<b>Name/CLI Keyword</b>	ni-ftp
<b>Full Name</b>	NI FTP
<b>Description</b>	The NI FTP is a two-party file transfer protocol. The transfer occurs in two phases. In the first, the transfer is defined and the attributes of the data to be transferred are negotiated. In the second, the data is actually transferred.
<b>Reference</b>	<a href="http://www.rfc-editor.org/ien/ien99.txt">http://www.rfc-editor.org/ien/ien99.txt</a>
<b>Global ID</b>	L4:47
<b>ID</b>	927
<b>Known Mappings</b>	
UDP Port	47
TCP Port	47
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NI-MAIL

<b>Name/CLI Keyword</b>	ni-mail
<b>Full Name</b>	NI MAIL
<b>Description</b>	NI MAIL is a program for email mass sending with SOCKS proxy support. It is free for noncommercial use and is most common in Russia.
<b>Reference</b>	<a href="http://www.kivlab.com/soft/ma/">http://www.kivlab.com/soft/ma/</a>
<b>Global ID</b>	L4:61
<b>ID</b>	938
<b>Known Mappings</b>	
UDP Port	61
TCP Port	61
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NICNAME

<b>Name/CLI Keyword</b>	nicname
<b>Full Name</b>	NICNAME/WHOIS
<b>Description</b>	The NICNAME/WHOIS Server is an NCP/TCP transaction based query/response server, running on the SRI-NIC machine, that provides netwide directory service to ARPANET users.
<b>Reference</b>	<a href="http://tools.ietf.org/rfc/rfc812">http://tools.ietf.org/rfc/rfc812</a>
<b>Global ID</b>	L4:43
<b>ID</b>	110
<b>Known Mappings</b>	
UDP Port	43
TCP Port	43
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NLOGIN

<b>Name/CLI Keyword</b>	nlogin
<b>Full Name</b>	nlogin
<b>Description</b>	Registered with IANA on port 758 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:758
<b>ID</b>	630
<b>Known Mappings</b>	
UDP Port	758
TCP Port	758
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NMAP

<b>Name/CLI Keyword</b>	nmap
<b>Full Name</b>	Network Mapper
<b>Description</b>	Network Mapper (Nmap) is a security scanner used to discover hosts and services on a computer network, thus creating a "map" of the network. To accomplish its goal, Nmap sends specially crafted packets to the target host and then analyzes the responses. Nmap is able to determine the operating system of the target, names and versions of the listening services, estimated uptime, type of device, and presence of a firewall.
<b>Reference</b>	<a href="http://nmap.org/">http://nmap.org/</a>
<b>Global ID</b>	L4:689
<b>ID</b>	597
<b>Known Mappings</b>	
UDP Port	689
TCP Port	689
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NMSP

<b>Name/CLI Keyword</b>	nmsp
<b>Full Name</b>	Networked Media Streaming Protocol
<b>Description</b>	Registered with IANA on port 537 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:537
<b>ID</b>	455
<b>Known Mappings</b>	
UDP Port	537
TCP Port	537
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NNSP

<b>Name/CLI Keyword</b>	nnspp
<b>Full Name</b>	NNSP
<b>Description</b>	Registered with IANA on port 433 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:433
<b>ID</b>	348
<b>Known Mappings</b>	
UDP Port	433
TCP Port	433
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	nntp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	newsgroup
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NNTP

<b>Name/CLI Keyword</b>	nntp
<b>Full Name</b>	Network News Transfer Protocol
<b>Description</b>	Network News Transfer Protocol (NNTP) is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers. Usually the TCP port is 119, and NNTP over SSL TCP/UDP port is 563.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3977">http://tools.ietf.org/html/rfc3977</a>
<b>Global ID</b>	L4:119
<b>ID</b>	28
<b>Known Mappings</b>	
UDP Port	119
TCP Port	119
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	nntp-group
<b>Category</b>	newsgroup
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NOTES

<b>Name/CLI Keyword</b>	notes
<b>Full Name</b>	IBM Lotus Notes
<b>Description</b>	IBM Lotus Notes provides integrated collaboration functionality, including email, calendaring, contacts management, to do tracking, instant messaging, an office productivity suite (IBM Lotus Symphony), and access to other Lotus Domino applications and databases.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/lotus/notesanddomino/">http://www-01.ibm.com/software/lotus/notesanddomino/</a>
<b>Global ID</b>	L7:2000
<b>ID</b>	30
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NOVADIGM

<b>Name/CLI Keyword</b>	novadigm
<b>Full Name</b>	Novadigm Enterprise Desktop Manager
<b>Description</b>	Novadigm Enterprise Desktop Manager (EDM) was a management platform for deploying enterprise applications, distributing software changes and standardizing systems administration. It is now part of the HP Client Automation software.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/HP_Client_Automation_Software">http://en.wikipedia.org/wiki/HP_Client_Automation_Software</a>
<b>Global ID</b>	L7:47
<b>ID</b>	47
<b>Known Mappings</b>	
UDP Port	3460,3461,3462,3463,3464,3465
TCP Port	3460,3461,3462,3463,3464,3465
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NOVASTORBAKUP

<b>Name/CLI Keyword</b>	novastorbakcup
<b>Full Name</b>	NovaStor Backup
<b>Description</b>	Used by NovaStor in their backup products.
<b>Reference</b>	<a href="http://www.novastor.com">http://www.novastor.com</a>
<b>Global ID</b>	L4:308
<b>ID</b>	1148
<b>Known Mappings</b>	
UDP Port	308
TCP Port	308
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NPMP-GUI

<b>Name/CLI Keyword</b>	npmp-gui
<b>Full Name</b>	npmp-gui
<b>Description</b>	Registered with IANA on port 611 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:611
<b>ID</b>	520
<b>Known Mappings</b>	
UDP Port	611
TCP Port	611
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	npmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NPMP-LOCAL

<b>Name/CLI Keyword</b>	npmp-local
<b>Full Name</b>	npmp-local
<b>Description</b>	Registered with IANA on port 610 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:610
<b>ID</b>	519
<b>Known Mappings</b>	
UDP Port	610
TCP Port	610
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	npmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NPMP-TRAP

<b>Name/CLI Keyword</b>	npmp-trap
<b>Full Name</b>	NPMP Trap
<b>Description</b>	Registered with IANA on port 609 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:609
<b>ID</b>	518
<b>Known Mappings</b>	
UDP Port	609
TCP Port	609
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	npmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NPP

<b>Name/CLI Keyword</b>	npp
<b>Full Name</b>	Network Printing Protocol
<b>Description</b>	Registered with IANA on port 92 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:92
<b>ID</b>	97
<b>Known Mappings</b>	
UDP Port	92
TCP Port	92
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NQS

<b>Name/CLI Keyword</b>	nqs
<b>Full Name</b>	Network Queueing System
<b>Description</b>	The Network Queueing System (NQS) allows users to submit batch jobs to queues on local or remote machines for execution. The NQS supports returning log and error files to the machine that originated the job.
<b>Reference</b>	<a href="http://gnqs.sourceforge.net/docs/papers/mnqs_papers/original_cosmic_nqs_paper.htm">http://gnqs.sourceforge.net/docs/papers/mnqs_papers/original_cosmic_nqs_paper.htm</a>
<b>Global ID</b>	L4:607
<b>ID</b>	516
<b>Known Mappings</b>	
UDP Port	607
TCP Port	607
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## NS

<b>Name/CLI Keyword</b>	ns
<b>Full Name</b>	Network Systems
<b>Description</b>	The Network Systems (NS) protocol family is a collection of protocols layered atop the Internet Datagram Protocol (IDP) transport layer, using the Xerox Network Systems (XNS) address formats.
<b>Reference</b>	<a href="http://www.regatta.cs.msusu/doc/usr/share/man/info/ru_RU/a_doc_lib/ai/prgdd/progcom/xns_fam.htm">http://www.regatta.cs.msusu/doc/usr/share/man/info/ru_RU/a_doc_lib/ai/prgdd/progcom/xns_fam.htm</a>
<b>Global ID</b>	L4:760
<b>ID</b>	632
<b>Known Mappings</b>	
UDP Port	760
TCP Port	760
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NSFNET-IGP

<b>Name/CLI Keyword</b>	nsfnets-igp
<b>Full Name</b>	NSFNET-IGP
<b>Description</b>	NSFNET-IGP
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/List_of_IP_protocol_numbers">http://en.wikipedia.org/wiki/List_of_IP_protocol_numbers</a>
<b>Global ID</b>	L3:85
<b>ID</b>	839
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	85
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NSIIOPS

<b>Name/CLI Keyword</b>	nsiiops
<b>Full Name</b>	IIOp Name Service over TLS/SSL
<b>Description</b>	Internet Inter-ORB Protocol (IIOp) is used to allow different computer programs which use different programming code to communicate with one another on the Internet. IIOp Name Service operates in Secure Socket Layer and Transport Layer Security(SSL/TLS).
<b>Reference</b>	<a href="http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf">http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf</a>
<b>Global ID</b>	L4:261
<b>ID</b>	1133
<b>Known Mappings</b>	
UDP Port	-
TCP Port	261
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# NSRMP

<b>Name/CLI Keyword</b>	nsrmp
<b>Full Name</b>	Network Security Risk Management Protocol
<b>Description</b>	Registered with IANA on port 359 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:359
<b>ID</b>	275
<b>Known Mappings</b>	
UDP Port	359
TCP Port	359
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# NSS-ROUTING

<b>Name/CLI Keyword</b>	nss-routing
<b>Full Name</b>	NSS-Routing
<b>Description</b>	Registered with IANA on port 159 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:159
<b>ID</b>	1005
<b>Known Mappings</b>	
UDP Port	159
TCP Port	159
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NSW-FE

<b>Name/CLI Keyword</b>	nsw-fe
<b>Full Name</b>	NSW User System FE
<b>Description</b>	Registered with IANA on port 27 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:27
<b>ID</b>	912
<b>Known Mappings</b>	
UDP Port	27
TCP Port	27
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NTALK

<b>Name/CLI Keyword</b>	ntalk
<b>Full Name</b>	ntalk
<b>Description</b>	ntalk is a chat application. It works in a client-server model and it's designed to work in all kinds of networks. ntalk was written to be much more easy-to-use, friendly and functional than Unix talk.
<b>Reference</b>	<a href="http://sourceforge.net/projects/ntalk/">http://sourceforge.net/projects/ntalk/</a>
<b>Global ID</b>	L4:518
<b>ID</b>	435
<b>Known Mappings</b>	
UDP Port	518
TCP Port	518
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NTP

<b>Name/CLI Keyword</b>	ntp
<b>Full Name</b>	Network Time Protocol
<b>Description</b>	Network Time Protocol (NTP) is a protocol for synchronizing the system clocks of distributed computer systems over packet-switched, variable-latency data networks. Usually the UDP port used is 123.
<b>Reference</b>	<a href="http://www.ntp.org/">http://www.ntp.org/</a>
<b>Global ID</b>	L4:123
<b>ID</b>	31
<b>Known Mappings</b>	
UDP Port	123
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NVP-II

<b>Name/CLI Keyword</b>	nvp-ii
<b>Full Name</b>	Network Voice Protocol
<b>Description</b>	The Network Voice Protocol (NVP) was a computer network protocol for transporting human speech over packetized communications networks. It was an early example of VoIP technology.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc741.txt">http://www.ietf.org/rfc/rfc741.txt</a>
<b>Global ID</b>	L3:11
<b>ID</b>	766
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	11
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NXEDIT

<b>Name/CLI Keyword</b>	nxedit
<b>Full Name</b>	NXEdit
<b>Description</b>	Registered with IANA on port 126 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:126
<b>ID</b>	995
<b>Known Mappings</b>	
UDP Port	126
TCP Port	126
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



## OBEX through OSU-NMS

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# OBEX

<b>Name/CLI Keyword</b>	obex
<b>Full Name</b>	OBject EXchange
<b>Description</b>	OBject Exchange (OBEX) is a communications protocol that facilitates the exchange of binary objects between devices.
<b>Reference</b>	<a href="http://www.irda.org/">http://www.irda.org/</a>
<b>Global ID</b>	L4:650
<b>ID</b>	559
<b>Known Mappings</b>	
UDP Port	650
TCP Port	650
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OBJCALL

<b>Name/CLI Keyword</b>	objcall
<b>Full Name</b>	Tivoli Object Dispatcher
<b>Description</b>	The Tivoli object dispatcher (oserv) is the central driving mechanism for operations in the Tivoli environment. It maintains the Tivoli object database on each system that has Tivoli installed, it routes object calls to the proper systems and objects, and it arranges for the execution of methods that are invoked in the context of objects that reside on the local system.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/tividd/td/framework/GC32-0807-00/en_US/HTML/troub109.html">http://publib.boulder.ibm.com/tividd/td/framework/GC32-0807-00/en_US/HTML/troub109.html</a>
<b>Global ID</b>	L4:94
<b>ID</b>	965
<b>Known Mappings</b>	
UDP Port	94
TCP Port	94
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OCBINDER

<b>Name/CLI Keyword</b>	ocbinder
<b>Full Name</b>	OCBinder
<b>Description</b>	Registered with IANA on port 183 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:183
<b>ID</b>	1026
<b>Known Mappings</b>	
UDP Port	183
TCP Port	183
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OCS\_AMU

<b>Name/CLI Keyword</b>	ocs_amu
<b>Full Name</b>	OCS Amu
<b>Description</b>	Registered with IANA on port 429 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:429
<b>ID</b>	344
<b>Known Mappings</b>	
UDP Port	429
TCP Port	429
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OCS\_CMU

<b>Name/CLI Keyword</b>	ocs_cmu
<b>Full Name</b>	OCS_CMU
<b>Description</b>	Registered with IANA on port 428 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:428
<b>ID</b>	343
<b>Known Mappings</b>	
UDP Port	428
TCP Port	428
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OCSERVER

<b>Name/CLI Keyword</b>	ocserver
<b>Full Name</b>	ocserver
<b>Description</b>	Registered with IANA on port 184 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:184
<b>ID</b>	1027
<b>Known Mappings</b>	
UDP Port	184
TCP Port	184
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ODMR

<b>Name/CLI Keyword</b>	odmr
<b>Full Name</b>	On-Demand Mail Relay
<b>Description</b>	On-Demand Mail Relay (ODMR) is an SMTP extension that allows e-mail to be relayed once the recipient has been authenticated. It uses the Extended SMTP (ESMTP) command ATRN, similar to the ETRN command but available for dynamically assigned IP addresses.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2645">http://tools.ietf.org/html/rfc2645</a>
<b>Global ID</b>	L4:366
<b>ID</b>	282
<b>Known Mappings</b>	
UDP Port	366
TCP Port	366
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	smtp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OHIMSRV

<b>Name/CLI Keyword</b>	ohimsrv
<b>Full Name</b>	Ohimsrv
<b>Description</b>	Registered with IANA on port 506 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:506
<b>ID</b>	420
<b>Known Mappings</b>	
UDP Port	506
TCP Port	506
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# OLSR

<b>Name/CLI Keyword</b>	olsr
<b>Full Name</b>	Optimized Link State Routing Protocol
<b>Description</b>	The Optimized Link State Routing Protocol (OLSR) is an IP routing protocol optimized for mobile ad-hoc networks, which can also be used on other wireless ad-hoc networks. OLSR is a proactive link-state routing protocol, which uses hello and topology control (TC) messages to discover and then disseminate link state information throughout the mobile ad-hoc network. Individual nodes use this topology information to compute next hop destinations for all nodes in the network using shortest hop forwarding paths.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3626">http://tools.ietf.org/html/rfc3626</a>
<b>Global ID</b>	L4:698
<b>ID</b>	606
<b>Known Mappings</b>	
UDP Port	698
TCP Port	698
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OMGINITALREFS

<b>Name/CLI Keyword</b>	omginitialrefs
<b>Full Name</b>	Omginitialrefs
<b>Description</b>	Registered with IANA on port 900 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:900
<b>ID</b>	663
<b>Known Mappings</b>	
UDP Port	900
TCP Port	900
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OMHS

<b>Name/CLI Keyword</b>	omhs
<b>Full Name</b>	Operations Manager - Health Service
<b>Description</b>	The Health Monitoring Service is used to monitor web services installed in one or multiple sites. The Health Monitoring Service can highlight issues that cause downtime or poor performance, such as unavailable services, long response time, and security breaches.
<b>Reference</b>	<a href="http://msdn.microsoft.com/en-us/library/dd464428.aspx">http://msdn.microsoft.com/en-us/library/dd464428.aspx</a>
<b>Global ID</b>	L4:5723
<b>ID</b>	1388
<b>Known Mappings</b>	
UDP Port	5723
TCP Port	5723
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OMSERV

<b>Name/CLI Keyword</b>	omserv
<b>Full Name</b>	Omserv
<b>Description</b>	Registered with IANA on port 764 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:764
<b>ID</b>	636
<b>Known Mappings</b>	
UDP Port	764
TCP Port	764
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ONMUX

<b>Name/CLI Keyword</b>	onmux
<b>Full Name</b>	Onmux
<b>Description</b>	Registered with IANA on port 417 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:417
<b>ID</b>	332
<b>Known Mappings</b>	
UDP Port	417
TCP Port	417
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OPALIS-RDV

<b>Name/CLI Keyword</b>	opalis-rdv
<b>Full Name</b>	opalis-rdv
<b>Description</b>	opalis-rdv, Registered with IANA on port 536 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:536
<b>ID</b>	454
<b>Known Mappings</b>	
UDP Port	536
TCP Port	536
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OPALIS-ROBOT

<b>Name/CLI Keyword</b>	opalis-robot
<b>Full Name</b>	OpalisRobot
<b>Description</b>	OpalisRobot is a comprehensive system management and automation solution. It delivers real-time monitoring, notification, corrective action and event driven job scheduling to provide administrators with proactive management.
<b>Reference</b>	<a href="http://amtsoft.com/opalisrobot/">http://amtsoft.com/opalisrobot/</a>
<b>Global ID</b>	L4:314
<b>ID</b>	1154
<b>Known Mappings</b>	
UDP Port	314
TCP Port	314
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## OPC-JOB-START

<b>Name/CLI Keyword</b>	opc-job-start
<b>Full Name</b>	IBM Operations Planning and Control Start
<b>Description</b>	Operations Planning and Control (OPC) is part of IBM Tivoli OPC Operations and Administration discipline. Tivoli OPC supports operations management, providing the foundation for enterprise-wide production workload management. Tivoli OPC helps users plan, manage, and automate the production workload, and control a single-image OS/390 system or complex, multivendor networks and systems from a single point of control.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/tividd/td/OperationsPlanningandControl2.3.html">http://publib.boulder.ibm.com/tividd/td/OperationsPlanningandControl2.3.html</a>
<b>Global ID</b>	L4:423
<b>ID</b>	338
<b>Known Mappings</b>	
UDP Port	423
TCP Port	423
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# OPC-JOB-TRACK

<b>Name/CLI Keyword</b>	opc-job-track
<b>Full Name</b>	IBM Operations Planning and Control Track
<b>Description</b>	Used by IBM in their Tivoli Operations Planning and Control product for planning, managing, and automating production workloads from a single point of control.
<b>Reference</b>	<a href="http://www.ibm.com/communities/ibm/type-a&amp;type-a=nl-F87ENUS2827&amp;qt=100&amp;lang=en">http://www.ibm.com/communities/ibm/type-a&amp;type-a=nl-F87ENUS2827&amp;qt=100&amp;lang=en</a>
<b>Global ID</b>	L4:424
<b>ID</b>	339
<b>Known Mappings</b>	
UDP Port	424
TCP Port	424
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OPENPORT

<b>Name/CLI Keyword</b>	openport
<b>Full Name</b>	Openport
<b>Description</b>	Registered with IANA on port 260 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:26
<b>ID</b>	1132
<b>Known Mappings</b>	
UDP Port	260
TCP Port	260
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OPENVMS-SYSIPC

<b>Name/CLI Keyword</b>	openvms-sysipc
<b>Full Name</b>	openvms-sysipc
<b>Description</b>	Registered with IANA on port 557 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:557
<b>ID</b>	472
<b>Known Mappings</b>	
UDP Port	557
TCP Port	557
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OPENVPN

<b>Name/CLI Keyword</b>	openvpn
<b>Full Name</b>	OpenVPN
<b>Description</b>	OpenVPN is a free and open source virtual private network (VPN) program for creating point-to-point or server-to-multiclient encrypted tunnels between host computers. OpenVPN allows peers to authenticate each other using certificates.
<b>Reference</b>	<a href="http://openvpn.net/">http://openvpn.net/</a>
<b>Global ID</b>	L7:455
<b>ID</b>	1314
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	ssl,spdy

# OPSMGR

<b>Name/CLI Keyword</b>	opsmgr
<b>Full Name</b>	Microsoft System Center Operations Manager
<b>Description</b>	Microsoft System Center Operations Manager is a cross-platform data center management system for operating systems and hypervisors. It uses a single interface that shows state, health and performance information of computer systems. It also provides alerts generated according to some availability, performance, configuration or security situation being identified. It works with Microsoft Windows Server and Unix-based hosts.
<b>Reference</b>	<a href="http://www.microsoft.com/en-us/server-cloud/system-center/datacenter-management.aspx">http://www.microsoft.com/en-us/server-cloud/system-center/datacenter-management.aspx</a>
<b>Global ID</b>	L4:1270
<b>ID</b>	1387
<b>Known Mappings</b>	
UDP Port	1270
TCP Port	1270
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORA-SRV

<b>Name/CLI Keyword</b>	ora-srv
<b>Full Name</b>	Oracle TCP/IP Listener
<b>Description</b>	Registered with IANA on port 1525 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:1525
<b>ID</b>	89
<b>Known Mappings</b>	
UDP Port	1525
TCP Port	1525
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORACLE-BI

<b>Name/CLI Keyword</b>	oracle-bi
<b>Full Name</b>	Oracle Business Intelligence
<b>Description</b>	Used by Oracle in their Business Intelligence products.
<b>Reference</b>	<a href="http://www.oracle.com/us/solutions/business-analytics/business-intelligence/index.html">http://www.oracle.com/us/solutions/business-analytics/business-intelligence/index.html</a>
<b>Global ID</b>	L4:9703
<b>ID</b>	1359
<b>Known Mappings</b>	
UDP Port	
TCP Port	9703,9704
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORACLE-EBSUITE-UNSECURED

<b>Name/CLI Keyword</b>	oracle-ebsuite-unsecured
<b>Full Name</b>	Oracle E-Business Suite - Un-encrypted Traffic
<b>Description</b>	Oracle E-Business Suite (also known as Applications/Apps or EB-Suite/EBS) consists of a collection of enterprise resource planning (ERP), customer relationship management (CRM), and supply-chain management (SCM) computer applications. The software utilizes Oracle's core relational database management system technology.
<b>Reference</b>	<a href="http://www.oracle.com/us/products/applications/ebusiness/index.html">http://www.oracle.com/us/products/applications/ebusiness/index.html</a>
<b>Global ID</b>	L7:516
<b>ID</b>	1452
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



# ORACLE-SQLNET

<b>Name/CLI Keyword</b>	oracle-sqlnet
<b>Full Name</b>	SQL*NET
<b>Description</b>	SQL*NET is a client-server middleware used to transfer information between databases and between database to clients.
<b>Reference</b>	<a href="http://www.orafaq.com/wiki/SQL*Net">http://www.orafaq.com/wiki/SQL*Net</a>
<b>Global ID</b>	L4:66
<b>ID</b>	1425
<b>Known Mappings</b>	
UDP Port	
TCP Port	66
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORACLENAMES

<b>Name/CLI Keyword</b>	oraclenames
<b>Full Name</b>	Oracle Names
<b>Description</b>	Oracle Names is a distributed naming service developed to help simplify the setup and administration of global, client/server computing networks. Oracle Names establishes and maintains an integrated system of names servers that work together like a directory service, storing addresses for all the services on a network and making them available to clients wanting to make a connection.
<b>Reference</b>	<a href="http://docs.oracle.com/cd/A58617_01/network.804/a58230/ch6.htm">http://docs.oracle.com/cd/A58617_01/network.804/a58230/ch6.htm</a>
<b>Global ID</b>	L4:1575
<b>ID</b>	695
<b>Known Mappings</b>	
UDP Port	1575
TCP Port	1575
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORACLENET8CMAN

<b>Name/CLI Keyword</b>	oraclenet8cman
<b>Full Name</b>	Oracle Net8 Cman
<b>Description</b>	Oracle Connection Manager, a Net8 component that acts much like a router and provides protocol conversion, connection concentration, and access control.
<b>Reference</b>	<a href="http://dl.acm.org/citation.cfm?id=557584">http://dl.acm.org/citation.cfm?id=557584</a>
<b>Global ID</b>	L4:1630
<b>ID</b>	696
<b>Known Mappings</b>	
UDP Port	1630
TCP Port	1630
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORBIX-CONFIG

<b>Name/CLI Keyword</b>	orbix-config
<b>Full Name</b>	Orbix 2000 Config
<b>Description</b>	Registered with IANA on port 3076 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3076
<b>ID</b>	705
<b>Known Mappings</b>	
UDP Port	3076
TCP Port	3076
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ORBIX-CFG-SSL

<b>Name/CLI Keyword</b>	orbix-cfg-ssl
<b>Full Name</b>	Orbix 2000 Config over SSL
<b>Description</b>	Orbix is a CORBA ORB (Object Request Broker) from Micro Focus which helps programmers build distributed applications. Orbix cfg (config) works over SSL typically on port 3078.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Orbix_(software)">http://en.wikipedia.org/wiki/Orbix_(software)</a>
<b>Global ID</b>	L4:3078
<b>ID</b>	1600
<b>Known Mappings</b>	
UDP Port	3078
TCP Port	3078
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	inter-process-rpc
<b>Sub Category</b>	enterprise-transactional-apps
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## ORBIX-LOC-SSL

<b>Name/CLI Keyword</b>	orbix-loc-ssl
<b>Full Name</b>	Orbix 2000 Locator over SSL
<b>Description</b>	Used by Progree Software Corporation in their Orbix software for enterprise COBRA solutions.
<b>Reference</b>	<a href="http://www.progress.com/en/orbix/index.html">http://www.progress.com/en/orbix/index.html</a>
<b>Global ID</b>	L4:3077
<b>ID</b>	706
<b>Known Mappings</b>	
UDP Port	-
TCP Port	3077
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# ORBIX-LOCATOR

<b>Name/CLI Keyword</b>	orbix-locator
<b>Full Name</b>	Orbix 2000 Locator
<b>Description</b>	Used by Progree Software Corporation in their Orbix software for enterprise COBRA solutions.
<b>Reference</b>	<a href="http://www.progress.com/en/orbix/index.html">http://www.progress.com/en/orbix/index.html</a>
<b>Global ID</b>	L4:3075
<b>ID</b>	704
<b>Known Mappings</b>	
UDP Port	3075
TCP Port	3075
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OSCAR-FILETRANSFER

<b>Name/CLI Keyword</b>	oscar-filetransfer
<b>Full Name</b>	OSCAR File Transfer
<b>Description</b>	Open System for CommunicAtion in Realtime (OSCAR) File Transfer traffic classification. This protocol is mainly used by AIM and ICQ application clients.
<b>Reference</b>	<a href="http://web.archive.org/web/20080308233204/http://dev.aol.com/aim/oscar/">http://web.archive.org/web/20080308233204/http://dev.aol.com/aim/oscar/</a>
<b>Global ID</b>	L7:513
<b>ID</b>	1448
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	aol-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-file-sharing
<b>Sub Category</b>	file-transfer
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	aol-messenger-audio



# OSPF

<b>Name/CLI Keyword</b>	ospf
<b>Full Name</b>	Open Shortest Path First
<b>Description</b>	Open Shortest Path First (OSPF) is a link state routing protocol that shares the network topology of an Autonomous System between OSPF routers. Each OSPF router maintains a database by calculating Shortest Path Tree algorithm with the link state provided from the OSPF protocol.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2328.txt">http://www.ietf.org/rfc/rfc2328.txt</a>
<b>Global ID</b>	L3:89
<b>ID</b>	10
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	89
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OSU-NMS

<b>Name/CLI Keyword</b>	osu-nms
<b>Full Name</b>	OSU Network Monitoring System
<b>Description</b>	Registered with IANA on port 192 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:192
<b>ID</b>	1036
<b>Known Mappings</b>	
UDP Port	192
TCP Port	192
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# OUTLOOK-WEB-SERVICE

<b>Name/CLI Keyword</b>	outlook-web-service
<b>Full Name</b>	Outlook Web Service
<b>Description</b>	Outlook Web Service is a protocol that covers a group of Microsoft's web email services, it includes Outlook email service part of Microsoft Office 365 Business Plan.
<b>Reference</b>	<a href="http://www.outlook.com">http://www.outlook.com</a>
<b>Global ID</b>	L7:550
<b>ID</b>	1484
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy





## P10 through PWDGEN

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# P10

<b>Name/CLI Keyword</b>	p10
<b>Full Name</b>	P10
<b>Description</b>	The P10 protocol is an extension to the Internet Relay Chat protocol (IRC) for server to server communications. It is similar in purpose to IRCX and EFnet TS5/TS6 protocols and implements nick and channel timestamping for handling nick collisions and netsplit channel riding, respectively.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/IRCd#P10">http://en.wikipedia.org/wiki/IRCd#P10</a>
<b>Global ID</b>	L4:6665
<b>ID</b>	1400
<b>Known Mappings</b>	
UDP Port	6665,6666,6667,6668,6669
TCP Port	6665,6666,6667,6668,6669
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PANDO

<b>Name/CLI Keyword</b>	pando
<b>Full Name</b>	Pando
<b>Description</b>	Pando is a file sharing software that allows the clients to stream, download and share media. Pando is based on peer to peer and client server architectures. It uses BitTorrent protocol to transfer files therefore the underlying protocols for Pando are SSL and HTTP.
<b>Reference</b>	<a href="http://www.pando.com/">http://www.pando.com/</a>
<b>Global ID</b>	L7:443
<b>ID</b>	1049
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# PANDORA

<b>Name/CLI Keyword</b>	pandora
<b>Full Name</b>	Pandora Internet Radio
<b>Description</b>	Pandora Internet Radio (also referred to as Pandora Radio or simply Pandora) is an automated music recommendation service and custodian of the Music Genome Project available only in the United States. The service plays musical selections similar to song suggestions entered by a user.
<b>Reference</b>	<a href="http://www.pandora.com">http://www.pandora.com</a>
<b>Global ID</b>	L7:515
<b>ID</b>	1451
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# PARSEC-GAME

<b>Name/CLI Keyword</b>	parsec-game
<b>Full Name</b>	Parsec Gameserver
<b>Description</b>	Parsec is a fast-paced non-commercial network space-shooter.
<b>Reference</b>	<a href="http://www.parsec.org/">http://www.parsec.org/</a>
<b>Global ID</b>	L4:6582
<b>ID</b>	744
<b>Known Mappings</b>	
UDP Port	6582
TCP Port	6582
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PASSGO-TIVOLI

<b>Name/CLI Keyword</b>	passgo-tivoli
<b>Full Name</b>	PassGo Technologies Service
<b>Description</b>	PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc.
<b>Reference</b>	<a href="http://www.quest.com/">http://www.quest.com/</a>
<b>Global ID</b>	L4:627
<b>ID</b>	536
<b>Known Mappings</b>	
UDP Port	627
TCP Port	627
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PASSGO

<b>Name/CLI Keyword</b>	passgo
<b>Full Name</b>	PassGo Technologies Service
<b>Description</b>	PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc.
<b>Reference</b>	<a href="http://www.quest.com/">http://www.quest.com/</a>
<b>Global ID</b>	L4:511
<b>ID</b>	425
<b>Known Mappings</b>	
UDP Port	511
TCP Port	511
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PASSWORD-CHG

<b>Name/CLI Keyword</b>	password-chg
<b>Full Name</b>	Password Change
<b>Description</b>	The Change Password service is a protocol provider that services Kerberos Change Password and Set Password Protocol requests. Change Password is a request-reply protocol that uses Kerberos infrastructure to allow users to securely set initial passwords or to change existing passwords. The Change Password protocol interoperates with the original Kerberos Change Password protocol, while adding the ability for an administrator to set a password for a new user.
<b>Reference</b>	<a href="http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html">http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html</a>
<b>Global ID</b>	L4:586
<b>ID</b>	500
<b>Known Mappings</b>	
UDP Port	586
TCP Port	586
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PAWSERV

<b>Name/CLI Keyword</b>	pawserv
<b>Full Name</b>	Perf Analysis Workbench
<b>Description</b>	Registered with IANA on port 345 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:345
<b>ID</b>	800
<b>Known Mappings</b>	
UDP Port	345
TCP Port	345
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PCANYWHERE

<b>Name/CLI Keyword</b>	pcanywhere
<b>Full Name</b>	pcAnywhere
<b>Description</b>	pcAnywhere lets users connect to another computer for remote desktop access. The protocol uses UDP for control, typically on port 5361 and a TCP connection for transferring the data, typically on port 5362.
<b>Reference</b>	<a href="http://www.symantec.com/pcanywhere">http://www.symantec.com/pcanywhere</a>
<b>Global ID</b>	L7:32
<b>ID</b>	32
<b>Known Mappings</b>	
UDP Port	22,5632
TCP Port	65301,5631
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## PCMAIL-SRV

<b>Name/CLI Keyword</b>	pcmail-srv
<b>Full Name</b>	PCMail Server
<b>Description</b>	PCMail is a distributed mail system providing mail service to an arbitrary number of users, each of whom owns one or more workstations.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1056">http://tools.ietf.org/html/rfc1056</a>
<b>Global ID</b>	L4:158
<b>ID</b>	1004
<b>Known Mappings</b>	
UDP Port	158
TCP Port	158
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# PCOIP

<b>Name/CLI Keyword</b>	pcoip
<b>Full Name</b>	PCoIP
<b>Description</b>	PCoIP is a remote display protocol developed by Teradici. It is used to remotely connect to desktops and applications sending compressed pixels across the IP network. PCoIP can be used through hardware zero clients or software VMware View clients. PCoIP can be used to extend non display elements of the PC, such as USB and audio, across the network.
<b>Reference</b>	<a href="http://www.teradici.com/">http://www.teradici.com/</a>
<b>Global ID</b>	L4:4172
<b>ID</b>	1427
<b>Known Mappings</b>	
UDP Port	4172
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# PDAP

<b>Name/CLI Keyword</b>	pdap
<b>Full Name</b>	Prospero Data Access Protocol
<b>Description</b>	Prospero Data Access Protocol (PDAP) is used to implement the Prospero File System, which is based on the Virtual System Model.
<b>Reference</b>	<a href="http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19970004479_1997000649.pdf">http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19970004479_1997000649.pdf</a>
<b>Global ID</b>	L4:344
<b>ID</b>	441
<b>Known Mappings</b>	
UDP Port	344
TCP Port	344
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PERFECT-DARK

<b>Name/CLI Keyword</b>	perfect-dark
<b>Full Name</b>	Perfect Dark
<b>Description</b>	Perfect-Dark is a P2P application being developed in Japan by an anonymous author. It was developed with the intention for it to be the successor to both Winny and Share. The network function has a huge distributed disk called 'Unity' and the minimum requirement is 40GB disk space.
<b>Reference</b>	<a href="http://perfectdark.benri-tool.net">http://perfectdark.benri-tool.net</a>
<b>Global ID</b>	L7:578
<b>ID</b>	1517
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# PERFORCE

<b>Name/CLI Keyword</b>	perforce
<b>Full Name</b>	Perforce
<b>Description</b>	Perforce is a commercial proprietary Revision Control (RC) system. The Perforce system is based on a client/server model with the server managing the collection of source versions in one or more depots.
<b>Reference</b>	<a href="http://www.perforce.com/documentation/perforce_technical_documentation">http://www.perforce.com/documentation/perforce_technical_documentation</a>
<b>Global ID</b>	L7:486
<b>ID</b>	1415
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PERSONAL-LINK

<b>Name/CLI Keyword</b>	personal-link
<b>Full Name</b>	Personal Link
<b>Description</b>	Registered with IANA on port 281 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:281
<b>ID</b>	1142
<b>Known Mappings</b>	
UDP Port	281
TCP Port	281
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PFTP

<b>Name/CLI Keyword</b>	pftp
<b>Full Name</b>	PFTP
<b>Description</b>	Port File Transfer Program (PFTP) is a file transfer protocol that transfers files, directories and data from standard input to any host on the net running PFTP.
<b>Reference</b>	<a href="http://www.pftp.de/">http://www.pftp.de/</a>
<b>Global ID</b>	L4:662
<b>ID</b>	570
<b>Known Mappings</b>	
UDP Port	662
TCP Port	662
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PGM

<b>Name/CLI Keyword</b>	pgm
<b>Full Name</b>	PGM Reliable Transport Protocol
<b>Description</b>	Pragmatic General Multicast (PGM) is a reliable multicast transport protocol. PGM provides a reliable sequence of packets to multiple recipients simultaneously, making it suitable for applications like multi-receiver file-transfer.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3208.txt">http://www.ietf.org/rfc/rfc3208.txt</a>
<b>Global ID</b>	L3:113
<b>ID</b>	867
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	113
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## PHILIPS-VC

<b>Name/CLI Keyword</b>	philips-vc
<b>Full Name</b>	Philips Video-Conferencing
<b>Description</b>	Used by Philips Electronics in their video conferencing products.
<b>Reference</b>	<a href="http://www.philips.com">http://www.philips.com</a>
<b>Global ID</b>	L4:583
<b>ID</b>	497
<b>Known Mappings</b>	
UDP Port	583
TCP Port	583
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# PHONEBOOK

<b>Name/CLI Keyword</b>	phonebook
<b>Full Name</b>	Phonebook
<b>Description</b>	Registered with IANA on port 767 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:767
<b>ID</b>	638
<b>Known Mappings</b>	
UDP Port	767
TCP Port	767
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PHOTURIS

<b>Name/CLI Keyword</b>	photuris
<b>Full Name</b>	Photuris
<b>Description</b>	Photuris is a session-key management protocol intended for use with the IP Security Protocols (AH and ESP). Photuris establishes short-lived session-keys between two parties, without passing the session-keys across the Internet.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2522">http://tools.ietf.org/html/rfc2522</a>
<b>Global ID</b>	L4:468
<b>ID</b>	382
<b>Known Mappings</b>	
UDP Port	468
TCP Port	468
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PICASA

<b>Name/CLI Keyword</b>	picasa
<b>Full Name</b>	Picasa
<b>Description</b>	Picasa is a photo sharing and editing website by Google.
<b>Reference</b>	<a href="https://picasaweb.google.com/home">https://picasaweb.google.com/home</a>
<b>Global ID</b>	L7:523
<b>ID</b>	1459
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	google-group
<b>Category</b>	social-networking
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## PIM-RP-DISC

<b>Name/CLI Keyword</b>	pim-rp-disc
<b>Full Name</b>	PIM-RP-DISC
<b>Description</b>	Registered with IANA on port 496 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:496
<b>ID</b>	410
<b>Known Mappings</b>	
UDP Port	496
TCP Port	496
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PIM

<b>Name/CLI Keyword</b>	pim
<b>Full Name</b>	Protocol Independent Multicast
<b>Description</b>	Protocol-Independent Multicast (PIM) is a family of multicast routing protocols for Internet Protocol (IP) networks that provide one-to-many and many-to-many distribution of data over a LAN, WAN or the Internet. It is termed protocol-independent because PIM does not include its own topology discovery mechanism, but instead uses routing information supplied by other traditional routing protocols.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4601.txt">http://www.ietf.org/rfc/rfc4601.txt</a>
<b>Global ID</b>	L3:103
<b>ID</b>	857
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	103
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PING

<b>Name/CLI Keyword</b>	ping
<b>Full Name</b>	Ping
<b>Description</b>	Ping is a computer network administration utility used to test the reachability of a host on a network and to measure the round-trip time for messages sent from the host to the destination. Ping operates by sending ICMP echo request packets to the target host and waiting for an ICMP response. In the process it measures the round-trip time and records any packet loss. It prints a statistical summary when finished. Note that Ping will not classify any ICMP packet, only those used for echo.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc792">http://tools.ietf.org/html/rfc792</a>
<b>Global ID</b>	L7:479
<b>ID</b>	1404
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PIP

<b>Name/CLI Keyword</b>	pip
<b>Full Name</b>	pip
<b>Description</b>	Registered with IANA on port 1321 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:1321
<b>ID</b>	883
<b>Known Mappings</b>	
UDP Port	1321
TCP Port	1321
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PIPE

<b>Name/CLI Keyword</b>	pipe
<b>Full Name</b>	Private IP Encapsulation within IP
<b>Description</b>	Private IP Encapsulation within IP (PIPE) is a protocol enabling the encapsulation of an IP packet within another IP packet. This method is used to change the routing of an IP packet by sending it through an intermediate destination that would not have been reached with the original packet's IP destination address.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-petri-mobileip-pipe-00">http://tools.ietf.org/html/draft-petri-mobileip-pipe-00</a>
<b>Global ID</b>	L3:131
<b>ID</b>	1229
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	131
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# PIRP

<b>Name/CLI Keyword</b>	pirp
<b>Full Name</b>	pirp
<b>Description</b>	The Public Information Retrieval Protocol (PIRP) gives Internet hosts a simple, uniform, efficient, extensible, easily implemented method of publishing information.
<b>Reference</b>	<a href="http://cr.yip.to/proto/pirp.txt">http://cr.yip.to/proto/pirp.txt</a>
<b>Global ID</b>	L4:553
<b>ID</b>	470
<b>Known Mappings</b>	
UDP Port	553
TCP Port	553
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## PKIX-3-CA-RA

<b>Name/CLI Keyword</b>	pkix-3-ca-ra
<b>Full Name</b>	PKIX-3 CA/RA
<b>Description</b>	Registered with IANA on port 829 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:829
<b>ID</b>	657
<b>Known Mappings</b>	
UDP Port	829
TCP Port	829
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PKIX-TIMESTAMP

<b>Name/CLI Keyword</b>	pkix-timestamp
<b>Full Name</b>	Time-Stamp Protocol
<b>Description</b>	The Time-Stamp Protocol (TSP, PKIX-TimeStamp) is a cryptographic protocol for certifying timestamps using X.509 certificates and public key infrastructure. The timestamp is the signer's assertion that a piece of electronic data existed at or before a particular time.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3161">http://tools.ietf.org/html/rfc3161</a>
<b>Global ID</b>	L4:318
<b>ID</b>	1158
<b>Known Mappings</b>	
UDP Port	318
TCP Port	318
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PNNI

<b>Name/CLI Keyword</b>	pnni
<b>Full Name</b>	Private Network-to-Network Interface over IP
<b>Description</b>	Private Network-to-Network Interface (PNNI) is a suite of network protocols that can be used to discover an ATM network topology, create a database of topology information, and route calls over the discovered topology.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/docs/sw/rtr/mgmt/880software/mgmt_r52/ptn/ptn/ptnmgmtguide/pnni.html">http://www.cisco.com/en/US/docs/sw/rtr/mgmt/880software/mgmt_r52/ptn/ptn/ptnmgmtguide/pnni.html</a>
<b>Global ID</b>	L3:102
<b>ID</b>	856
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	102
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# POCO

<b>Name/CLI Keyword</b>	poco
<b>Full Name</b>	poco
<b>Description</b>	Poco is a peer-to-peer client popular in China. The protocol is based on GnucDNA library and uses Gnutella network architecture. Typically, Poco uses TCP port 5354 to download files, UDP ports 9099 9091 to login and chat respectively.
<b>Reference</b>	<a href="http://www.poco.cn/">http://www.poco.cn/</a>
<b>Global ID</b>	L7:424
<b>ID</b>	700
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# POP2

<b>Name/CLI Keyword</b>	pop2
<b>Full Name</b>	Post Office Protocol - Version 2
<b>Description</b>	Post Office Protocol Version 2 (POP2) enables a user's workstation to access mail from a mailbox server.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc937">http://tools.ietf.org/html/rfc937</a>
<b>Global ID</b>	L4:109
<b>ID</b>	980
<b>Known Mappings</b>	
UDP Port	109
TCP Port	109
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# POP3

<b>Name/CLI Keyword</b>	pop3
<b>Full Name</b>	Post Office Protocol 3
<b>Description</b>	Post Office Protocol 3 is an application-layer Internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection. POP3 usually uses TCP port 995.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1939.txt">http://www.ietf.org/rfc/rfc1939.txt</a>
<b>Global ID</b>	L4:110
<b>ID</b>	33
<b>Known Mappings</b>	
UDP Port	
TCP Port	110
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	pop3-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# POSTGRESQL

<b>Name/CLI Keyword</b>	postgresql
<b>Full Name</b>	postgresql
<b>Description</b>	PostgreSQL is an object-relational database management system (ORDBMS) available for many platforms including Linux, FreeBSD, Solaris, Microsoft Windows and Mac OS X. It is a free and open source software.
<b>Reference</b>	<a href="http://www.postgresql.org/">http://www.postgresql.org/</a>
<b>Global ID</b>	L4:5432
<b>ID</b>	1361
<b>Known Mappings</b>	
UDP Port	5432
TCP Port	5432
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# POV-RAY

<b>Name/CLI Keyword</b>	pov-ray
<b>Full Name</b>	Persistence of Vision Raytracer
<b>Description</b>	Persistence of Vision Raytracer (POV-Ray) is a ray tracing program available for a variety of computer platforms. It was originally based on DKBTrace. There are also influences from the earlier Polyray raytracer. POV-Ray is freeware with the source code available.
<b>Reference</b>	<a href="http://www.povray.org/">http://www.povray.org/</a>
<b>Global ID</b>	L4:494
<b>ID</b>	408
<b>Known Mappings</b>	
UDP Port	494
TCP Port	494
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# POWERBURST

<b>Name/CLI Keyword</b>	powerburst
<b>Full Name</b>	Air Soft Power Burst
<b>Description</b>	Registered with IANA on port 485 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:485
<b>ID</b>	399
<b>Known Mappings</b>	
UDP Port	485
TCP Port	485
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PPSTREAM

<b>Name/CLI Keyword</b>	ppstream
<b>Full Name</b>	PPstream
<b>Description</b>	PPStream is a Chinese peer-to-peer (P2P) streaming video network software that broadcasts TV programs to broadband users. Compared to traditional stream media, PPStream adopts P2P streaming technology and supports full-scale visits with tens of thousands of users online.
<b>Reference</b>	<a href="http://www.pps.tv/en/">http://www.pps.tv/en/</a>
<b>Global ID</b>	L7:423
<b>ID</b>	698
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# PPTP

<b>Name/CLI Keyword</b>	pptp
<b>Full Name</b>	Point-to-Point Tunneling Protocol
<b>Description</b>	Point-to-Point Tunneling Protocol (PPTP) uses a control channel over TCP and a GRE (Generic Routing Encapsulation) tunnel operating to encapsulate PPP packets.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2637.txt">http://www.ietf.org/rfc/rfc2637.txt</a>
<b>Global ID</b>	L4:1723
<b>ID</b>	35
<b>Known Mappings</b>	
UDP Port	
TCP Port	1723
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# PRINT-SRV

<b>Name/CLI Keyword</b>	print-srv
<b>Full Name</b>	Adobe PostScript
<b>Description</b>	Adobe PostScript is the worldwide printing and imaging standard. Used by print service providers, publishers, corporations, and government agencies around the globe
<b>Reference</b>	<a href="http://www.adobe.com/products/postscript/">http://www.adobe.com/products/postscript/</a>
<b>Global ID</b>	L4:170
<b>ID</b>	1015
<b>Known Mappings</b>	
UDP Port	170
TCP Port	170
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PRINTER

<b>Name/CLI Keyword</b>	printer
<b>Full Name</b>	Line Printer Daemon Protocol
<b>Description</b>	Line Printer Daemon protocol (LPD) or Line Printer Remote protocol (LPR) is a network protocol for submitting print jobs to a remote printer.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1179.txt">http://www.ietf.org/rfc/rfc1179.txt</a>
<b>Global ID</b>	L4:515
<b>ID</b>	46
<b>Known Mappings</b>	
UDP Port	515
TCP Port	515
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PRM-NM

<b>Name/CLI Keyword</b>	prm-nm
<b>Full Name</b>	Prospero Resource Manager Node Man.
<b>Description</b>	The Prospero Resource Manager (PRM) is a scalable resource allocation system that supports the allocation of processing resources in large networks and on multiprocessor systems.
<b>Reference</b>	<a href="http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776">http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776</a>
<b>Global ID</b>	L4:409
<b>ID</b>	324
<b>Known Mappings</b>	
UDP Port	409
TCP Port	409
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	prm-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PRM-SM

<b>Name/CLI Keyword</b>	prm-sm
<b>Full Name</b>	Prospero Resource Manager Sys. Man
<b>Description</b>	The Prospero Resource Manager (PRM) presents a uniform and scalable model for scheduling tasks in parallel and distributed systems. PRM provides the mechanisms through which nodes on multiprocessors can be allocated to jobs running within an extremely large distributed system. The system manager is one (out of three) type of managers that manages the full set of resources that exist in a system.
<b>Reference</b>	<a href="http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps">http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps</a>
<b>Global ID</b>	L4:408
<b>ID</b>	323
<b>Known Mappings</b>	
UDP Port	408
TCP Port	408
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	prm-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# PRM

<b>Name/CLI Keyword</b>	prm
<b>Full Name</b>	Packet Radio Measurement
<b>Description</b>	Registered with IANA as IP Protocol 21
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:21
<b>ID</b>	775
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	21
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PROFILE

<b>Name/CLI Keyword</b>	profile
<b>Full Name</b>	Profile Naming System
<b>Description</b>	Registered with IANA on port 136 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:136
<b>ID</b>	923
<b>Known Mappings</b>	
UDP Port	136
TCP Port	136
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PROSPERO

<b>Name/CLI Keyword</b>	prospero
<b>Full Name</b>	Prospero Directory Service
<b>Description</b>	The Prospero System is a collection of protocols and embedded software providing distributed directory services, file access services, naming etc.
<b>Reference</b>	<a href="http://www.prospero.org/">http://www.prospero.org/</a>
<b>Global ID</b>	L4:191
<b>ID</b>	1035
<b>Known Mappings</b>	
UDP Port	191
TCP Port	191
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PSRSERVER

<b>Name/CLI Keyword</b>	psrserver
<b>Full Name</b>	Pharos psrserver
<b>Description</b>	Registered with IANA on port 2351 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:2351
<b>ID</b>	1360
<b>Known Mappings</b>	
UDP Port	2351
TCP Port	2351
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PTCNAMESERVICE

<b>Name/CLI Keyword</b>	ptcnameservice
<b>Full Name</b>	PTC Name Service
<b>Description</b>	PTC Name Service is a protocol used by Parametric Technology Corporation (PTC) in their products.
<b>Reference</b>	<a href="http://www.ptc.com">http://www.ptc.com</a>
<b>Global ID</b>	L4:597
<b>ID</b>	511
<b>Known Mappings</b>	
UDP Port	597
TCP Port	597
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PTP-EVENT

<b>Name/CLI Keyword</b>	ptp-event
<b>Full Name</b>	Precision Time Protocol Event
<b>Description</b>	The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems.
<b>Reference</b>	<a href="http://www.nist.gov/el/isd/ieee/ieee1588.cfm">http://www.nist.gov/el/isd/ieee/ieee1588.cfm</a>
<b>Global ID</b>	L4:319
<b>ID</b>	1159
<b>Known Mappings</b>	
UDP Port	319
TCP Port	319
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PTP-GENERAL

<b>Name/CLI Keyword</b>	ptp-general
<b>Full Name</b>	PTP General
<b>Description</b>	The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems.
<b>Reference</b>	<a href="http://www.nist.gov/el/isd/ieee/ieee1588.cfm">http://www.nist.gov/el/isd/ieee/ieee1588.cfm</a>
<b>Global ID</b>	L4:320
<b>ID</b>	884
<b>Known Mappings</b>	
UDP Port	320
TCP Port	320
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PTP

<b>Name/CLI Keyword</b>	ptp
<b>Full Name</b>	Performance Transparency Protocol
<b>Description</b>	Performance Transparency Protocol (PTP) is a means to efficiently retrieve performance related information from a path of routers between the sender and the receiver. For example, a single PTP packet could be used to determine the bottleneck bandwidth along such a path.
<b>Reference</b>	<a href="http://heim.ifi.uio.no/michawe/research/projects/ptp/">http://heim.ifi.uio.no/michawe/research/projects/ptp/</a>
<b>Global ID</b>	L3:123
<b>ID</b>	877
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	123
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# PUMP

<b>Name/CLI Keyword</b>	pump
<b>Full Name</b>	pump
<b>Description</b>	Registered with IANA on port 751 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:751
<b>ID</b>	626
<b>Known Mappings</b>	
UDP Port	751
TCP Port	751
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PUP

<b>Name/CLI Keyword</b>	pup
<b>Full Name</b>	PARC Universal Packet
<b>Description</b>	The PARC Universal Packet was one of the two earliest internetwork protocol suites and was created by researchers at Xerox PARC in the mid-1970s. The entire suite provided routing and packet delivery, as well as higher level functions such as a reliable byte stream, along with numerous applications.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/PARC_Universal_Packet">http://en.wikipedia.org/wiki/PARC_Universal_Packet</a>
<b>Global ID</b>	L3:12
<b>ID</b>	767
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	12
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PURENOISE

<b>Name/CLI Keyword</b>	purenoise
<b>Full Name</b>	PureNoise
<b>Description</b>	Registered with IANA on port 663 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:663
<b>ID</b>	571
<b>Known Mappings</b>	
UDP Port	663
TCP Port	663
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PVP

<b>Name/CLI Keyword</b>	pvp
<b>Full Name</b>	Packet Video Protocol
<b>Description</b>	The Packet Video Protocol (PVP) is a set of extensions to the Network Voice Protocol (NVP-II) and consists mostly of a data protocol for transmission of video data. No specific changes to the NVP-II protocol are necessary for the PVP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1453">http://tools.ietf.org/html/rfc1453</a>
<b>Global ID</b>	L3:75
<b>ID</b>	829
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	75
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# PWDGEN

<b>Name/CLI Keyword</b>	pwdgen
<b>Full Name</b>	Password Generator Protocol
<b>Description</b>	The PWDGEN Service provides a set of six randomly generated eight-character CRLF-delimited "words" with a reasonable level of pronounceability, using a multi-level algorithm. An implementation of the algorithm is available in FORTRAN-77 for examination and possible implementation by system administrators only.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc0972.txt">http://www.ietf.org/rfc/rfc0972.txt</a>
<b>Global ID</b>	L4:129
<b>ID</b>	998
<b>Known Mappings</b>	
UDP Port	129
TCP Port	129
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





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# QBIKGDP

<b>Name/CLI Keyword</b>	qbikgdp
<b>Full Name</b>	Qbik GDP
<b>Description</b>	Generic Discovery Protocol (GDP) is a protocol developed for finding or discovering Internet connectivity servers (such as WinGate). It is used by both the WinGate Internet Client (WGIC) and GateKeeper for finding WinGate. It is designed to be fully automatic, requiring no user intervention.
<b>Reference</b>	<a href="http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php">http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php</a>
<b>Global ID</b>	L4:368
<b>ID</b>	284
<b>Known Mappings</b>	
UDP Port	368
TCP Port	368
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## QFT

<b>Name/CLI Keyword</b>	qft
<b>Full Name</b>	Queued File Transport
<b>Description</b>	Registered with IANA on port 189 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:189
<b>ID</b>	1033
<b>Known Mappings</b>	
UDP Port	189
TCP Port	189
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QMQP

<b>Name/CLI Keyword</b>	qmqp
<b>Full Name</b>	Quick Mail Queuing Protocol
<b>Description</b>	Quick Mail Queuing Protocol (QMQP) is a network protocol designed to share e-mail queues between several hosts. It is designed and implemented in qmail.
<b>Reference</b>	<a href="http://cr.yip.to/proto/qmqp.html">http://cr.yip.to/proto/qmqp.html</a>
<b>Global ID</b>	L4:628
<b>ID</b>	537
<b>Known Mappings</b>	
UDP Port	628
TCP Port	628
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QMT

<b>Name/CLI Keyword</b>	qmt
<b>Full Name</b>	Quick Mail Transfer Protocol
<b>Description</b>	The Quick Mail Transfer Protocol (QMT) is an e-mail transmission protocol that is designed to have better performance than Simple Mail Transfer Protocol (SMTP), the de facto standard. It was designed and implemented in qmail.
<b>Reference</b>	<a href="http://cr.yip.to/proto/qmt.txt">http://cr.yip.to/proto/qmt.txt</a>
<b>Global ID</b>	L4:209
<b>ID</b>	1107
<b>Known Mappings</b>	
UDP Port	209
TCP Port	209
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QNX

<b>Name/CLI Keyword</b>	qnx
<b>Full Name</b>	QNX
<b>Description</b>	QNX IP protocol. QNX is a commercial Unix-like real-time operating system, aimed primarily at the embedded systems market.
<b>Reference</b>	<a href="http://www.qnx.com/">http://www.qnx.com/</a>
<b>Global ID</b>	L3:106
<b>ID</b>	860
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	106
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QOTD

<b>Name/CLI Keyword</b>	qotd
<b>Full Name</b>	Quote of the Day
<b>Description</b>	The Quote Of The Day (QOTD) service is a useful debugging and measurement tool. A quote of the day service simply sends a short message without regard to the input.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc865.txt">http://www.ietf.org/rfc/rfc865.txt</a>
<b>Global ID</b>	L4:17
<b>ID</b>	906
<b>Known Mappings</b>	
UDP Port	17
TCP Port	17
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QQ-ACCOUNTS

<b>Name/CLI Keyword</b>	qq-accounts
<b>Full Name</b>	QQ Accounts
<b>Description</b>	QQ-Accounts protocol is a general account login and common service. This protocol classifies login traffic over HTTP, and it is used by all QQ applications that require a login to the QQ accounts, such as QQLive.
<b>Reference</b>	<a href="http://id.qq.com/.aspx">http:// id.qq.com/.aspx</a>
<b>Global ID</b>	L7:554
<b>ID</b>	1489
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	qq-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# QQ-GAMES

<b>Name/CLI Keyword</b>	qq-games
<b>Full Name</b>	QQ-Games
<b>Description</b>	QQ Games is a platform developed by Tencent America LLC which lets users play hundreds of casual multiplayer games with other people through the web. A Chinese version is available as well as an English version.
<b>Reference</b>	<a href="http://qqgame.qq.com/">http://qqgame.qq.com/</a>
<b>Global ID</b>	L7:570
<b>ID</b>	1509
<b>Known Mappings</b>	
UDP Port	53,1863,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic



## QQ-IM

<b>Name/CLI Keyword</b>	qq-im
<b>Full Name</b>	QQ Instant Messenger
<b>Description</b>	QQ instant messenger is the most popular IM software service in China. QQ IM was developed by Tencent Holding LTD. and has clients for Windows, Mac, Android and iPhone. A Chinese version is available as well as an English version (QQ International).
<b>Reference</b>	<a href="http://www.imqq.com/">http://www.imqq.com/</a>
<b>Global ID</b>	L7:569
<b>ID</b>	1508
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# QQLIVE

<b>Name/CLI Keyword</b>	qqlive
<b>Full Name</b>	QQLive
<b>Description</b>	QQLive is a live streaming video freeware created by Tencent, which takes advantages of advanced P2P streaming media to ensure program keep fluency with many people viewing at the same time.
<b>Reference</b>	<a href="http://live.qq.com/">http://live.qq.com/</a>
<b>Global ID</b>	L7:540
<b>ID</b>	1476
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	qq-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# QRH

<b>Name/CLI Keyword</b>	qrh
<b>Full Name</b>	qrh
<b>Description</b>	Registered with IANA on port 752 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:752
<b>ID</b>	627
<b>Known Mappings</b>	
UDP Port	752
TCP Port	752
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# QUOTAD

<b>Name/CLI Keyword</b>	quotad
<b>Full Name</b>	Quotad
<b>Description</b>	Registered with IANA on port 762 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:762
<b>ID</b>	634
<b>Known Mappings</b>	
UDP Port	762
TCP Port	762
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RADIUS

<b>Name/CLI Keyword</b>	radius
<b>Full Name</b>	RADIUS
<b>Description</b>	Remote Authentication Dial In User Service (RADIUS) is a networking protocol that provides centralized Authentication, Authorization and Accounting (AAA) management for computers to connect and use a network service. It is a UDP based protocol.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2865">http://tools.ietf.org/html/rfc2865</a>
<b>Global ID</b>	L4:1812
<b>ID</b>	738
<b>Known Mappings</b>	
UDP Port	1812,1813
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RADMIN-PORT

<b>Name/CLI Keyword</b>	radmin-port
<b>Full Name</b>	Remote Admin
<b>Description</b>	Remote Admin (Radmin) is a remote access software solution designed for Windows, enabling a remote computer screen to be viewed on a local monitor.
<b>Reference</b>	<a href="http://www.radmin.com">http://www.radmin.com</a>
<b>Global ID</b>	L4:4899
<b>ID</b>	1362
<b>Known Mappings</b>	
UDP Port	4899
TCP Port	4899
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RAP

<b>Name/CLI Keyword</b>	rap
<b>Full Name</b>	Route Access Protocol
<b>Description</b>	Route Access Protocol (RAP) is a general protocol for distributing routing information at all levels of the Internet, from private LANs to the widest-flung international carrier networks. It does not distinguish between "interior" and "exterior" routing (except as restricted by specific policy), and therefore is not as restricted nor complex as those protocols that have strict level and area definitions in their models.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1476">http://tools.ietf.org/html/rfc1476</a>
<b>Global ID</b>	L4:38
<b>ID</b>	919
<b>Known Mappings</b>	
UDP Port	38
TCP Port	38
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RCP

<b>Name/CLI Keyword</b>	rcp
<b>Full Name</b>	Radio Control Protocol
<b>Description</b>	Registered with IANA on port 469 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:469
<b>ID</b>	93
<b>Known Mappings</b>	
UDP Port	469
TCP Port	469
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# RDA

<b>Name/CLI Keyword</b>	rda
<b>Full Name</b>	Remote Database Access
<b>Description</b>	Remote Database Access (RDA) is a protocol standard for database access. RDA describes the connection of a database client to a database server. It includes features for communicating database operations and parameters from the client to the server, transporting result data from the server to the client, and database transaction management.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Remote_Database_Access">http://en.wikipedia.org/wiki/Remote_Database_Access</a>
<b>Global ID</b>	L4:630
<b>ID</b>	539
<b>Known Mappings</b>	
UDP Port	630
TCP Port	630
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## RDB-DBS-DISP

<b>Name/CLI Keyword</b>	rdb-dbs-disp
<b>Full Name</b>	Oracle Remote Data Base
<b>Description</b>	Oracle Remote Data Base provides the user with a connection to a remote Oracle database.
<b>Reference</b>	<a href="http://www.oracle.com">http://www.oracle.com</a>
<b>Global ID</b>	L4:1571
<b>ID</b>	694
<b>Known Mappings</b>	
UDP Port	1571
TCP Port	1571
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RDP

<b>Name/CLI Keyword</b>	rdp
<b>Full Name</b>	Reliable Data Protocol
<b>Description</b>	Reliable Datagram Protocol (also known as RDP or RUDP) is a transport layer protocol designed at Bell Labs for the Plan 9 operating system. RUDP implements features that are similar to TCP with less overhead.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc908.txt">http://www.ietf.org/rfc/rfc908.txt</a>
<b>Global ID</b>	L3:27
<b>ID</b>	781
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	27
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RDT

<b>Name/CLI Keyword</b>	rdt
<b>Full Name</b>	Real Data Transport
<b>Description</b>	Real Data Transport (RDT) is a proprietary transport protocol for the actual audio/video data. It is commonly used in companion with a control protocol for streaming media like the IETF's based Real Time Streaming Protocol (RTSP). RDT is now included as part of the Helix Community project.
<b>Reference</b>	<a href="https://helixcommunity.org/viewcvs/server/protocol/transport/rdt/">https://helixcommunity.org/viewcvs/server/protocol/transport/rdt/</a>
<b>Global ID</b>	L4:6970
<b>ID</b>	1363
<b>Known Mappings</b>	
UDP Port	
TCP Port	6970
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# REALMEDIA

<b>Name/CLI Keyword</b>	realmedia
<b>Full Name</b>	RealMedia Traffic
<b>Description</b>	RealMedia is a proprietary multimedia container format created by RealNetworks. Its extension is (.rm). It is typically used in conjunction with RealVideo and RealAudio and is used for streaming content over the Internet.
<b>Reference</b>	<a href="http://uk.real.com/realplayer">http://uk.real.com/realplayer</a>
<b>Global ID</b>	L7:507
<b>ID</b>	1442
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,rtsp,http

## REALM-RUSD

<b>Name/CLI Keyword</b>	realm-rusd
<b>Full Name</b>	ApplianceWare Managment Protocol
<b>Description</b>	Registered with IANA on port 688 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:688
<b>ID</b>	596
<b>Known Mappings</b>	
UDP Port	688
TCP Port	688
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RE-MAIL-CK

<b>Name/CLI Keyword</b>	re-mail-ck
<b>Full Name</b>	Remote Mail Checking Protocol
<b>Description</b>	Remote Mail Checking Protocol (RMCP) is a mail checking service that is used between a client and a server pair. Client queries server in order to find out whether new mail has arrived for a specified user. The protocol provides for both non-authenticated and authenticated polling.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1339">http://tools.ietf.org/html/rfc1339</a>
<b>Global ID</b>	L4:50
<b>ID</b>	930
<b>Known Mappings</b>	
UDP Port	50
TCP Port	50
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# REMOTEFs

<b>Name/CLI Keyword</b>	remotefs
<b>Full Name</b>	Remotefs
<b>Description</b>	RemoteFS is a network file system designed for use with home NAS. Simple to use, few dependencies, reasonable security, completely in user space.
<b>Reference</b>	<a href="http://remotefs.sourceforge.net/">http://remotefs.sourceforge.net/</a>
<b>Global ID</b>	L4:556
<b>ID</b>	471
<b>Known Mappings</b>	
UDP Port	556
TCP Port	556
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# REMOTE-KIS

<b>Name/CLI Keyword</b>	remote-kis
<b>Full Name</b>	Remote-KIS
<b>Description</b>	Registered with IANA on port 185 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:185
<b>ID</b>	1028
<b>Known Mappings</b>	
UDP Port	185
TCP Port	185
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# REPCMD

<b>Name/CLI Keyword</b>	repcmd
<b>Full Name</b>	repcmd
<b>Description</b>	Repcmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assistance.
<b>Reference</b>	<a href="http://www.consona.com/supportsoft/">http://www.consona.com/supportsoft/</a>
<b>Global ID</b>	L4:641
<b>ID</b>	550
<b>Known Mappings</b>	
UDP Port	641
TCP Port	641
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# REPCMD

<b>Name/CLI Keyword</b>	repcmd
<b>Full Name</b>	repcmd
<b>Description</b>	Repcmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assistance
<b>Reference</b>	<a href="http://www.consona.com/supportsoft/">http://www.consona.com/supportsoft/</a>
<b>Global ID</b>	L4:653
<b>ID</b>	562
<b>Known Mappings</b>	
UDP Port	653
TCP Port	653
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RESCAP

<b>Name/CLI Keyword</b>	rescap
<b>Full Name</b>	rescap
<b>Description</b>	The rescap Resolution protocol is a general client-server resolution protocol that translates resource identifiers to a list of attributes. A rescap client can ask a rescap server for the attributes of a particular mail user. Rescap is very lightweight and acts only as a resolution protocol, not a directory service.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-rescap-proto-main-01">http://tools.ietf.org/html/draft-ietf-rescap-proto-main-01</a>
<b>Global ID</b>	L4:283
<b>ID</b>	1144
<b>Known Mappings</b>	
UDP Port	283
TCP Port	283
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RHAPSODY

<b>Name/CLI Keyword</b>	rhapsody
<b>Full Name</b>	Rhapsody
<b>Description</b>	Rhapsody is an online music store subscription service. The Rhapsody protocol is a client-server TCP software that enables the client to hear music online or download it to the client's device (e.g. PC, mobile, MP3 player). The application works on several platforms such as PC, BlackBerry and iPhone.
<b>Reference</b>	<a href="http://www.rhapsody.com/about/index.html">http://www.rhapsody.com/about/index.html</a>
<b>Global ID</b>	L7:489
<b>ID</b>	1418
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtmp,ssl,spdy,http

# RIP

<b>Name/CLI Keyword</b>	rip
<b>Full Name</b>	Routing Information Protocol
<b>Description</b>	Routing Information Protocol (RIP) is a routing protocol used in IP based networks, based on the Distance Vector routing algorithm. RIP is designed to be used in an Autonomous System (AS) as an Interior Gateway Protocol (IGP).
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2453">http://tools.ietf.org/html/rfc2453</a>
<b>Global ID</b>	L4:520
<b>ID</b>	36
<b>Known Mappings</b>	
UDP Port	520
TCP Port	520
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RIPNG

<b>Name/CLI Keyword</b>	ripng
<b>Full Name</b>	RIPng
<b>Description</b>	RIPng is a Routing Information Protocol enhancement for IPV6 based networks. The routing protocol uses a distance-vector algorithm to determine best route to destination, and its purpose is to allow routers to exchange information for computing routes. The protocol is based on UDP and typically uses port 521.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2080">http://tools.ietf.org/html/rfc2080</a>
<b>Global ID</b>	L4:521
<b>ID</b>	439
<b>Known Mappings</b>	
UDP Port	521
TCP Port	521
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## RIS

<b>Name/CLI Keyword</b>	ris
<b>Full Name</b>	Relational Interface System
<b>Description</b>	Relational Interface System (RIS) is Intergraph Corporation's middleware for connecting client software and DBMS. It is used in geographic information systems Modular GIS Environment (MGE) and GeoMedia, the digital photogrammetric station ImageStation, security systems, CAD software (such as MicroStation) and mechanical-design software I/EMS (predecessor of Solid Edge). It was developed for UNIX (including CLIX) many years before Open Database Connectivity (ODBC) and in the last years for Apple Macintosh and Windows computers.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Relational_Interface_System">http://en.wikipedia.org/wiki/Relational_Interface_System</a>
<b>Global ID</b>	L4:180
<b>ID</b>	1023
<b>Known Mappings</b>	
UDP Port	180
TCP Port	180
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# RIS-CM

<b>Name/CLI Keyword</b>	ris-cm
<b>Full Name</b>	Russell Info Sci Calendar Manager
<b>Description</b>	Registered with IANA on port 748 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:748
<b>ID</b>	622
<b>Known Mappings</b>	
UDP Port	748
TCP Port	748
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RJE

<b>Name/CLI Keyword</b>	rje
<b>Full Name</b>	Remote Job Entry
<b>Description</b>	Theremote job entry (RJE)is a Job Entry Subsystem (JES2) function that provides the ability to submit jobs and receive system output (SYSOUT) at remote facilities as if the jobs had been submitted at a local facility.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.hasa300/rjehp.htm">http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.hasa300/rjehp.htm</a>
<b>Global ID</b>	L4:5
<b>ID</b>	901
<b>Known Mappings</b>	
UDP Port	5
TCP Port	5
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RLP

<b>Name/CLI Keyword</b>	rlp
<b>Full Name</b>	Resource Location Protocol
<b>Description</b>	Resource Location Protocol (RLP) is a simple request/reply procedure used for determining the location of network services or resources.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc887.txt">http://www.ietf.org/rfc/rfc887.txt</a>
<b>Global ID</b>	L4:39
<b>ID</b>	920
<b>Known Mappings</b>	
UDP Port	39
TCP Port	39
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RLZDBASE

<b>Name/CLI Keyword</b>	rlzdbase
<b>Full Name</b>	RLZ Dbase
<b>Description</b>	Registered with IANA on port 635 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:635
<b>ID</b>	544
<b>Known Mappings</b>	
UDP Port	635
TCP Port	635
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RMC

<b>Name/CLI Keyword</b>	rmc
<b>Full Name</b>	Rational Method Composer
<b>Description</b>	Rational Method Composer is a tool platform that enables process engineers and managers to implement, deploy, and maintain processes for organizations or individual projects.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/awdtools/rmc/">http://www-01.ibm.com/software/awdtools/rmc/</a>
<b>Global ID</b>	L4:657
<b>ID</b>	566
<b>Known Mappings</b>	
UDP Port	657
TCP Port	657
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RMIACTIVATION

<b>Name/CLI Keyword</b>	rmiactivation
<b>Full Name</b>	Remote Method Invocation Activation
<b>Description</b>	The Java Remote Method Invocation Application Programming Interface (API), or Java RMI, is a Java API that performs the object-oriented equivalent of remote procedure calls (RPC). The Class RMI.Activation allows the programs to be written to register information about remote object implementations that should be created and execute "on demand", rather than running all the time.
<b>Reference</b>	<a href="http://docs.oracle.com/javase/1.4.2/docs/guide/rmi/activation.html">http://docs.oracle.com/javase/1.4.2/docs/guide/rmi/activation.html</a>
<b>Global ID</b>	L4:1098
<b>ID</b>	682
<b>Known Mappings</b>	
UDP Port	1098
TCP Port	1098
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RMIREGISTRY

<b>Name/CLI Keyword</b>	rmiregistry
<b>Full Name</b>	rmiregistry
<b>Description</b>	rmiregistry is a command that creates and starts a remote object registry on the current host.
<b>Reference</b>	<a href="http://docs.oracle.com/javase/1.4.2/docs/tooldocs/windows/rmiregistry.html">http://docs.oracle.com/javase/1.4.2/docs/tooldocs/windows/rmiregistry.html</a>
<b>Global ID</b>	L4:1099
<b>ID</b>	683
<b>Known Mappings</b>	
UDP Port	1099
TCP Port	1099
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RMONITOR

<b>Name/CLI Keyword</b>	rmonitor
<b>Full Name</b>	Rmonitor
<b>Description</b>	Rmonitor is a protocol used by remote network monitoring devices, often called monitors or probes, that exist for the purpose of managing a network. Often these remote probes are stand-alone devices and devote significant internal resources for the sole purpose of managing a network. An organization may employ many of these devices, one per network segment, to manage its internet.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2819">http://tools.ietf.org/html/rfc2819</a>
<b>Global ID</b>	L4:560
<b>ID</b>	475
<b>Known Mappings</b>	
UDP Port	560
TCP Port	560
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# RMT

<b>Name/CLI Keyword</b>	rmt
<b>Full Name</b>	Remote MT Protocol
<b>Description</b>	Rmtis a program used by the remotedump,restoreortarprograms in manipulating a magnetic tape drive through an interprocess communication connection.
<b>Reference</b>	<a href="http://linux.die.net/man/8/rmt">http://linux.die.net/man/8/rmt</a>
<b>Global ID</b>	L4:411
<b>ID</b>	326
<b>Known Mappings</b>	
UDP Port	411
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RPC2PORTMAP

<b>Name/CLI Keyword</b>	rpc2portmap
<b>Full Name</b>	RPC2portmap
<b>Description</b>	Registered with IANA on port 369 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:369
<b>ID</b>	285
<b>Known Mappings</b>	
UDP Port	369
TCP Port	369
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RRH

<b>Name/CLI Keyword</b>	rrh
<b>Full Name</b>	Reverse Routing Header
<b>Description</b>	Reverse Routing Header (RRH) is a variable size reverse route header used to learn a path back hop-by-hop. It is formed of addresses that are located on the egress interface of the packets.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-thubert-6man-reverse-routing-header-00">http://tools.ietf.org/html/draft-thubert-6man-reverse-routing-header-00</a>
<b>Global ID</b>	L4:753
<b>ID</b>	628
<b>Known Mappings</b>	
UDP Port	753
TCP Port	753
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## RRP

<b>Name/CLI Keyword</b>	rrp
<b>Full Name</b>	Registry Registrar Protocol
<b>Description</b>	Registry Registrar Protocol (RRP) is a text protocol that permits multiple registrars to provide second level Internet domain name registration services in the top level domains (TLDs) administered by a TLD registry. The registry stores information about registered domain names and associated name servers.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2832.txt">http://www.ietf.org/rfc/rfc2832.txt</a>
<b>Global ID</b>	L4:648
<b>ID</b>	557
<b>Known Mappings</b>	
UDP Port	648
TCP Port	648
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSH-SPX

<b>Name/CLI Keyword</b>	rsh-spx
<b>Full Name</b>	Berkeley rshd with SPX auth
<b>Description</b>	RSH-SPX is an implementation of RSH (Remote Shell) over an IPX/SPX network.
<b>Reference</b>	<a href="http://rshd.sourceforge.net/">http://rshd.sourceforge.net/</a>
<b>Global ID</b>	L4:222
<b>ID</b>	1119
<b>Known Mappings</b>	
UDP Port	222
TCP Port	222
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSVD

<b>Name/CLI Keyword</b>	rsvd
<b>Full Name</b>	rsvd
<b>Description</b>	Registered with IANA on port 168 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:168
<b>ID</b>	1013
<b>Known Mappings</b>	
UDP Port	168
TCP Port	168
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSVP

<b>Name/CLI Keyword</b>	rsvp
<b>Full Name</b>	Resource Reservation Protocol
<b>Description</b>	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2205.txt">http://www.ietf.org/rfc/rfc2205.txt</a>
<b>Global ID</b>	L3:46
<b>ID</b>	37
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	46
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSVP\_TUNNEL

<b>Name/CLI Keyword</b>	rsvp_tunnel
<b>Full Name</b>	RSVP Tunnel
<b>Description</b>	The Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services Internet. It is one component of a framework designed to extend IP to support multiple, controlled classes of service over a wide variety of link-level technologies. To deploy this technology with maximum flexibility, it is desirable for tunnels to act as RSVP-controllable links within the network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2746">http://tools.ietf.org/html/rfc2746</a>
<b>Global ID</b>	L4:363
<b>ID</b>	279
<b>Known Mappings</b>	
UDP Port	363
TCP Port	363
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# RSVP-E2E-IGNORE

<b>Name/CLI Keyword</b>	rsvp-e2e-ignore
<b>Full Name</b>	RSVP-E2E-IGNORE
<b>Description</b>	A Protocol used in Aggregation of RSVP for IPv4 and IPv6 Reservations.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3175">http://tools.ietf.org/html/rfc3175</a>
<b>Global ID</b>	L3:134
<b>ID</b>	1232
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	134
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSVP-ENCAP-1

<b>Name/CLI Keyword</b>	rsvp-encap-1
<b>Full Name</b>	Resource Reservation Protocol
<b>Description</b>	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2205.txt">http://www.ietf.org/rfc/rfc2205.txt</a>
<b>Global ID</b>	L4:1698
<b>ID</b>	1423
<b>Known Mappings</b>	
UDP Port	1698
TCP Port	1698
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## RSVP-ENCAP-2

<b>Name/CLI Keyword</b>	rsvp-encap-2
<b>Full Name</b>	Resource Reservation Protocol
<b>Description</b>	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2205.txt">http://www.ietf.org/rfc/rfc2205.txt</a>
<b>Global ID</b>	L4:1699
<b>ID</b>	1424
<b>Known Mappings</b>	
UDP Port	1699
TCP Port	1699
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RSYNC

<b>Name/CLI Keyword</b>	rsync
<b>Full Name</b>	rsync
<b>Description</b>	rsync is a software application and network protocol for Unix-like and Windows systems that synchronizes files and directories from one location to another while minimizing data transfer using delta encoding when appropriate.
<b>Reference</b>	<a href="http://rsync.samba.org/">http://rsync.samba.org/</a>
<b>Global ID</b>	L4:873
<b>ID</b>	659
<b>Known Mappings</b>	
UDP Port	873
TCP Port	873
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RTCP

<b>Name/CLI Keyword</b>	rtcp
<b>Full Name</b>	Real-Time Transport Control Protocol
<b>Description</b>	Real Time Transport Control Protocol (RTCP) is augmentation of Real-time Transport Protocol (RTP). RTCP allow monitoring of the data delivery to large multicast networks, provides control and identification functionality. Typically, RTCP uses UDP as its transport protocol.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3550.txt">http://www.ietf.org/rfc/rfc3550.txt</a>
<b>Global ID</b>	L7:66
<b>ID</b>	66
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat

# RTELNET

<b>Name/CLI Keyword</b>	rtelnet
<b>Full Name</b>	Remote Telnet Service
<b>Description</b>	Remote Telnet Service (Rtelnet) is a SOCKS client version of Telnet in Unix-like systems. The RTelnet utility provides a functionality similar to Telnet for hosts that are behind a firewall.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc818.txt">http://www.ietf.org/rfc/rfc818.txt</a>
<b>Global ID</b>	L4:107
<b>ID</b>	107
<b>Known Mappings</b>	
UDP Port	107
TCP Port	107
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RTIP

<b>Name/CLI Keyword</b>	rtip
<b>Full Name</b>	rtip
<b>Description</b>	Registered with IANA on port 771 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:771
<b>ID</b>	641
<b>Known Mappings</b>	
UDP Port	771
TCP Port	771
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RTMP

<b>Name/CLI Keyword</b>	rtmp
<b>Full Name</b>	Real Time Messaging Protocol
<b>Description</b>	Real Time Messaging Protocol (RTMP) is used for streaming audio, video, and data between a server and a Flash Player. The protocol fragments the data and can be multiplexed (several channels) over a single TCP connection.
<b>Reference</b>	<a href="http://www.adobe.com/devnet/rtmp.html">http://www.adobe.com/devnet/rtmp.html</a>
<b>Global ID</b>	L7:418
<b>ID</b>	1067
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# RTMPE

<b>Name/CLI Keyword</b>	rtmpe
<b>Full Name</b>	Real Time Messaging Protocol Encrypted
<b>Description</b>	Real Time Messaging Protocol Encrypted (RTMPE) is a 128-bit encrypted RTMP protocol developed by Adobe systems for securing the stream data between flash client and server. Adobe developed RTMPE as a lighter weight alternative to SSL, to make it more practical for high-traffic sites to serve encrypted content.
<b>Reference</b>	<a href="http://help.adobe.com/en_US/flashlite/dev/4/W/Sa2ec538c80d45833-4e519ada123e088b6aa-8000.html">http://help.adobe.com/en_US/flashlite/dev/4/W/Sa2ec538c80d45833-4e519ada123e088b6aa-8000.html</a>
<b>Global ID</b>	L7:487
<b>ID</b>	1416
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RTMPT

<b>Name/CLI Keyword</b>	rtmpt
<b>Full Name</b>	Real Time Messaging Protocol Tunneled
<b>Description</b>	Real Time Messaging Protocol Tunneled (RTMPT) is a variation of Real Time Messaging Protocol (RTMP), which can work behind firewalls on Port 80 and encapsulate the RTMP data in HTTP requests. The encapsulated session may carry plain RTMP, RTMPS (RTMP over secure SSL), or RTMPE (RTMP Encrypted) packets.
<b>Reference</b>	<a href="http://wiki.wireshark.org/RTMPT">http://wiki.wireshark.org/RTMPT</a>
<b>Global ID</b>	L7:491
<b>ID</b>	1420
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	http

# RTP

<b>Name/CLI Keyword</b>	rtp
<b>Full Name</b>	Real-time Transport Protocol
<b>Description</b>	Real-time Transport Protocol (RTP) is used for streaming video and audio in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3551">http://tools.ietf.org/html/rfc3551</a>
<b>Global ID</b>	L7:61
<b>ID</b>	61
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat

# RTSP

<b>Name/CLI Keyword</b>	rtsp
<b>Full Name</b>	Real Time Streaming Protocol
<b>Description</b>	Real Time Streaming Protocol (RTSP) is a control protocol that is used to control media streaming in real time for various applications. RTSP is based on client server architecture and the common port associated is 554.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2326.txt">http://www.ietf.org/rfc/rfc2326.txt</a>
<b>Global ID</b>	L4:554
<b>ID</b>	60
<b>Known Mappings</b>	
UDP Port	
TCP Port	554,8554
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# RTSPS

<b>Name/CLI Keyword</b>	rtsp
<b>Full Name</b>	RTSPS
<b>Description</b>	Secure Real Time Streaming Protocol (RTSPS) is RTSP over TLS/SSL. It first establishes an encrypted connection and then works the same as RTSP. RTSP is a network control protocol designed for use in entertainment and communications systems to control streaming media servers. The protocol is used for establishing and controlling media sessions between end points.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2326.txt">http://www.ietf.org/rfc/rfc2326.txt</a>
<b>Global ID</b>	L4:322
<b>ID</b>	881
<b>Known Mappings</b>	
UDP Port	322
TCP Port	322
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RUSHD

<b>Name/CLI Keyword</b>	rushd
<b>Full Name</b>	RUSHD
<b>Description</b>	The Rush render queue allows users to manage jobs. A 'job' is usually just a range of frames that need to be rendered. The render queue consists of two executables: rush(1) is the command line oriented user front end tool and rushd(8) is the network daemon that runs on each host, one daemon per host.
<b>Reference</b>	<a href="http://seriss.com/rush-current/rush/">http://seriss.com/rush-current/rush/</a>
<b>Global ID</b>	L4:696
<b>ID</b>	604
<b>Known Mappings</b>	
UDP Port	696
TCP Port	696
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RVD

<b>Name/CLI Keyword</b>	rvd
<b>Full Name</b>	MIT Remote Virtual Disk Protocol
<b>Description</b>	Remote Virtual Disk protocol (RVD) is implemented as a device driver that allows one to read and write individual disk blocks on a remote machine as if they were on a local disk.
<b>Reference</b>	<a href="http://opus.salmi.fi/ai/publications/PDFs/The%20Disk%20Computer%20s%20%20Network%20Part.pdf">http://opus.salmi.fi/ai/publications/PDFs/The%20Disk%20Computer%20s%20%20Network%20Part.pdf</a>
<b>Global ID</b>	L3:66
<b>ID</b>	820
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	66
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# RXE

<b>Name/CLI Keyword</b>	rxex
<b>Full Name</b>	rxex
<b>Description</b>	Registered with IANA on port 761 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:761
<b>ID</b>	633
<b>Known Mappings</b>	
UDP Port	761
TCP Port	761
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





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# SAFT

<b>Name/CLI Keyword</b>	saft
<b>Full Name</b>	Simple Asynchronous File Transfer
<b>Description</b>	Simple Asynchronous File Transfer (SAFT) is an internet protocol designed to do asynchronous file transfer: any user A can send a file to another user B without B doing any action. Is used by sendfile software.
<b>Reference</b>	<a href="http://fex.rus.uni-stuttgart.de/saft/index.html">http://fex.rus.uni-stuttgart.de/saft/index.html</a>
<b>Global ID</b>	L4:487
<b>ID</b>	401
<b>Known Mappings</b>	
UDP Port	487
TCP Port	487
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SALESFORCE

<b>Name/CLI Keyword</b>	salesforce
<b>Full Name</b>	Salesforce CRM
<b>Description</b>	Salesforce.com is a CRM (Customer Relationship Management) web application that allows users to manage their relationships with customers, using a combination of people, processes, and technology.
<b>Reference</b>	<a href="http://www.salesforce.com">http://www.salesforce.com</a>
<b>Global ID</b>	L7:509
<b>ID</b>	1444
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# SANITY

<b>Name/CLI Keyword</b>	sanity
<b>Full Name</b>	SANity
<b>Description</b>	SANity, Registered with IANA on port 643 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:643
<b>ID</b>	552
<b>Known Mappings</b>	
UDP Port	643
TCP Port	643
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SAP

<b>Name/CLI Keyword</b>	sap
<b>Full Name</b>	SAP
<b>Description</b>	SAP offers various software applications and solutions for businesses and business productivity. It provides solutions for IT management, data bases and business analysis. Typically, SAP uses 3200, 3300 and 3600 TCP ports as default
<b>Reference</b>	<a href="http://www.sap.com">http://www.sap.com</a>
<b>Global ID</b>	L7:84
<b>ID</b>	84
<b>Known Mappings</b>	
UDP Port	
TCP Port	3200,3300,3600
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SAT-EXPAK

<b>Name/CLI Keyword</b>	sat-expak
<b>Full Name</b>	SATNET and Backroom EXPAK
<b>Description</b>	Registered with IANA as IP Protocol 64
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:64
<b>ID</b>	818
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	64
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SAT-MON

<b>Name/CLI Keyword</b>	sat-mon
<b>Full Name</b>	SATNET Monitoring
<b>Description</b>	SATNET Monitoring is a protocol used for the monitoring and control of multiple-access satellite networks. The protocol covers the monitoring of network performance, the modification of network parameters whenever necessary, the coordination of network usage, the collection of status reports and performance statistics from individual SATNET nodes, and more.
<b>Reference</b>	<a href="http://adsabs.harvard.edu/abs/1979ntc.....3...45M">http://adsabs.harvard.edu/abs/1979ntc.....3...45M</a>
<b>Global ID</b>	L3:69
<b>ID</b>	823
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	69
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCC-SECURITY

<b>Name/CLI Keyword</b>	scc-security
<b>Full Name</b>	SCC Security
<b>Description</b>	Registered with IANA on port 582 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:582
<b>ID</b>	496
<b>Known Mappings</b>	
UDP Port	582
TCP Port	582
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCC-SP

<b>Name/CLI Keyword</b>	scc-sp
<b>Full Name</b>	Semaphore Communications Sec. Pro.
<b>Description</b>	Registered with IANA as IP Protocol 96
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:96
<b>ID</b>	850
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	96
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCHEDULE-TRANSFER

<b>Name/CLI Keyword</b>	schedule-transfer
<b>Full Name</b>	Schedule Transfer Protocol
<b>Description</b>	Scheduled Transfer Protocol (STP) is a new ANSI specified connection-oriented data transfer protocol. In STP small control messages are used to allocate buffers on the remote host before any data transfer. This reduces the workload of the receiver considerably and makes hardware acceleration relatively simple to implement.
<b>Reference</b>	<a href="http://www.kernel.org/doc/ols/2001/stlinux.pdf">http://www.kernel.org/doc/ols/2001/stlinux.pdf</a>
<b>Global ID</b>	L3:118
<b>ID</b>	872
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	118
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCO-DTMGR

<b>Name/CLI Keyword</b>	sco-dtmgr
<b>Full Name</b>	SCO Desktop Administration Server
<b>Description</b>	Registered with IANA on port 617 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:617
<b>ID</b>	526
<b>Known Mappings</b>	
UDP Port	617
TCP Port	617
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCOHELP

<b>Name/CLI Keyword</b>	scohelp
<b>Full Name</b>	scohelp
<b>Description</b>	Registered with IANA on port 457 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:457
<b>ID</b>	371
<b>Known Mappings</b>	
UDP Port	457
TCP Port	457
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCOI2DIALOG

<b>Name/CLI Keyword</b>	scoi2odialog
<b>Full Name</b>	Scoi2odialog
<b>Description</b>	Registered with IANA on port 360 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:360
<b>ID</b>	276
<b>Known Mappings</b>	
UDP Port	360
TCP Port	360
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SCO-INETMGR

<b>Name/CLI Keyword</b>	sco-inetmgr
<b>Full Name</b>	Internet Configuration Manager
<b>Description</b>	Registered with IANA on port 615 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:615
<b>ID</b>	524
<b>Known Mappings</b>	
UDP Port	615
TCP Port	615
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCO-SYSMGR

<b>Name/CLI Keyword</b>	sco-sysmgr
<b>Full Name</b>	SCO System Administration Server
<b>Description</b>	Registered with IANA on port 616 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:616
<b>ID</b>	525
<b>Known Mappings</b>	
UDP Port	616
TCP Port	616
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## SCO-WEBSRVRMG3

<b>Name/CLI Keyword</b>	sco-websrvrmg3
<b>Full Name</b>	SCO Web Server Manager 3
<b>Description</b>	Registered with IANA on port 598 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:598
<b>ID</b>	512
<b>Known Mappings</b>	
UDP Port	598
TCP Port	598
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCO-WEBSRVRMGR

<b>Name/CLI Keyword</b>	sco-websrvrMgr
<b>Full Name</b>	SCO Web Server Manager
<b>Description</b>	Registered with IANA on port 620 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:620
<b>ID</b>	529
<b>Known Mappings</b>	
UDP Port	620
TCP Port	620
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCPS

<b>Name/CLI Keyword</b>	scps
<b>Full Name</b>	Space Communications Protocol Specifications
<b>Description</b>	Space Communications Protocol Specifications (SCPS) are a set of extensions to existing protocols and new protocols developed by the Consultative Committee for Space Data Systems (CCSDS) to improve performance of Internet protocols in space environments.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications">http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications</a>
<b>Global ID</b>	L3:105
<b>ID</b>	859
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	105
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCTP

<b>Name/CLI Keyword</b>	sctp
<b>Full Name</b>	Stream Control Transmission Protocol
<b>Description</b>	The Stream Control Transmission Protocol (SCTP) is a transport layer protocol, serving in a similar role to the popular protocols Transmission Control Protocol (TCP) and User Datagram Protocol (UDP). It provides some of the same service features of both: it is message-oriented like UDP and ensures reliable, in-sequence transport of messages with congestion control like TCP.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3286.txt">http://www.ietf.org/rfc/rfc3286.txt</a>
<b>Global ID</b>	L3:132
<b>ID</b>	1230
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	132
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SCX-PROXY

<b>Name/CLI Keyword</b>	scx-proxy
<b>Full Name</b>	scx-proxy
<b>Description</b>	Registered with IANA on port 470 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:470
<b>ID</b>	384
<b>Known Mappings</b>	
UDP Port	470
TCP Port	470
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SDRP

<b>Name/CLI Keyword</b>	sdrp
<b>Full Name</b>	Source Demand Routing Protocol
<b>Description</b>	Source Demand Routing Protocol (SDRP) supports source-initiated selection of routes to complement the route selection provided by existing routing protocols for both inter-domain and intra-domain routes.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1940">http://tools.ietf.org/html/rfc1940</a>
<b>Global ID</b>	L3:42
<b>ID</b>	796
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	42
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SDNSKMP

<b>Name/CLI Keyword</b>	sdnskmp
<b>Full Name</b>	Secure Data Network System Key Management Protocol
<b>Description</b>	Secure Data Network System Key Management Protocol (SDNS-KMP) is a key management protocol for SDNS. SDNS implements computer to computer communications security for distributed applications. The key management section implements the exchange of credentials and the traffic encryption key attributes.
<b>Reference</b>	<a href="http://articles-abstracts.com/article.php?id=67588&amp;content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key">http://articles-abstracts.com/article.php?id=67588&amp;content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key</a>
<b>Global ID</b>	L4:558
<b>ID</b>	473
<b>Known Mappings</b>	
UDP Port	558
TCP Port	558
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SECONDLIFE

<b>Name/CLI Keyword</b>	secondlife
<b>Full Name</b>	Secondlife
<b>Description</b>	Second Life is an online virtual world developed by Linden Lab. There are a number of client programs or viewers that enable Second Life users to interact with each other through avatars.
<b>Reference</b>	<a href="http://secondlife.com/">http://secondlife.com/</a>
<b>Global ID</b>	L7:328
<b>ID</b>	1041
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# SECURE-FTP

<b>Name/CLI Keyword</b>	secure-ftp
<b>Full Name</b>	ftp protocol control over TLS/SSL
<b>Description</b>	FTPS (Secure FTP) is an extension to the commonly used File Transfer Protocol (FTP) that adds support for the Transport Layer Security (TLS) and the Secure Sockets Layer (SSL) cryptographic protocols.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/FTPS">http://en.wikipedia.org/wiki/FTPS</a>
<b>Global ID</b>	L4:990
<b>ID</b>	44
<b>Known Mappings</b>	
UDP Port	-
TCP Port	990
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SECURE-HTTP

<b>Name/CLI Keyword</b>	secure-http
<b>Full Name</b>	DEPRECATED, traffic will not match
<b>Description</b>	DEPRECATED: Secure Hypertext Transfer Protocol(S-HTTP) is a little-used alternative to the HTTPS URI scheme for encrypting web communications carried over HTTP.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2660">http://tools.ietf.org/html/rfc2660</a>
<b>Global ID</b>	L4:443
<b>ID</b>	16
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	-
IPv6 Support	-
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	Unassigned
<b>Encrypted</b>	Unassigned
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Unassigned
<b>Underlying Protocols</b>	-

# SECURE-IMAP

<b>Name/CLI Keyword</b>	secure-imap
<b>Full Name</b>	Internet Message Access Protocol over TLS/SSL
<b>Description</b>	Internet Message Access Protocol (IMAP)over TLS/SSL allows users to securely access their email servers and to receive and send emails. The protocol simulates local use when in fact it is a connection to a server.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2595">http://tools.ietf.org/html/rfc2595</a>
<b>Global ID</b>	L4:993
<b>ID</b>	18
<b>Known Mappings</b>	
UDP Port	-
TCP Port	993
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	imap-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SECURE-IRC

<b>Name/CLI Keyword</b>	secure-irc
<b>Full Name</b>	Secure IRC
<b>Description</b>	Registered with IANA on port 994 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:994
<b>ID</b>	20
<b>Known Mappings</b>	
UDP Port	994
TCP Port	994
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	irc-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## SECURE-LDAP

<b>Name/CLI Keyword</b>	secure-ldap
<b>Full Name</b>	ldap protocol over TLS
<b>Description</b>	The Lightweight Directory Access Protocol (LDAP) is used to read from and write to Active Directory. By default, LDAP traffic is transmitted unsecured. You can make LDAP traffic confidential and secure by using Secure Sockets Layer (SSL) / Transport Layer Security (TLS) technology. You can enable LDAP over SSL (LDAPS) by installing a properly formatted certificate from either a Microsoft certification authority (CA) or a non-Microsoft CA.
<b>Reference</b>	<a href="http://support.microsoft.com/kb/321051">http://support.microsoft.com/kb/321051</a>
<b>Global ID</b>	L4:636
<b>ID</b>	24
<b>Known Mappings</b>	
UDP Port	-
TCP Port	636
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ldap-group
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SECURE-NNTP

<b>Name/CLI Keyword</b>	secure-nntp
<b>Full Name</b>	Secure Network News Transfer Protocol
<b>Description</b>	Secure Network News Transfer Protocol (SNNTP) is Network News Transfer Protocol (NNTP) over Transport Layer Security (TLS). NNTP is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3977">http://tools.ietf.org/html/rfc3977</a>
<b>Global ID</b>	L4:563
<b>ID</b>	29
<b>Known Mappings</b>	
UDP Port	-
TCP Port	563
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	nntp-group
<b>Category</b>	newsgroup
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy



## SECURE-POP3

<b>Name/CLI Keyword</b>	secure-pop3
<b>Full Name</b>	Post Office Protocol 3 over TLS
<b>Description</b>	Secure Post Office Protocol 3 is an application-layer Internet standard over TLS/SSL protocol used by local e-mail clients to securely retrieve e-mail from a remote server over a TCP/IP connection.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2595">http://tools.ietf.org/html/rfc2595</a>
<b>Global ID</b>	L4:995
<b>ID</b>	34
<b>Known Mappings</b>	
UDP Port	-
TCP Port	995
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	pop3-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SECURE-SMTP

<b>Name/CLI Keyword</b>	secure-smtp
<b>Full Name</b>	Secure Simple Mail Transfer Protocol
<b>Description</b>	Simple Mail Transfer Protocol (SMTP) is an Internet standard for electronic mail transmission across networks. SMTPS refers to a method for securing SMTP with transport layer security, typically works on TCP port 461.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/SMTPS">http://en.wikipedia.org/wiki/SMTPS</a>
<b>Global ID</b>	L7:568
<b>ID</b>	1507
<b>Known Mappings</b>	
UDP Port	-
TCP Port	465
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	smtp-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SECURE-TELNET

<b>Name/CLI Keyword</b>	secure-telnet
<b>Full Name</b>	telnet protocol over TLS
<b>Description</b>	Secure Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a the Transport Layer Security (TLS) protocol. Telnet participants can decide whether or not to attempt TLS negotiation, and how the two participants should process authentication credentials exchanged as a part of TLS startup.
<b>Reference</b>	<a href="http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt">http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt</a>
<b>Global ID</b>	L4:992
<b>ID</b>	43
<b>Known Mappings</b>	
UDP Port	992
TCP Port	992
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

## SECURE-VMTP

<b>Name/CLI Keyword</b>	secure-vmtp
<b>Full Name</b>	Versatile Message Transaction Protocol
<b>Description</b>	Versatile Message Transaction Protocol (VMTP) is a transport protocol specifically designed to support the transaction model of communication, as exemplified by remote procedure call (RPC). The full function of VMTP, including support for security, real-time, asynchronous message exchanges, streaming, multicast and idempotency, provides a rich selection to the VMTP user level.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1045">http://tools.ietf.org/html/rfc1045</a>
<b>Global ID</b>	L3:82
<b>ID</b>	836
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	82
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SEMANTIX

<b>Name/CLI Keyword</b>	semantix
<b>Full Name</b>	Semantix
<b>Description</b>	Registered with IANA on port 361 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:361
<b>ID</b>	277
<b>Known Mappings</b>	
UDP Port	361
TCP Port	361
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SEND

<b>Name/CLI Keyword</b>	send
<b>Full Name</b>	Secure Neighbor Discovery
<b>Description</b>	The SEcure Neighbor Discovery (SEND) protocol is a security extension of the Neighbor Discovery Protocol (NDP) in IPv6. The Neighbor Discovery Protocol (NDP) is responsible in IPv6 for discovery of other network nodes on the local link, to determine the link layer addresses of other nodes, and to find available routers, and maintain reachability information about the paths to other active neighbor nodes.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3971.txt">http://www.ietf.org/rfc/rfc3971.txt</a>
<b>Global ID</b>	L4:169
<b>ID</b>	1014
<b>Known Mappings</b>	
UDP Port	169
TCP Port	169
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SERVER-IPX

<b>Name/CLI Keyword</b>	server-ipx
<b>Full Name</b>	Internetwork Packet Exchange Protocol
<b>Description</b>	Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. IPX and SPX are networking protocols used primarily on networks using the Novell NetWare operating systems.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1132">http://tools.ietf.org/html/rfc1132</a>
<b>Global ID</b>	L4:213
<b>ID</b>	108
<b>Known Mappings</b>	
UDP Port	213
TCP Port	213
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SERVSTAT

<b>Name/CLI Keyword</b>	servstat
<b>Full Name</b>	Service Status update
<b>Description</b>	Registered with IANA on port 633 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:633
<b>ID</b>	542
<b>Known Mappings</b>	
UDP Port	633
TCP Port	633
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SET

<b>Name/CLI Keyword</b>	set
<b>Full Name</b>	Secure Electronic Transaction
<b>Description</b>	Secure Electronic Transaction (SET) was a standard protocol for securing credit card transactions over insecure networks, specifically, the Internet. SET was not itself a payment system, but rather a set of security protocols and formats that enable users to employ the existing credit card payment infrastructure on an open network in a secure fashion.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Secure_Electronic_Transaction">http://en.wikipedia.org/wiki/Secure_Electronic_Transaction</a>
<b>Global ID</b>	L4:257
<b>ID</b>	1129
<b>Known Mappings</b>	
UDP Port	257
TCP Port	257
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SFLOW

<b>Name/CLI Keyword</b>	sflow
<b>Full Name</b>	Sflow Traffic Monitoring
<b>Description</b>	sFlow is a technology for monitoring network, wireless, and host devices.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/SFlow">http://en.wikipedia.org/wiki/SFlow</a>
<b>Global ID</b>	L4:6343
<b>ID</b>	1364
<b>Known Mappings</b>	
UDP Port	6343
TCP Port	6343
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SFS-CONFIG

<b>Name/CLI Keyword</b>	sfs-config
<b>Full Name</b>	Cray SFS config server
<b>Description</b>	SFS config server is part of the Shared File Systems (SFS) is a high performance, HIPPI-based common file system which is shared among CRI UNICOS systems only.
<b>Reference</b>	<a href="https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF">https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF</a>
<b>Global ID</b>	L4:452
<b>ID</b>	367
<b>Known Mappings</b>	
UDP Port	452
TCP Port	452
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SFS-SMP-NET

<b>Name/CLI Keyword</b>	sfs-smp-net
<b>Full Name</b>	Cray Network Semaphore server
<b>Description</b>	Registered with IANA on port 451 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:451
<b>ID</b>	366
<b>Known Mappings</b>	
UDP Port	451
TCP Port	451
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SFTP

<b>Name/CLI Keyword</b>	sftp
<b>Full Name</b>	Simple File Transfer Protocol
<b>Description</b>	Simple File Transfer Protocol (SFTP), was proposed as an unsecured file transfer protocol with a level of complexity intermediate between TFTP and FTP. SFTP supports user access control, file transfers, directory listing, directory changing, file renaming and deleting.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc913.txt">http://www.ietf.org/rfc/rfc913.txt</a>
<b>Global ID</b>	L4:115
<b>ID</b>	985
<b>Known Mappings</b>	
UDP Port	115
TCP Port	115
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SGCP

<b>Name/CLI Keyword</b>	sgcp
<b>Full Name</b>	sgcp
<b>Description</b>	sgcp, Registered with IANA on port 440 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:440
<b>ID</b>	355
<b>Known Mappings</b>	
UDP Port	440
TCP Port	440
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SGMP

<b>Name/CLI Keyword</b>	sgmp
<b>Full Name</b>	Simple Gateway Monitoring Protocol
<b>Description</b>	Simple Gateway Monitoring Protocol (SGMP) allows commands to be issued to application protocol entities to set or retrieve values (integer or octet string types) for use in monitoring the gateways on which the application protocol entities reside. Messages are exchanged using UDP and utilize unreliable transport methods.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1028.txt">http://www.ietf.org/rfc/rfc1028.txt</a>
<b>Global ID</b>	L4:153
<b>ID</b>	1000
<b>Known Mappings</b>	
UDP Port	153
TCP Port	153
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SGMP-TRAPS

<b>Name/CLI Keyword</b>	sgmp-traps
<b>Full Name</b>	SGMP-TRAPS
<b>Description</b>	SGMP-TRAPS, Registered with IANA on port 160 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:160
<b>ID</b>	1006
<b>Known Mappings</b>	
UDP Port	160
TCP Port	160
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SHARE

<b>Name/CLI Keyword</b>	share
<b>Full Name</b>	Share
<b>Description</b>	Share is a closed-source P2P application being developed in Japan by an anonymous author. It was developed as the successor of Winny and focuses on higher security. Share uses encrypted caches, file names and IP addresses, and is based on node-organized architecture.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Share_%28P2P%29">http://en.wikipedia.org/wiki/Share_%28P2P%29</a>
<b>Global ID</b>	L7:576
<b>ID</b>	1515
<b>Known Mappings</b>	
UDP Port	-
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SHARE-POINT

<b>Name/CLI Keyword</b>	share-point
<b>Full Name</b>	SharePoint
<b>Description</b>	Microsoft SharePoint is a web application platform (based on HTTP) developed by Microsoft. SharePoint is mainly used for web content management and document management systems, but it is actually a much broader platform of web technologies, and can be used for host web sites, access shared workspaces and documents, as well as specialized applications such as wikis and blogs, from within a browser.
<b>Reference</b>	<a href="http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx">http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx</a>
<b>Global ID</b>	L7:488
<b>ID</b>	1417
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	rich-media-http-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# SHELL

<b>Name/CLI Keyword</b>	shell
<b>Full Name</b>	shell
<b>Description</b>	SHELL is a UNIX protocol which allows user to connect to a shell and to execute commands remotely on another machine. It doesn't require a password if the hostname - username combination is listed in the .rhosts file of the remote user.
<b>Reference</b>	<a href="http://www.bell-labs.com/history/unix/tutorial.html">http://www.bell-labs.com/history/unix/tutorial.html</a>
<b>Global ID</b>	L4:514
<b>ID</b>	430
<b>Known Mappings</b>	
UDP Port	
TCP Port	514
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SHOCKWAVE

<b>Name/CLI Keyword</b>	shockwave
<b>Full Name</b>	Adobe Shockwave
<b>Description</b>	Adobe Shockwave (formerly Macromedia Shockwave) is a multimedia platform used to add animation and interactivity to web pages. It allows Adobe Director applications to be published on the Internet and viewed in a web browser on any computer which has the Shockwave plug-in installed.
<b>Reference</b>	<a href="http://www.adobe.com/products/shockwaveplayer/">http://www.adobe.com/products/shockwaveplayer/</a>
<b>Global ID</b>	L4:1626
<b>ID</b>	707
<b>Known Mappings</b>	
UDP Port	1626
TCP Port	1626
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	enterprise-rich-media-content
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SHOUTCAST

<b>Name/CLI Keyword</b>	shoutcast
<b>Full Name</b>	SHOUTcast Internet Radio
<b>Description</b>	SHOUTcast is cross-platform proprietary software for streaming media over the Internet. The software, developed by Nullsoft (purchased by AOL on June 1, 1999) allows digital audio content, primarily in MP3 or HE-AAC format, to be broadcast to and from media player software, enabling the creation of Internet radio stations. SHOUTcast Radio is a related website which provides a directory of SHOUTcast stations. The SHOUTcast protocol supports the traffic of listening to a radio channel on different platforms. The traffic of broadcasting a radio channel is not included.
<b>Reference</b>	<a href="http://www.shoutcast.com/">http://www.shoutcast.com/</a>
<b>Global ID</b>	L7:544
<b>ID</b>	1478
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# SHOWMYPC

<b>Name/CLI Keyword</b>	showmypc
<b>Full Name</b>	showmypc
<b>Description</b>	Showmypc is a PC remote control software that enables users to access their target PCs remotely. It provides remote PC access solutions that can manage anywhere from one to 50 PCs.
<b>Reference</b>	<a href="http://www.showmypc.com">http://www.showmypc.com</a>
<b>Global ID</b>	L7:534
<b>ID</b>	1468
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	rtmp,ssl,spdy,http

# SHRINKWRAP

<b>Name/CLI Keyword</b>	shrinkwrap
<b>Full Name</b>	Shrinkwrap
<b>Description</b>	Registered with IANA on port 358 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:358
<b>ID</b>	274
<b>Known Mappings</b>	
UDP Port	358
TCP Port	358
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SIAM

<b>Name/CLI Keyword</b>	siam
<b>Full Name</b>	Siam
<b>Description</b>	Registered with IANA on port 498 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:498
<b>ID</b>	412
<b>Known Mappings</b>	
UDP Port	498
TCP Port	498
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SIFT-UFT

<b>Name/CLI Keyword</b>	sift-uft
<b>Full Name</b>	Sender-Initiated/Unsolicited File Transfer
<b>Description</b>	Sender-Initiated File Transfer (SIFT) protocol, also commonly called Unsolicited File Transfer (UFT) protocol is a file transfer protocol. It's method contrasts with other file transfer methods in that the sender need not have an account or any registration on the target host system, and the receiving user may have less steps to take to retrieve the file(s) sent. Unlike traditional file transfer, UFT lends itself handily to background ordefferred operation, though it may be carried out immediately, eveninteractively.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1440">http://tools.ietf.org/html/rfc1440</a>
<b>Global ID</b>	L4:608
<b>ID</b>	517
<b>Known Mappings</b>	
UDP Port	608
TCP Port	608
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SILC

<b>Name/CLI Keyword</b>	silc
<b>Full Name</b>	Secure Internet Live Conferencing
<b>Description</b>	Secure Internet Live Conferencing (SILC) is a protocol that provides secure synchronous conferencing services (very much like IRC) over the Internet.
<b>Reference</b>	<a href="http://www.silcnet.org/">http://www.silcnet.org/</a>
<b>Global ID</b>	L4:706
<b>ID</b>	610
<b>Known Mappings</b>	
UDP Port	706
TCP Port	706
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SIP

<b>Name/CLI Keyword</b>	sip
<b>Full Name</b>	Session Initiation Protocol
<b>Description</b>	Session Initiation Protocol is a text-based control protocol used for VoIP communications, Instant Messaging, presence information, file transfer and online games. It can be used for creating, modifying and terminating VoIP sessions through signaling.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3261.txt">http://www.ietf.org/rfc/rfc3261.txt</a>
<b>Global ID</b>	L4:5060
<b>ID</b>	65
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478,5060
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat

# SIP-TLS

<b>Name/CLI Keyword</b>	sip-tls
<b>Full Name</b>	Secure SIP
<b>Description</b>	Session Initiation Protocol- Transport Later Security (SIP-TLS) is an encrypted SIP traffic tunneled in SSL. This scheme of SIP is sometimes known as SIPS. SIPS uses port number of 5061 for communication.
<b>Reference</b>	<a href="http://www.privatewave.com/pages/viewpage.action?pageId=5406766">http://www.privatewave.com/pages/viewpage.action?pageId=5406766</a>
<b>Global ID</b>	L4:5061
<b>ID</b>	1428
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SITARADIR

<b>Name/CLI Keyword</b>	sitaradir
<b>Full Name</b>	Sitara Dir
<b>Description</b>	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
<b>Reference</b>	<a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>
<b>Global ID</b>	L4:2631
<b>ID</b>	710
<b>Known Mappings</b>	
UDP Port	2631
TCP Port	2631
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SITARAMGMT

<b>Name/CLI Keyword</b>	sitarangmt
<b>Full Name</b>	Sitara Management
<b>Description</b>	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
<b>Reference</b>	<a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>
<b>Global ID</b>	L4:2630
<b>ID</b>	709
<b>Known Mappings</b>	
UDP Port	2630
TCP Port	2630
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SITARASERVER

<b>Name/CLI Keyword</b>	sitaraserver
<b>Full Name</b>	Sitara Server
<b>Description</b>	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
<b>Reference</b>	<a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>
<b>Global ID</b>	L4:2629
<b>ID</b>	708
<b>Known Mappings</b>	
UDP Port	2629
TCP Port	2629
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## SIXTOFOUR-IPV6-TUNNELED

<b>Name/CLI Keyword</b>	sixtofour-ipv6-tunneled
<b>Full Name</b>	Sixtofour IPv6 Tunneled
<b>Description</b>	6to4 is an Internet transition mechanism for migrating from IPv4 to IPv6, a system that allows IPv6 packets to be transmitted over an IPv4 network (generally the IPv4 Internet) without the need to configure explicit tunnels. Special relay servers are also in place that allow 6to4 networks to communicate with native IPv6 networks.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3056">http://tools.ietf.org/html/rfc3056</a>
<b>Global ID</b>	L7:330
<b>ID</b>	1223
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# SKINNY

<b>Name/CLI Keyword</b>	skinny
<b>Full Name</b>	Skinny Call Control Protocol
<b>Description</b>	Skinny Client Control Protocol (SCCP) is a network control protocol over Cisco's Ethernet telephones. SCCP, also known as Skinny, uses TCP/IP connections for calls and RTP for audio transfer between Skinny clients or H.323 terminals.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html">http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html</a>
<b>Global ID</b>	L7:63
<b>ID</b>	63
<b>Known Mappings</b>	
UDP Port	
TCP Port	2000,2001,2002
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SKIP

<b>Name/CLI Keyword</b>	skip
<b>Full Name</b>	Simple Key-Management for Internet Protocol
<b>Description</b>	Simple Key-Management for Internet Protocol (SKIP) is a protocol developed for the sharing of encryption keys. SKIP was evaluated as a key exchange mechanism for IPsec before the adoption of IKE in 1998.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol">http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol</a>
<b>Global ID</b>	L3:57
<b>ID</b>	811
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	57
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SKRONK

<b>Name/CLI Keyword</b>	skronk
<b>Full Name</b>	Skronk
<b>Description</b>	Registered with IANA on port 460 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:460
<b>ID</b>	374
<b>Known Mappings</b>	
UDP Port	460
TCP Port	460
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SKYDRIVE

<b>Name/CLI Keyword</b>	skydrive
<b>Full Name</b>	Microsoft SkyDrive
<b>Description</b>	Microsoft SkyDrive is a file hosting service that allows users to upload and sync files to a cloud storage and then access them from a web browser or a mobile application.
<b>Reference</b>	<a href="http://windows.microsoft.com/en-us/skydrive/download">http://windows.microsoft.com/en-us/skydrive/download</a>
<b>Global ID</b>	L7:562
<b>ID</b>	1499
<b>Known Mappings</b>	
UDP Port	-
TCP Port	443,80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	ms-cloud-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# SKYPE

<b>Name/CLI Keyword</b>	skype
<b>Full Name</b>	Skype
<b>Description</b>	Skype software uses a proprietary Internet telephony (VoIP) network called the Skype protocol. Part of the Skype technology relies on the Global Index peer-to-peer protocol belonging to the Joltid Ltd. corporation. Skype is software that contains several features such as telephone calls over the Internet, instant messaging, file transfer and video conferencing.
<b>Reference</b>	<a href="http://www.skype.com">http://www.skype.com</a>
<b>Global ID</b>	L7:83
<b>ID</b>	83
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	skype-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# SLING

<b>Name/CLI Keyword</b>	sling
<b>Full Name</b>	Sling
<b>Description</b>	Sling is a protocol used for the Slingbox TV streaming device. It works with a broadband internet connection over HTTP.
<b>Reference</b>	<a href="http://www.slingbox.com/">http://www.slingbox.com/</a>
<b>Global ID</b>	L7:440
<b>ID</b>	892
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# SM

<b>Name/CLI Keyword</b>	sm
<b>Full Name</b>	SM
<b>Description</b>	Registered with IANA as IP Protocol 122
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:122
<b>ID</b>	876
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	122
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMAKYNET

<b>Name/CLI Keyword</b>	smakynet
<b>Full Name</b>	SMAKYNET
<b>Description</b>	Registered with IANA on port 122 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:122
<b>ID</b>	991
<b>Known Mappings</b>	
UDP Port	122
TCP Port	122
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SMARTPACKETS

<b>Name/CLI Keyword</b>	smartpackets
<b>Full Name</b>	EMC SmartPackets
<b>Description</b>	Registered with IANA on port 3218 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:3218
<b>ID</b>	1342
<b>Known Mappings</b>	
UDP Port	3218
TCP Port	3218
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMARTSDP

<b>Name/CLI Keyword</b>	smartsdp
<b>Full Name</b>	smartsdp
<b>Description</b>	Registered with IANA on port 426 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:426
<b>ID</b>	341
<b>Known Mappings</b>	
UDP Port	426
TCP Port	426
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMP

<b>Name/CLI Keyword</b>	smp
<b>Full Name</b>	Simple Message Protocol
<b>Description</b>	The Simple Message Protocol (SMP) is intended to be used to implement thread-to-thread messaging locally or over the Internet, in a reliable and secure communication.
<b>Reference</b>	<a href="http://rdos.net/smp/smp.txt">http://rdos.net/smp/smp.txt</a>
<b>Global ID</b>	L3:121
<b>ID</b>	875
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	121
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMPNAMERES

<b>Name/CLI Keyword</b>	smpnameres
<b>Full Name</b>	smpnameres
<b>Description</b>	Registered with IANA on port 901 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:901
<b>ID</b>	664
<b>Known Mappings</b>	
UDP Port	901
TCP Port	901
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMSD

<b>Name/CLI Keyword</b>	smsd
<b>Full Name</b>	smsd
<b>Description</b>	The SysMan Station is a client-server application consisting of a daemon (smsd) and the SysMan Station graphical user interface (sysman station). The SysMan Station provides the ability to monitor and manage a single system or a TruCluster system. The smsd server is responsible for gathering system management data from the host and presenting that information to the SysMan Station client.
<b>Reference</b>	<a href="http://30097.www3.hp.com/docbase_docDOCUMENTATIONV51B_HTMLMANMAN80252__HTM">http://30097.www3.hp.com/docbase_docDOCUMENTATIONV51B_HTMLMANMAN80252__HTM</a>
<b>Global ID</b>	L4:596
<b>ID</b>	510
<b>Known Mappings</b>	
UDP Port	596
TCP Port	596
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMSP

<b>Name/CLI Keyword</b>	smsp
<b>Full Name</b>	Storage Management Services Protocol
<b>Description</b>	Registered with IANA on port 413 UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:413
<b>ID</b>	328
<b>Known Mappings</b>	
UDP Port	413
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SMTP

<b>Name/CLI Keyword</b>	smtp
<b>Full Name</b>	Simple Mail Transfer Protocol
<b>Description</b>	Simple Mail Transfer Protocol (SMTP) is used for sending email messages between servers. Most e-mail systems that send mail over the internet use SMTP to send messages from one server to another; the messages can then be retrieved with an email client using either POP or IMAP protocols. In addition, SMTP is also used to send messages from a mail client to a mail server
<b>Reference</b>	<a href="http://james.apache.org/server/rfclist/smtp/rfc0821.txt">http://james.apache.org/server/rfclist/smtp/rfc0821.txt</a>
<b>Global ID</b>	L4:25
<b>ID</b>	71
<b>Known Mappings</b>	
UDP Port	25,587
TCP Port	25,587
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	smtp-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ftp

# SMUX

<b>Name/CLI Keyword</b>	smux
<b>Full Name</b>	SNMP Multiplexing
<b>Description</b>	SNMP multiplexing (SMUX) is a computer networking protocol used in implementing the Simple Network Management Protocol (SNMP). It defines communications between the SNMP Agent and other processes.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1227.txt">http://www.ietf.org/rfc/rfc1227.txt</a>
<b>Global ID</b>	L4:199
<b>ID</b>	1097
<b>Known Mappings</b>	
UDP Port	199
TCP Port	199
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SNAGAS

<b>Name/CLI Keyword</b>	snagas
<b>Full Name</b>	SNA Gateway Access Server
<b>Description</b>	Gateway Access Server (GAS) is part of Systems Network Architecture (SNA), IBM's proprietary networking architecture. It is a complete protocol stack for interconnecting computers and their resources.
<b>Reference</b>	<a href="http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm">http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm</a>
<b>Global ID</b>	L4:108
<b>ID</b>	979
<b>Known Mappings</b>	
UDP Port	108
TCP Port	108
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SNARE

<b>Name/CLI Keyword</b>	snare
<b>Full Name</b>	System iNtrusion Analysis and Reporting Environment
<b>Description</b>	System iNtrusion Analysis and Reporting Environment (SNARE) is a group of open-source agents, and a commercial server, used to collect audit log data from a variety of operating systems and applications to facilitate centralised log analysis. Agents are available for Linux, Windows, Solaris, IIS, Lotus Notes, Irix, AIX, ISA and more.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Snare_(software)">http://en.wikipedia.org/wiki/Snare_(software)</a>
<b>Global ID</b>	L4:509
<b>ID</b>	423
<b>Known Mappings</b>	
UDP Port	509
TCP Port	509
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# S-NET

<b>Name/CLI Keyword</b>	s-net
<b>Full Name</b>	Sirius Systems
<b>Description</b>	Sirius Systems Software is a software for business needs. It provides business solutions for customers along with mobile devices support, connecting offices together, and ceating new customer database. It also provides remote monitoring and and email protection service.
<b>Reference</b>	<a href="http://www.siriussystems.net/">http://www.siriussystems.net/</a>
<b>Global ID</b>	L4:166
<b>ID</b>	1011
<b>Known Mappings</b>	
UDP Port	166
TCP Port	166
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SNMP

<b>Name/CLI Keyword</b>	snmp
<b>Full Name</b>	Simple Network Management Protocol
<b>Description</b>	Simple Network Management Protocol (SNMP) is a protocol used for a TCP/IP network management. It collects data about the network entities and distributes it among them. Typically the protocol uses TCP/UDP ports 161-162.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1157.txt">http://www.ietf.org/rfc/rfc1157.txt</a>
<b>Global ID</b>	L4:161
<b>ID</b>	38
<b>Known Mappings</b>	
UDP Port	161,162
TCP Port	161,162
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	snmp-group
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SNP

<b>Name/CLI Keyword</b>	snp
<b>Full Name</b>	Sitara Network Protocol
<b>Description</b>	The Sitara Network Protocol (SNP) is a network control protocol that adds end-to-end intelligence to IP networks. It allows features such as quality of service control and load balance.
<b>Reference</b>	<a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>
<b>Global ID</b>	L3:109
<b>ID</b>	863
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	109
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SNPP

<b>Name/CLI Keyword</b>	snpp
<b>Full Name</b>	Simple Network Paging Protocol
<b>Description</b>	Simple Network Paging Protocol (SNPP) is a protocol that defines a method by which a pager can receive a message over the Internet. It is supported by most major paging providers, and serves as an alternative to the paging modems used by many telecommunications services.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1861.txt">http://www.ietf.org/rfc/rfc1861.txt</a>
<b>Global ID</b>	L4:444
<b>ID</b>	359
<b>Known Mappings</b>	
UDP Port	444
TCP Port	444
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SNTP-HEARTBEAT

<b>Name/CLI Keyword</b>	sntp-heartbeat
<b>Full Name</b>	Simple Network Time Protocol Heartbeat
<b>Description</b>	Simple Network Time Protocol Heartbeat (SNTP-HEARTBEAT) is used to provide a multicast heartbeat in a network. It can be used by network operators as well as application developers to alert themselves to losses of multicast connectivity in portions of the network.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00">http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00</a>
<b>Global ID</b>	L4:580
<b>ID</b>	494
<b>Known Mappings</b>	
UDP Port	580
TCP Port	580
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SOCKS

<b>Name/CLI Keyword</b>	socks
<b>Full Name</b>	SOCKS
<b>Description</b>	SOCKET Secure (SOCKS) is an Internet protocol that facilitates the routing of network packets between client server applications via a proxy server.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1928.txt">http://www.ietf.org/rfc/rfc1928.txt</a>
<b>Global ID</b>	L4:1080
<b>ID</b>	39
<b>Known Mappings</b>	
UDP Port	1080
TCP Port	1080
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# SOFTPC

<b>Name/CLI Keyword</b>	softpc
<b>Full Name</b>	SoftPC
<b>Description</b>	SoftPC is a software emulator of x86 hardware by Insignia that runs MS-DOS on UNIX workstations and Windows on MAC OS.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/SoftPC">http://en.wikipedia.org/wiki/SoftPC</a>
<b>Global ID</b>	L4:215
<b>ID</b>	1112
<b>Known Mappings</b>	
UDP Port	215
TCP Port	215
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## SOFTROS-MESSENGER-FT

<b>Name/CLI Keyword</b>	softros-messenger-ft
<b>Full Name</b>	Softros LAN Messenger and File Transfer
<b>Description</b>	Softros LAN Messenger is a secure serverless instant messaging program for user-to-user or user-to-group message and file exchange through a network (LAN, WAN, VPN). Softros Messenger FT is the file transfer protocol of the Softros LAM Messenger.
<b>Reference</b>	<a href="http://messenger.softros.com">http://messenger.softros.com</a>
<b>Global ID</b>	L4:19880
<b>ID</b>	1365
<b>Known Mappings</b>	
UDP Port	
TCP Port	19880
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	file-sharing
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SONAR

<b>Name/CLI Keyword</b>	sonar
<b>Full Name</b>	Sonar
<b>Description</b>	Sonar is a service designed to allow the availability of network-accessible resources to a world wide audience by providing several copies (or mirrors) of those resources at multiple locations.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-moore-sonar-01">http://tools.ietf.org/html/draft-moore-sonar-01</a>
<b>Global ID</b>	L4:572
<b>ID</b>	486
<b>Known Mappings</b>	
UDP Port	572
TCP Port	572
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SONGSARI

<b>Name/CLI Keyword</b>	songsari
<b>Full Name</b>	Songsari
<b>Description</b>	Songsari is a commercial media distribution website popular in south Korea. Users registered to the website can download media files such as video and audio.
<b>Reference</b>	<a href="http://www.songsari.com/">http://www.songsari.com/</a>
<b>Global ID</b>	L7:450
<b>ID</b>	1094
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	file-sharing
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# SOPCAST

<b>Name/CLI Keyword</b>	sopcast
<b>Full Name</b>	SopCast
<b>Description</b>	SopCast is a simple, free way to broadcast or watch video and audio on the Internet. It uses Peer to Peer (P2P) technology that enables anyone become a broadcaster without requiring a powerful server or vast bandwidth.
<b>Reference</b>	<a href="http://www.sopcast.org/">http://www.sopcast.org/</a>
<b>Global ID</b>	L7:429
<b>ID</b>	116
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic

# SORIBADA

<b>Name/CLI Keyword</b>	soribada
<b>Full Name</b>	Soribada
<b>Description</b>	The Soribada protocol is used by the Soribada file-sharing application popular in Korea. It also has paid services for MP3 file downloading.
<b>Reference</b>	<a href="http://kpop.soribada.com/En/">http://kpop.soribada.com/En/</a>
<b>Global ID</b>	L7:438
<b>ID</b>	842
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	file-sharing
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# SOULSEEK

<b>Name/CLI Keyword</b>	soulseek
<b>Full Name</b>	Soulseek
<b>Description</b>	SoulSeek is a peer to peer file sharing application. It has its own network that is also named Soulseek. The application is based on the Windows platform. The browsing for downloads is done by users with folder trees.
<b>Reference</b>	<a href="http://www.slsknet.org/">http://www.slsknet.org/</a>
<b>Global ID</b>	L7:267
<b>ID</b>	431
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SPDY

<b>Name/CLI Keyword</b>	spdy
<b>Full Name</b>	SPDY
<b>Description</b>	SPDY (pronounced speedy) is an open networking protocol developed primarily at Google for transporting web content. SPDY is similar to HTTP, with particular goals to reduce web page load latency and improve web security. SPDY achieves reduced latency through compression, multiplexing, and prioritization. The name "SPDY" is a trademark of Google.
<b>Reference</b>	<a href="http://dev.chromium.org/spdy">http://dev.chromium.org/spdy</a>
<b>Global ID</b>	L7:541
<b>ID</b>	1474
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	ssl



# SPMP

<b>Name/CLI Keyword</b>	spmp
<b>Full Name</b>	SPMP
<b>Description</b>	Registered with IANA on port 656 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:656
<b>ID</b>	565
<b>Known Mappings</b>	
UDP Port	656
TCP Port	656
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SPRITE-RPC

<b>Name/CLI Keyword</b>	sprite-rpc
<b>Full Name</b>	Sprite RPC Protocol
<b>Description</b>	The Sprite operating system is designed for a set of cooperating hosts that communicate over a network, If a service is not implemented locally, the local Sprite kernel uses remote procedure call (RPC) to call a service procedure on a remote server machine.
<b>Reference</b>	<a href="http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf">http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf</a>
<b>Global ID</b>	L3:90
<b>ID</b>	844
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	90
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SPS

<b>Name/CLI Keyword</b>	sps
<b>Full Name</b>	Secure Packet Shield
<b>Description</b>	Secure Packet Shield (SPS) is an internet security protocol designed in 1998 for use in Fortress Technologies products as an alternative to IPSEC.
<b>Reference</b>	<a href="http://www.infocentral.com/Secure-Packet-Shield-Technology-Provides-More-Robust-Alternative-to-IPSEC-6026191">http://www.infocentral.com/Secure-Packet-Shield-Technology-Provides-More-Robust-Alternative-to-IPSEC-6026191</a>
<b>Global ID</b>	L3:130
<b>ID</b>	1228
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	130
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SPSC

<b>Name/CLI Keyword</b>	spsc
<b>Full Name</b>	spsc
<b>Description</b>	Registered with IANA on port 478 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:478
<b>ID</b>	392
<b>Known Mappings</b>	
UDP Port	478
TCP Port	478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SOLEXEC

<b>Name/CLI Keyword</b>	sqlxec
<b>Full Name</b>	IBM Informix SQL Interface
<b>Description</b>	IBM Informix SQL is a database application development system that features a suite of application development tools for small and large database applications. The Informix SQL suite includes a schema editor, menu builder, SQL editor, forms builder, and report writer.
<b>Reference</b>	<a href="http://www-01.ibm.com/software/data/informix/tools/isql/">http://www-01.ibm.com/software/data/informix/tools/isql/</a>
<b>Global ID</b>	L4:9088
<b>ID</b>	90
<b>Known Mappings</b>	
UDP Port	9088
TCP Port	9088
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SQLNET

<b>Name/CLI Keyword</b>	sqlnet
<b>Full Name</b>	SQLNet
<b>Description</b>	SQL*NET is a client-server middleware used to transfer information between databases and between database to clients.
<b>Reference</b>	<a href="http://www.orafaq.com/wiki/SQL*Net">http://www.orafaq.com/wiki/SQL*Net</a>
<b>Global ID</b>	L4:1700
<b>ID</b>	51
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SQL-NET

<b>Name/CLI Keyword</b>	sql-net
<b>Full Name</b>	SQL-NET
<b>Description</b>	SQL*Net (or Net8) is a networking software developed by Oracle. It allows remote data-access between programs and the Oracle Database.
<b>Reference</b>	<a href="http://www.orafaq.com/wiki/SQL*Net">http://www.orafaq.com/wiki/SQL*Net</a>
<b>Global ID</b>	L4:150
<b>ID</b>	978
<b>Known Mappings</b>	
UDP Port	150
TCP Port	150
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SQLSERV

<b>Name/CLI Keyword</b>	sqlserv
<b>Full Name</b>	REAL SQL Server
<b>Description</b>	REAL Serveris arelational database management system(RDBMS) built on top of the sqlite database engine.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/REAL_Server">http://en.wikipedia.org/wiki/REAL_Server</a>
<b>Global ID</b>	L4:118
<b>ID</b>	988
<b>Known Mappings</b>	
UDP Port	118
TCP Port	118
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SQLSERVER

<b>Name/CLI Keyword</b>	sqlserver
<b>Full Name</b>	Microsoft SQL Server
<b>Description</b>	Microsoft SQL Server is a relational database server, developed by Microsoft. It is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/sqlserver/default">http://technet.microsoft.com/en-us/sqlserver/default</a>
<b>Global ID</b>	L4:1433
<b>ID</b>	25
<b>Known Mappings</b>	
UDP Port	1433
TCP Port	1433
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	cifs

# SQLSRV

<b>Name/CLI Keyword</b>	sqlsrv
<b>Full Name</b>	SQL Service
<b>Description</b>	Registered with IANA on port 156 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:156
<b>ID</b>	684
<b>Known Mappings</b>	
UDP Port	156
TCP Port	156
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SRC

<b>Name/CLI Keyword</b>	src
<b>Full Name</b>	IBM System Resource Controller
<b>Description</b>	The System Resource Controller (SRC) provides a set of commands and subroutines to make it easier for the system manager and programmer to create and control subsystems.
<b>Reference</b>	<a href="http://cblm.com/infocenter/cblm/isp/tpic-%2Fcombibasedm/%2Fc/%2Fbasadm/%2Fysrc.htm">http://cblm.com/infocenter/cblm/isp/tpic-%2Fcombibasedm/%2Fc/%2Fbasadm/%2Fysrc.htm</a>
<b>Global ID</b>	L4:200
<b>ID</b>	1098
<b>Known Mappings</b>	
UDP Port	200
TCP Port	200
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SRMP

<b>Name/CLI Keyword</b>	srmp
<b>Full Name</b>	Spider Remote Monitoring Protocol
<b>Description</b>	Registered with IANA on port 193 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:193
<b>ID</b>	1039
<b>Known Mappings</b>	
UDP Port	193
TCP Port	193
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SRP

<b>Name/CLI Keyword</b>	srp
<b>Full Name</b>	SpectraLink Radio Protocol
<b>Description</b>	SpectraLink Radio Protocol (SRP) is a proprietary protocol used in conjunction with SpectraLink Voice Priority (SVP) in SpectraLink NetLink telephones for all communications among themselves and other pieces of SpectraLink VoWLAN infrastructures.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml">http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml</a>
<b>Global ID</b>	L3:119
<b>ID</b>	873
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	119
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SRSSEND

<b>Name/CLI Keyword</b>	srsrend
<b>Full Name</b>	SRS Send
<b>Description</b>	Registered with IANA on port 362 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:362
<b>ID</b>	278
<b>Known Mappings</b>	
UDP Port	362
TCP Port	362
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SS7NS

<b>Name/CLI Keyword</b>	ss7ns
<b>Full Name</b>	ss7ns
<b>Description</b>	Registered with IANA on port 477 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:477
<b>ID</b>	391
<b>Known Mappings</b>	
UDP Port	477
TCP Port	477
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SSCOPMCE

<b>Name/CLI Keyword</b>	sscopmce
<b>Full Name</b>	SSCOPMCE
<b>Description</b>	Service Specific Connection Oriented Protocol in a Multilink and Connectionless Environment (SSCOPMCE) is a peer-to-peer protocol deployed on a single ATM connection, multiple ATM connections between the same endpoints, or on a connectionless network.
<b>Reference</b>	<a href="http://www.itu.int/rec/T-REC-Q.2111/en">http://www.itu.int/rec/T-REC-Q.2111/en</a>
<b>Global ID</b>	L3:128
<b>ID</b>	1226
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	128
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SSH

<b>Name/CLI Keyword</b>	ssh
<b>Full Name</b>	Secure Shell
<b>Description</b>	Secure Shell Protocol (SSH) is a protocol used to secure login and other secure network services over an unsecure network. The protocol based on a client-server architecture has three steps for the connection: First the server has to be authenticated to the client over a reliable transport connection (usually TCP/IP), then the client side is authenticated-only then the connection is established and the client-server encrypted connection can transfer data between them. Typically the protocol uses TCP port 22.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc4251.txt">http://www.ietf.org/rfc/rfc4251.txt</a>
<b>Global ID</b>	L4:22
<b>ID</b>	40
<b>Known Mappings</b>	
UDP Port	
TCP Port	22
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# SSHELL

<b>Name/CLI Keyword</b>	sshell
<b>Full Name</b>	SSLshell
<b>Description</b>	SSL Shell establishes a Secure Shell connection to a server and starts up the user's default shell.
<b>Reference</b>	<a href="http://www.nsoftware.com/products/component/sshell.aspx">http://www.nsoftware.com/products/component/sshell.aspx</a>
<b>Global ID</b>	L4:614
<b>ID</b>	523
<b>Known Mappings</b>	
UDP Port	-
TCP Port	614
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# SSL

<b>Name/CLI Keyword</b>	ssl
<b>Full Name</b>	SSL
<b>Description</b>	Secure Socket Layer (SSL) is a cryptographic protocol that provides communication security over the Internet. SSL encrypts the segments of network connections above the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and a keyed message authentication code for message reliability.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc6101">http://tools.ietf.org/html/rfc6101</a>
<b>Global ID</b>	L7:453
<b>ID</b>	1312
<b>Known Mappings</b>	
UDP Port	443
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	spdy,xmpp-client,http

# SST

<b>Name/CLI Keyword</b>	sst
<b>Full Name</b>	SCSI on ST
<b>Description</b>	SCSI on Scheduled Transfer (ST) standard (SST) defines a method of encapsulating SCSI packets inside STP (ST Protocol), providing a possibility for high-performance network-attached storage. SCSI (Small Computer System Interface) is a set of standards for physically connecting and transferring data between computers and peripheral devices.
<b>Reference</b>	<a href="https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf">https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf</a>
<b>Global ID</b>	L4:266
<b>ID</b>	1138
<b>Known Mappings</b>	
UDP Port	266
TCP Port	266
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## ST

<b>Name/CLI Keyword</b>	st
<b>Full Name</b>	Stream
<b>Description</b>	Internet Stream Protocol (ST or ST2) is an experimental resource reservation protocol intended to provide end-to-end real-time guarantees over an internet. It allows applications to build multi-destination simplex data streams with a desired quality of service.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1190">http://tools.ietf.org/html/rfc1190</a>
<b>Global ID</b>	L3:5
<b>ID</b>	761
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	5
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STATSRV

<b>Name/CLI Keyword</b>	statsrv
<b>Full Name</b>	Statistics Server
<b>Description</b>	The Statistics Server (STATSRV) protocol is intended as a lightweight mechanism similar in spirit to NETSTAT and complementary to it. STATSRV is designed to capture statistics data with minimal intrusion on existing systems or networks. It is intended for use with existing hosts and gateways primarily for casual monitoring and debugging purposes.
<b>Reference</b>	<a href="http://tools.ietf.org/rfc/rfc996">http://tools.ietf.org/rfc/rfc996</a>
<b>Global ID</b>	L4:133
<b>ID</b>	1162
<b>Known Mappings</b>	
UDP Port	133
TCP Port	133
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STEAM

<b>Name/CLI Keyword</b>	steam
<b>Full Name</b>	Steam
<b>Description</b>	Steam is a massive gaming community and an online gaming platform. It delivers games to users' desktops and it allows gamers to communicate while playing online using text chatting or audio.
<b>Reference</b>	<a href="http://store.steampowered.com/about/">http://store.steampowered.com/about/</a>
<b>Global ID</b>	L7:472
<b>ID</b>	1401
<b>Known Mappings</b>	
UDP Port	20070, 2020, 20670, 20676, 20702, 20709, 20711, 20712, 20734, 20745, 20761, 20781, 20790, 20791, 20792, 20793, 20794, 20795, 20796, 20797, 20798, 20799
TCP Port	2115, 2160, 2161, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STMF

<b>Name/CLI Keyword</b>	stmf
<b>Full Name</b>	STMF
<b>Description</b>	Registered with IANA on port 501 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:501
<b>ID</b>	415
<b>Known Mappings</b>	
UDP Port	501
TCP Port	501
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# STREAMWORK

<b>Name/CLI Keyword</b>	streamwork
<b>Full Name</b>	StreamWork
<b>Description</b>	Stream Work developed by Xing Technology is a network delivery of live and on-demand of video and audio data. NBC is using it for broadcasting financial news, popular in the U.S and Europe. The protocol is based on a client server architecture and uses connectionless protocol UDP.
<b>Reference</b>	<a href="http://www.sapstreamwork.com/how-it-works">http://www.sapstreamwork.com/how-it-works</a>
<b>Global ID</b>	L7:427
<b>ID</b>	55
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STREETALK

<b>Name/CLI Keyword</b>	streettalk
<b>Full Name</b>	streettalk
<b>Description</b>	Registered with IANA on port 566 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:566
<b>ID</b>	481
<b>Known Mappings</b>	
UDP Port	566
TCP Port	566
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	banyan-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STUN-NAT

<b>Name/CLI Keyword</b>	stun-nat
<b>Full Name</b>	Stun NAT
<b>Description</b>	Session Traversal Utilities for NAT (STUN) is an Internet standards-track suite of methods, including a network protocol, used in NAT traversal for applications of real-time voice, video, messaging, and other interactive IP communications.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5389">http://tools.ietf.org/html/rfc5389</a>
<b>Global ID</b>	L4:3478
<b>ID</b>	894
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	stun-group
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy

# STUNS

<b>Name/CLI Keyword</b>	stuns
<b>Full Name</b>	STUN over TLS
<b>Description</b>	Session Traversal Utilities for NAT provides a means for an endpoint to determine the IP address and port allocated by a NAT that corresponds to its private IP address and port. It also provides a way for an endpoint to keep a NAT binding alive. With some extensions, the protocol can be used to do connectivity checks between two endpoints [MMUSIC-ICE], or to relay packets between two endpoints.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5389">http://tools.ietf.org/html/rfc5389</a>
<b>Global ID</b>	L4:5349
<b>ID</b>	1321
<b>Known Mappings</b>	
UDP Port	5349
TCP Port	5349
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	stun-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# STX

<b>Name/CLI Keyword</b>	stx
<b>Full Name</b>	Stock IXChange
<b>Description</b>	Registered with IANA on port 527 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:527
<b>ID</b>	445
<b>Known Mappings</b>	
UDP Port	527
TCP Port	527
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUBMISSION

<b>Name/CLI Keyword</b>	submission
<b>Full Name</b>	Mail Submission Agent
<b>Description</b>	A mail submission agent (MSA) is a computer program or software agent that receives electronic mail messages from a mail user agent (MUA) and cooperates with a mail transfer agent (MTA) for delivery of the mail. It uses a variant of the Simple Mail Transfer Protocol (SMTP).
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Mail_submission_agent">http://en.wikipedia.org/wiki/Mail_submission_agent</a>
<b>Global ID</b>	L4:587
<b>ID</b>	501
<b>Known Mappings</b>	
UDP Port	587
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	smtp-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUBMIT

<b>Name/CLI Keyword</b>	submit
<b>Full Name</b>	Submit Protocol
<b>Description</b>	Registered with IANA on port 773 TCP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:773
<b>ID</b>	643
<b>Known Mappings</b>	
UDP Port	
TCP Port	773
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUBNTBCST\_TFTP

<b>Name/CLI Keyword</b>	subntbcst_tftp
<b>Full Name</b>	SUBNTBCST_TFTP
<b>Description</b>	Registered with IANA on port 247 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:247
<b>ID</b>	1127
<b>Known Mappings</b>	
UDP Port	247
TCP Port	247
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	tftp-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SU-MIT-TG

<b>Name/CLI Keyword</b>	su-mit-tg
<b>Full Name</b>	SU/MIT Telnet Gateway
<b>Description</b>	SU/MIT Telnet Gateway is used to enable users to telnet between networks running different protocols.
<b>Reference</b>	<a href="http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html">http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html</a>
<b>Global ID</b>	L4:89
<b>ID</b>	960
<b>Known Mappings</b>	
UDP Port	89
TCP Port	89
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUN-DR

<b>Name/CLI Keyword</b>	sun-dr
<b>Full Name</b>	SUNDR
<b>Description</b>	SUNDR is a network file system designed to store data securely on untrusted servers. SUNDR lets clients detect any attempts at unauthorized file modification by malicious server operators or users. SUNDR's protocol achieves a property called fork consistency, which guarantees that clients can detect any integrity or consistency failures as long as they see each other's file modifications. An implementation is described that performs comparably with NFS (sometimes better and sometimes worse), while offering significantly stronger security.
<b>Reference</b>	<a href="http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf">http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf</a>
<b>Global ID</b>	L4:665
<b>ID</b>	573
<b>Known Mappings</b>	
UDP Port	665
TCP Port	665
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUN-ND

<b>Name/CLI Keyword</b>	sun-nd
<b>Full Name</b>	SUN ND PROTOCOL-Temporary
<b>Description</b>	Registered with IANA as IP Protocol 77
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:77
<b>ID</b>	831
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	77
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUNRPC

<b>Name/CLI Keyword</b>	sunrpc
<b>Full Name</b>	Sun Remote Procedure Call
<b>Description</b>	Sun Microsystems Remote Procedure Call (SunRPC) is a client-server protocol that allows users to call procedures remotely, which means the procedure is actually done at the server and not at the local user. The server holds a port mapper that listens to queries, usually on port 111.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1057.txt">http://www.ietf.org/rfc/rfc1057.txt</a>
<b>Global ID</b>	L4:111
<b>ID</b>	54
<b>Known Mappings</b>	
UDP Port	111
TCP Port	111
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	inter-process-rpc
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUPDUP

<b>Name/CLI Keyword</b>	supdup
<b>Full Name</b>	SUPDUP
<b>Description</b>	The SUPDUP protocol provides means for login to a remote system over a network with terminal-independent output, so that only the local system need know how to handle the user's terminal. It offers facilities for graphics and for local assistance to remote text editors.
<b>Reference</b>	<a href="http://dspace.mit.edu/handle/1721.1/5694">http://dspace.mit.edu/handle/1721.1/5694</a>
<b>Global ID</b>	L4:95
<b>ID</b>	966
<b>Known Mappings</b>	
UDP Port	95
TCP Port	95
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SURF

<b>Name/CLI Keyword</b>	surf
<b>Full Name</b>	Speeded Up Robust Feature
<b>Description</b>	Speeded Up Robust Feature (SURF) is a robust local feature detector that can be used in computer vision tasks like object recognition or 3D reconstruction. It is partly inspired by the SIFT descriptor.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/SURF">http://en.wikipedia.org/wiki/SURF</a>
<b>Global ID</b>	L4:1010
<b>ID</b>	681
<b>Known Mappings</b>	
UDP Port	1010
TCP Port	1010
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SUR-MEAS

<b>Name/CLI Keyword</b>	sur-meas
<b>Full Name</b>	Survey Measurement
<b>Description</b>	Registered with IANA on port 243 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:243
<b>ID</b>	1123
<b>Known Mappings</b>	
UDP Port	243
TCP Port	243
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SVN

<b>Name/CLI Keyword</b>	svn
<b>Full Name</b>	Version control system
<b>Description</b>	Apache Subversion (SVN) is a software versioning and revision control system distributed under an open source license. Developers use Subversion to maintain current and historical versions of files such as source code, web pages, and documentation. Its goal is to be a mostly-compatible successor to the widely used Concurrent Versions System (CVS).
<b>Reference</b>	<a href="http://subversion.apache.org/">http://subversion.apache.org/</a>
<b>Global ID</b>	L4:3690
<b>ID</b>	1366
<b>Known Mappings</b>	
UDP Port	3690
TCP Port	3690
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	file-sharing
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SVRLOC

<b>Name/CLI Keyword</b>	svrloc
<b>Full Name</b>	Server Location
<b>Description</b>	The Service Location Protocol (SLP, srvloc) is a service discovery protocol that allows computers and other devices to find services in a local area network without prior configuration. SLP has been designed to scale from small, unmanaged networks to large enterprise networks.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc2608.txt">http://www.ietf.org/rfc/rfc2608.txt</a>
<b>Global ID</b>	L4:427
<b>ID</b>	342
<b>Known Mappings</b>	
UDP Port	427
TCP Port	427
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SWIFT-RVF

<b>Name/CLI Keyword</b>	swift-rvf
<b>Full Name</b>	Swift Remote Virtual File Protocol
<b>Description</b>	Registered with IANA on port 97 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:97
<b>ID</b>	968
<b>Known Mappings</b>	
UDP Port	97
TCP Port	97
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SWIPE

<b>Name/CLI Keyword</b>	swipe
<b>Full Name</b>	Swipe
<b>Description</b>	The swIPe IP Security Protocol (swIPe) is an experimental Internet Protocol (IP) security protocol that was specified in 1993. It operates at the Internet Layer of the Internet Protocol Suite.
<b>Reference</b>	<a href="http://www.crypto.com/papers/swipe.id.txt">http://www.crypto.com/papers/swipe.id.txt</a>
<b>Global ID</b>	L3:53
<b>ID</b>	807
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	53
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYBASE

<b>Name/CLI Keyword</b>	sybase
<b>Full Name</b>	Sybase
<b>Description</b>	Sybase Database Management Software is a suite that offers business and enterprise-level database management services. The software is based on client-server architecture that works on multiple platforms such as Windows and Linux. The software usually uses TCP/UDP ports 1498, 2439, 2638, and 4950.
<b>Reference</b>	<a href="http://www.sybase.com/products/databasemanagement">http://www.sybase.com/products/databasemanagement</a>
<b>Global ID</b>	L4:1498
<b>ID</b>	1390
<b>Known Mappings</b>	
UDP Port	1498,2439,2638,4950
TCP Port	1498,2439,2638,4950
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYNERGY

<b>Name/CLI Keyword</b>	synergy
<b>Full Name</b>	Computer Resources Sharing Application
<b>Description</b>	Synergy is a computer resources sharing application that lets users easily share a mouse and keyboard between multiple computers. It works on Windows, Mac OS X and Linux
<b>Reference</b>	<a href="http://synergy-foss.org">http://synergy-foss.org</a>
<b>Global ID</b>	L4:24800
<b>ID</b>	1367
<b>Known Mappings</b>	
UDP Port	
TCP Port	24800
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYNOPTICS-TRAP

<b>Name/CLI Keyword</b>	synoptics-trap
<b>Full Name</b>	SynOptics Trap Convention Port
<b>Description</b>	Registered with IANA on port 412 UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:412
<b>ID</b>	327
<b>Known Mappings</b>	
UDP Port	412
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	snmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYNOTICS-BROKER

<b>Name/CLI Keyword</b>	synotics-broker
<b>Full Name</b>	SynOptics SNMP Broker Port
<b>Description</b>	Registered with IANA on port 392 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:392
<b>ID</b>	308
<b>Known Mappings</b>	
UDP Port	392
TCP Port	392
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	snmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYNOTICS-RELAY

<b>Name/CLI Keyword</b>	synotics-relay
<b>Full Name</b>	SynOptics SNMP Relay Port
<b>Description</b>	Registered with IANA on port 391 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:391
<b>ID</b>	307
<b>Known Mappings</b>	
UDP Port	391
TCP Port	391
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	snmp-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# SYSLOG

<b>Name/CLI Keyword</b>	syslog
<b>Full Name</b>	Syslog
<b>Description</b>	System Logging Utility (syslog) is a protocol used to transfer event notifications. The protocol was first developed by the University of California: Berkeley Software Distribution (BSD)
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5424">http://tools.ietf.org/html/rfc5424</a>
<b>Global ID</b>	L7:41
<b>ID</b>	41
<b>Known Mappings</b>	
UDP Port	514
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# SYSTAT

<b>Name/CLI Keyword</b>	systat
<b>Full Name</b>	SYSTAT Statistical Analysis Software
<b>Description</b>	SYSTAT is a statistical analysis and graphics software package.
<b>Reference</b>	<a href="http://www.systat.com/">http://www.systat.com/</a>
<b>Global ID</b>	L4:11
<b>ID</b>	102
<b>Known Mappings</b>	
UDP Port	11
TCP Port	11
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



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# TACACS

<b>Name/CLI Keyword</b>	tacacs
<b>Full Name</b>	Terminal Access Controller Access-Control System
<b>Description</b>	Terminal Access Controller Access-Control System (TACACS) is client that provides an access control to network entities such as routers and network access servers. Users can log in to the entities as if they were hosts. Typically TACACS uses TCP/UDP ports 49, 65.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-grant-tacacs-02">http://tools.ietf.org/html/draft-grant-tacacs-02</a>
<b>Global ID</b>	L4:49
<b>ID</b>	112
<b>Known Mappings</b>	
UDP Port	49,65
TCP Port	49,65
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TACNEWS

<b>Name/CLI Keyword</b>	tacnews
<b>Full Name</b>	TAC News
<b>Description</b>	Registered with IANA on port 98 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:98
<b>ID</b>	969
<b>Known Mappings</b>	
UDP Port	98
TCP Port	98
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TALK

<b>Name/CLI Keyword</b>	talk
<b>Full Name</b>	talk
<b>Description</b>	talk is a Unix text chat program. It originally allowed messaging only between the users logged on to one multi-user computer, but later was extended to allow chat to users on other systems.
<b>Reference</b>	<a href="http://manpages.ubuntu.com/manpages/precise/en/man1/talk.1posix.html">http://manpages.ubuntu.com/manpages/precise/en/man1/talk.1posix.html</a>
<b>Global ID</b>	L4:517
<b>ID</b>	434
<b>Known Mappings</b>	
UDP Port	517
TCP Port	517
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TAPWARE

<b>Name/CLI Keyword</b>	tapeware
<b>Full Name</b>	Yosemite Tech Tapeware
<b>Description</b>	Tapeware is an automatic backup program from Yosemite Technologies Inc. Tapeware was discontinued from the end of 2006 and replaced by Yosemite's new product, Yosemite Backup.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Tapeware">http://en.wikipedia.org/wiki/Tapeware</a>
<b>Global ID</b>	L4:3817
<b>ID</b>	1372
<b>Known Mappings</b>	
UDP Port	3817
TCP Port	3817
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# TCF

<b>Name/CLI Keyword</b>	tcf
<b>Full Name</b>	TCF
<b>Description</b>	Target Communication Framework (TCF) is a vendor-neutral, lightweight, extensible network protocol used mainly for communicating with embedded systems (targets). Its most distinguishing feature is that TCF is designed to transparently plug in value-adding servers between the tool and the target. Without value-add, the protocol can unify many currently independent communication links, thus saving resources and making setup and configuration much easier than in current embedded development scenarios.
<b>Reference</b>	<a href="http://wiki.eclipse.org/DSDP/TM/TCF_FAQ">http://wiki.eclipse.org/DSDP/TM/TCF_FAQ</a>
<b>Global ID</b>	L3:87
<b>ID</b>	841
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	87
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TCPOVERDNS

<b>Name/CLI Keyword</b>	tcpoverdns
<b>Full Name</b>	tcp tunneled over dns
<b>Description</b>	tcp-over-dns contains a special dns server and a special dns client. The client and server work in tandem to provide a TCP tunnel through the standard DNS protocol.
<b>Reference</b>	<a href="http://analogbit.com/software/tcp-over-dns">http://analogbit.com/software/tcp-over-dns</a>
<b>Global ID</b>	L7:331
<b>ID</b>	1042
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

# TD-REPLICA

<b>Name/CLI Keyword</b>	td-replica
<b>Full Name</b>	Tobit David Replica
<b>Description</b>	The Replication Services for David enable a replication of the contents of any archives that are stored on different David Servers. David (from Tobit Software) is a mail access server that also provides other services, such as: fax, voice and document management.
<b>Reference</b>	<a href="http://www.tobit.com">http://www.tobit.com</a>
<b>Global ID</b>	L4:268
<b>ID</b>	1140
<b>Known Mappings</b>	
UDP Port	268
TCP Port	268
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## TD-SERVICE

<b>Name/CLI Keyword</b>	td-service
<b>Full Name</b>	Tobit David Service Layer
<b>Description</b>	Tobit software provides different kinds of communication solutions, including Faxing software, email, fax, voice, SMS and more.
<b>Reference</b>	<a href="http://www.tobit.com/">http://www.tobit.com/</a>
<b>Global ID</b>	L4:267
<b>ID</b>	1139
<b>Known Mappings</b>	
UDP Port	267
TCP Port	267
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TEAMSOUND

<b>Name/CLI Keyword</b>	teamsound
<b>Full Name</b>	TeamSound
<b>Description</b>	TeamSound is a voice conferencing software for online game players. It can operate as a dedicated or non-dedicated peer-to-peer voice communication system, geared for use in multiplayer, networked Internet games.
<b>Reference</b>	<a href="http://www.fileol.com/audio-and-video/teamsound-5.6.html">http://www.fileol.com/audio-and-video/teamsound-5.6.html</a>
<b>Global ID</b>	L4:40001
<b>ID</b>	1391
<b>Known Mappings</b>	
UDP Port	40001,40002,40003,40004,40011
TCP Port	40001,40011
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TEAMSPEAK

<b>Name/CLI Keyword</b>	teamspeak
<b>Full Name</b>	Teamspeak
<b>Description</b>	TeamSpeak software is an Internet based conferencing solution that enables users to speak with one another over the Internet. The software is based on client-server architecture and is firewall and router friendly.
<b>Reference</b>	<a href="http://teamspeak.com/">http://teamspeak.com/</a>
<b>Global ID</b>	L7:447
<b>ID</b>	1072
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TEAMVIEWER

<b>Name/CLI Keyword</b>	teamviewer
<b>Full Name</b>	remote access and desktop sharing
<b>Description</b>	TeamViewer is a computer software package for remote control, desktop sharing, and file transfer between computers. The software operates with the Microsoft Windows, Mac OS X Linux, iOS and Android operating systems.
<b>Reference</b>	<a href="http://www.teamviewer.com/en/index.aspx">http://www.teamviewer.com/en/index.aspx</a>
<b>Global ID</b>	L7:494
<b>ID</b>	1430
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	desktop-virtualization
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TEEDTAP

<b>Name/CLI Keyword</b>	teedtap
<b>Full Name</b>	Teedtap
<b>Description</b>	Registered with IANA on port 559 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:559
<b>ID</b>	474
<b>Known Mappings</b>	
UDP Port	559
TCP Port	559
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# TELEPRESENCE-CONTROL

<b>Name/CLI Keyword</b>	telepresence-control
<b>Full Name</b>	Telepresence Control
<b>Description</b>	Cisco TelePresence Control protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the Internet. The control protocol includes control packets over SIP and RTCP protocols, and works simultaneously with Cisco telepresence media protocol.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html">http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html</a>
<b>Global ID</b>	L7:114
<b>ID</b>	114
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	telepresence-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	sip

# TELEPRESENCE-MEDIA

<b>Name/CLI Keyword</b>	telepresence-media
<b>Full Name</b>	Telepresence Media
<b>Description</b>	Cisco TelePresence media protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the internet. The protocol consists only data packets, and works simultaneously with cisco telepresence control protocol.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html">http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html</a>
<b>Global ID</b>	L7:113
<b>ID</b>	113
<b>Known Mappings</b>	
UDP Port	3478
TCP Port	3478
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	telepresence-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat

# TELL

<b>Name/CLI Keyword</b>	tell
<b>Full Name</b>	tell
<b>Description</b>	Registered with IANA on port 754 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:754
<b>ID</b>	629
<b>Known Mappings</b>	
UDP Port	754
TCP Port	754
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TELNET

<b>Name/CLI Keyword</b>	telnet
<b>Full Name</b>	Telnet
<b>Description</b>	Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a TCP/IP network. The telnet client connects to a host and becomes a Network Virtual Terminal (NVT) allowing the user to communicate remotely with the host. Typically, the protocol uses TCP port 23.
<b>Reference</b>	<a href="http://www.faqs.org/rfcs/rfc854.html">http://www.faqs.org/rfcs/rfc854.html</a>
<b>Global ID</b>	L4:23
<b>ID</b>	42
<b>Known Mappings</b>	
UDP Port	23
TCP Port	23
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TEMPO

<b>Name/CLI Keyword</b>	tempo
<b>Full Name</b>	tempo
<b>Description</b>	Registered with IANA on port 526 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:526
<b>ID</b>	444
<b>Known Mappings</b>	
UDP Port	526
TCP Port	526
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TENFOLD

<b>Name/CLI Keyword</b>	tenfold
<b>Full Name</b>	TenFold
<b>Description</b>	Registered with IANA on port 658 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:658
<b>ID</b>	567
<b>Known Mappings</b>	
UDP Port	658
TCP Port	658
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## TEREDO-IPV6-TUNNELED

<b>Name/CLI Keyword</b>	teredo-ipv6-tunneled
<b>Full Name</b>	Teredo IPv6 Tunneled
<b>Description</b>	Teredo is a tunneling protocol designed to grant IPv6 connectivity to nodes that are located behind IPv6-unaware NAT devices. It defines a way of encapsulating IPv6 packets within IPv4 UDP datagrams that can be routed through NAT devices and on the IPv4 internet.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4380">http://tools.ietf.org/html/rfc4380</a>
<b>Global ID</b>	L7:326
<b>ID</b>	1219
<b>Known Mappings</b>	
UDP Port	3544
TCP Port	3544
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-

## TESLA-SYS-MSG

<b>Name/CLI Keyword</b>	tesla-sys-msg
<b>Full Name</b>	TESLA System Messaging
<b>Description</b>	Registered with IANA on port 7631 TCP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:7631
<b>ID</b>	1392
<b>Known Mappings</b>	
UDP Port	
TCP Port	7631
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# TEXAR

<b>Name/CLI Keyword</b>	texar
<b>Full Name</b>	Texar Security Port
<b>Description</b>	Registered with IANA on port 333 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:333
<b>ID</b>	869
<b>Known Mappings</b>	
UDP Port	333
TCP Port	333
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TFTP

<b>Name/CLI Keyword</b>	tftp
<b>Full Name</b>	Trivial File Transfer Protocol
<b>Description</b>	Trivial File Transfer Protocol (TFTP) is a file transfer protocol, with the functionality of a very basic form of FTP. It is useful for booting computers such as routers which do not have any data storage devices.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1350.txt">http://www.ietf.org/rfc/rfc1350.txt</a>
<b>Global ID</b>	L4:69
<b>ID</b>	48
<b>Known Mappings</b>	
UDP Port	69
TCP Port	
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	tftp-group
<b>Business Relevance</b>	business-relevant
<b>Category</b>	file-sharing
<b>Sub Category</b>	file-transfer
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TICF-1

<b>Name/CLI Keyword</b>	ticf-1
<b>Full Name</b>	Transport Independent Convergence for FNA
<b>Description</b>	Registered with IANA on port 492 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:492
<b>ID</b>	406
<b>Known Mappings</b>	
UDP Port	492
TCP Port	492
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## TICF-2

<b>Name/CLI Keyword</b>	ticf-2
<b>Full Name</b>	Transport Independent Convergence for FNA
<b>Description</b>	Registered with IANA on port 493 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:493
<b>ID</b>	407
<b>Known Mappings</b>	
UDP Port	493
TCP Port	493
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TIMBUKTU

<b>Name/CLI Keyword</b>	timbuktu
<b>Full Name</b>	Timbaktu Remote Control Software
<b>Description</b>	Timbuktu is a remote control software product developed by WOS Datasystems. Timbuktu is compatible with computers running both Mac OS X and Windows.
<b>Reference</b>	<a href="http://www.motocam.com/Video-Solutions/US/EN/Products-and-Services/Software/Remote-Access/Timbuktu-Pro_US/EN">http://www.motocam.com/Video-Solutions/US/EN/Products-and-Services/Software/Remote-Access/Timbuktu-Pro_US/EN</a>
<b>Global ID</b>	L4:407
<b>ID</b>	322
<b>Known Mappings</b>	
UDP Port	407
TCP Port	407
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	desktop-virtualization
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TIME

<b>Name/CLI Keyword</b>	time
<b>Full Name</b>	Time
<b>Description</b>	The Network Time Protocol (NTP) is a protocol used to get the accurate time and date from designated time servers. The protocol works on TCP and UDP, typically on port 37.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc868.txt">http://www.ietf.org/rfc/rfc868.txt</a>
<b>Global ID</b>	L4:37
<b>ID</b>	105
<b>Known Mappings</b>	
UDP Port	37
TCP Port	37
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TIMED

<b>Name/CLI Keyword</b>	timed
<b>Full Name</b>	Timeserver
<b>Description</b>	A time server is a server computer that reads the actual time from a reference clock and distributes this information to its clients using a computer network. The time server may be a local network time server or an Internet time server.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Time_server">http://en.wikipedia.org/wiki/Time_server</a>
<b>Global ID</b>	L4:525
<b>ID</b>	443
<b>Known Mappings</b>	
UDP Port	525
TCP Port	525
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TINC

<b>Name/CLI Keyword</b>	tinc
<b>Full Name</b>	tinc
<b>Description</b>	tinc is a Virtual Private Network (VPN) daemon that uses tunnelling and encryption to create a secure private network between hosts on the Internet.
<b>Reference</b>	<a href="http://www.tinc-vpn.org/">http://www.tinc-vpn.org/</a>
<b>Global ID</b>	L4:655
<b>ID</b>	564
<b>Known Mappings</b>	
UDP Port	655
TCP Port	655
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	-



# TLISRV

<b>Name/CLI Keyword</b>	tlisrv
<b>Full Name</b>	oracle
<b>Description</b>	Registered with IANA on port 1527 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:1527
<b>ID</b>	692
<b>Known Mappings</b>	
UDP Port	1527
TCP Port	1527
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	sqlsvr-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TLSP

<b>Name/CLI Keyword</b>	tlsp
<b>Full Name</b>	Transport Layer Security Protocol
<b>Description</b>	Transport Layer Security (TLS) and its predecessor, Secure Sockets Layer (SSL), are cryptographic protocols that provide communication security over the Internet. TLS and SSL encrypt the segments of network connections at the Application Layer for the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and message authentication codes for message integrity.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc5246.txt">http://www.ietf.org/rfc/rfc5246.txt</a>
<b>Global ID</b>	L3:56
<b>ID</b>	810
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	56
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TNETOS

<b>Name/CLI Keyword</b>	tnetos
<b>Full Name</b>	tnetos
<b>Description</b>	NEC Corporation
<b>Reference</b>	-
<b>Global ID</b>	L4:377
<b>ID</b>	293
<b>Known Mappings</b>	
UDP Port	377
TCP Port	377
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TNS-CML

<b>Name/CLI Keyword</b>	tns-cml
<b>Full Name</b>	TNS CML
<b>Description</b>	Registered with IANA on port 590 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:590
<b>ID</b>	504
<b>Known Mappings</b>	
UDP Port	590
TCP Port	590
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TN-TL-FD1

<b>Name/CLI Keyword</b>	tn-tl-fd1
<b>Full Name</b>	tn-tl-fd1
<b>Description</b>	Registered with IANA on port 476 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:476
<b>ID</b>	390
<b>Known Mappings</b>	
UDP Port	476
TCP Port	476
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TOMATOPANG

<b>Name/CLI Keyword</b>	tomatopang
<b>Full Name</b>	Tomatopang
<b>Description</b>	Tomatopang is a Korean peer to peer file-sharing application. It is based on peer to peer architecture.
<b>Reference</b>	<a href="http://www.tomatopang.net/">http://www.tomatopang.net/</a>
<b>Global ID</b>	L7:449
<b>ID</b>	1093
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TOR

<b>Name/CLI Keyword</b>	tor
<b>Full Name</b>	Tor
<b>Description</b>	Tor (The Onion Router) is a system intended to enable online anonymity. Tor client software routes Internet traffic through a worldwide volunteer network of servers in order to conceal a user's location or usage from someone conducting network surveillance or traffic analysis. The software is "free-software" and the network is free of charge to use.
<b>Reference</b>	<a href="http://www.torproject.org/">http://www.torproject.org/</a>
<b>Global ID</b>	L7:460
<b>ID</b>	1319
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	No
<b>Application Group</b>	other
<b>Category</b>	internet-privacy
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http

# TP++

<b>Name/CLI Keyword</b>	tp++
<b>Full Name</b>	TP++ Transport Protocol
<b>Description</b>	Registered with IANA as IP Protocol 39
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:39
<b>ID</b>	793
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	39
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# TPIP

<b>Name/CLI Keyword</b>	tpip
<b>Full Name</b>	TPIP
<b>Description</b>	Registered with IANA on port 594 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:594
<b>ID</b>	508
<b>Known Mappings</b>	
UDP Port	594
TCP Port	594
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TRADESTATION

<b>Name/CLI Keyword</b>	tradestation
<b>Full Name</b>	Technical Analysis Software
<b>Description</b>	The TradeStation analysis and trading platform is a professional electronic trading platform for financial market traders.
<b>Reference</b>	<a href="http://www.tradestation.com/">http://www.tradestation.com/</a>
<b>Global ID</b>	L4:11010
<b>ID</b>	1393
<b>Known Mappings</b>	
UDP Port	
TCP Port	11010,11020
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TRINOO

<b>Name/CLI Keyword</b>	trinoo
<b>Full Name</b>	trin00
<b>Description</b>	The trinoo or trin00 is a set of computer programs to conduct a DDoS attack. It is believed that trinoo networks has been set up on thousands of systems on the Internet that have been compromised by remote buffer overrun exploits.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Trinoo">http://en.wikipedia.org/wiki/Trinoo</a>
<b>Global ID</b>	L4:27665
<b>ID</b>	1368
<b>Known Mappings</b>	
UDP Port	27444,31335
TCP Port	27665
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	trojan
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TRUNK-1

<b>Name/CLI Keyword</b>	trunk-1
<b>Full Name</b>	Trunk-1
<b>Description</b>	Registered with IANA as IP Protocol 23
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:23
<b>ID</b>	777
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	23
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TRUNK-2

<b>Name/CLI Keyword</b>	trunk-2
<b>Full Name</b>	Trunk-2 Protocol
<b>Description</b>	Registered with IANA as IP Protocol 24
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:24
<b>ID</b>	778
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	24
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TSERVER

<b>Name/CLI Keyword</b>	tserver
<b>Full Name</b>	Computer Supported Telecommunication Applications
<b>Description</b>	Registered with IANA on port 450 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:450
<b>ID</b>	365
<b>Known Mappings</b>	
UDP Port	450
TCP Port	450
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TTP

<b>Name/CLI Keyword</b>	ttp
<b>Full Name</b>	TTP
<b>Description</b>	Registered with IANA as IP Protocol 84
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:84
<b>ID</b>	838
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	84
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# TUNNEL-HTTP

<b>Name/CLI Keyword</b>	tunnel-http
<b>Full Name</b>	Tunnel HTTP
<b>Description</b>	Tunnel HTTP represents the granular protocols that are tunneled over HTTP.
<b>Reference</b>	
<b>Global ID</b>	L7:435
<b>ID</b>	739
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	tunneling-protocols
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	Yes
<b>Underlying Protocols</b>	http



# TWITTER

<b>Name/CLI Keyword</b>	twitter
<b>Full Name</b>	Twitter
<b>Description</b>	Twitter is an online social networking service and microblogging service that enables its users to send and read text-based posts of up to 140 characters, known as tweets. It was created in March 2006 by Jack Dorsey and launched that July. The service rapidly gained worldwide popularity, with over 140 million active users as of 2012, generating over 340 millions tweets daily and handling over 1.6 billion search queries per day. It has been described as the SMS of the Internet.
<b>Reference</b>	<a href="http://twitter.com/about">http://twitter.com/about</a>
<b>Global ID</b>	L7:517
<b>ID</b>	1453
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	social-networking
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http





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# UAAC

<b>Name/CLI Keyword</b>	uaac
<b>Full Name</b>	UAAC Protocol
<b>Description</b>	Registered with IANA on port 145 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:145
<b>ID</b>	946
<b>Known Mappings</b>	
UDP Port	145
TCP Port	145
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UARPS

<b>Name/CLI Keyword</b>	uarps
<b>Full Name</b>	Unisys ARPs
<b>Description</b>	Registered with IANA on port 219 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:219
<b>ID</b>	1116
<b>Known Mappings</b>	
UDP Port	219
TCP Port	219
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UDPLITE

<b>Name/CLI Keyword</b>	udplite
<b>Full Name</b>	UDP Lite
<b>Description</b>	Lightweight User Datagram Protocol (UDP Lite) is a connectionless Transport layer protocol. UDP Lite provides partial checksums that cover only a segment of the datagrams. UDP Lite may be used in error-prone network environments that prefer to have partially damaged payloads delivered rather than discarded. UDP Lite is IP protocol number 136.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3828.txt">http://www.ietf.org/rfc/rfc3828.txt</a>
<b>Global ID</b>	L3:136
<b>ID</b>	1234
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	136
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UIS

<b>Name/CLI Keyword</b>	uis
<b>Full Name</b>	UIS
<b>Description</b>	Registered with IANA on port 390 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:390
<b>ID</b>	306
<b>Known Mappings</b>	
UDP Port	390
TCP Port	390
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# ULISTPROC

<b>Name/CLI Keyword</b>	ulistproc
<b>Full Name</b>	List Processor
<b>Description</b>	Registered with IANA on port 372 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:372
<b>ID</b>	288
<b>Known Mappings</b>	
UDP Port	372
TCP Port	372
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ULP

<b>Name/CLI Keyword</b>	ulp
<b>Full Name</b>	User Location Protocol
<b>Description</b>	The User Location Protocol (ULP) is the interface between a user location client and a user location server. User Location Servers are server programs that maintain dynamic information about users and the applications they are running. The server is similar to a DNS server in that the set of resource information associated with a particular user is composed of separate resource records. User Location Clients are programs that connect to user location servers. Clients can create, delete, modify, and query resource records on the server.
<b>Reference</b>	<a href="http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt">http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt</a>
<b>Global ID</b>	L4:522
<b>ID</b>	440
<b>Known Mappings</b>	
UDP Port	522
TCP Port	522
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ULPNET

<b>Name/CLI Keyword</b>	ulpnet
<b>Full Name</b>	Ulpnet
<b>Description</b>	Registered with IANA on port 483 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:483
<b>ID</b>	397
<b>Known Mappings</b>	
UDP Port	483
TCP Port	483
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UNIDATA-LDM

<b>Name/CLI Keyword</b>	unidata-ldm
<b>Full Name</b>	Unidata LDM
<b>Description</b>	The Unidata Local Data Manager (LDM) is a collection of cooperating programs that select, capture, manage, and distribute arbitrary data products. The system is designed for event-driven data distribution, and is currently used in the Unidata Internet Data Distribution (IDD) project. The LDM system includes network client and server programs and their shared protocols.
<b>Reference</b>	<a href="http://www.unidata.ucar.edu/software/ldm/">http://www.unidata.ucar.edu/software/ldm/</a>
<b>Global ID</b>	L4:388
<b>ID</b>	304
<b>Known Mappings</b>	
UDP Port	388
TCP Port	388
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UNIFY

<b>Name/CLI Keyword</b>	unify
<b>Full Name</b>	Unify
<b>Description</b>	Registered with IANA on port 181 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:181
<b>ID</b>	1024
<b>Known Mappings</b>	
UDP Port	181
TCP Port	181
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UPS

<b>Name/CLI Keyword</b>	ups
<b>Full Name</b>	Uninterruptable Power Supply
<b>Description</b>	Registered with IANA on port 401 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:401
<b>ID</b>	316
<b>Known Mappings</b>	
UDP Port	401
TCP Port	401
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	control-and-signaling
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# URM

<b>Name/CLI Keyword</b>	urm
<b>Full Name</b>	Cray Unified Resource Manager
<b>Description</b>	Registered with IANA on port 606 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:606
<b>ID</b>	515
<b>Known Mappings</b>	
UDP Port	606
TCP Port	606
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UTI

<b>Name/CLI Keyword</b>	uti
<b>Full Name</b>	UTI
<b>Description</b>	Registered with IANA as IP Protocol 120
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:120
<b>ID</b>	874
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	120
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Application Group</b>	other
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	Bulk-Data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# UTIME

<b>Name/CLI Keyword</b>	utime
<b>Full Name</b>	Unix time
<b>Description</b>	utime is a Linux system call that changes the access and modification times of the inode specified by filename to the actime and modtime fields of times respectively.
<b>Reference</b>	<a href="http://linux.die.net/man/2/utime">http://linux.die.net/man/2/utime</a>
<b>Global ID</b>	L4:519
<b>ID</b>	436
<b>Known Mappings</b>	
UDP Port	519
TCP Port	519
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UTMPCD

<b>Name/CLI Keyword</b>	utmpcd
<b>Full Name</b>	UTMPCD
<b>Description</b>	Registered with IANA on port 431 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:431
<b>ID</b>	346
<b>Known Mappings</b>	
UDP Port	431
TCP Port	431
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UTMPSD

<b>Name/CLI Keyword</b>	utmpsd
<b>Full Name</b>	utmpsd
<b>Description</b>	Registered with IANA on port 430 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:430
<b>ID</b>	345
<b>Known Mappings</b>	
UDP Port	430
TCP Port	430
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UUCP

<b>Name/CLI Keyword</b>	uucp
<b>Full Name</b>	Unix-to-Unix Copy
<b>Description</b>	Unix-to-Unix Copy (UUCP) is a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers. Specifically, a command named uucp is one of the programs in the suite; it provides a user interface for requesting file copy operations.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Uucp">http://en.wikipedia.org/wiki/Uucp</a>
<b>Global ID</b>	L4:540
<b>ID</b>	458
<b>Known Mappings</b>	
UDP Port	540
TCP Port	540
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UUCP-PATH

<b>Name/CLI Keyword</b>	uucp-path
<b>Full Name</b>	UUCP Path Service
<b>Description</b>	Path Service is part of UUCP (Unix To Unix Copy Protocol) suite. It fills the need of people to determine mailbox addresses for hosts that are not part of the ARPA-Internet but can be reached by one or more relay hosts.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc915">http://tools.ietf.org/html/rfc915</a>
<b>Global ID</b>	L4:117
<b>ID</b>	987
<b>Known Mappings</b>	
UDP Port	117
TCP Port	117
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UUCP-RLOGIN

<b>Name/CLI Keyword</b>	uucp-rlogin
<b>Full Name</b>	uucp-rlogin
<b>Description</b>	Rlogin is a part of UUCP (Unix-to-Unix Copy), a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers.
<b>Reference</b>	<a href="http://www.uucp.org/">http://www.uucp.org/</a>
<b>Global ID</b>	L4:541
<b>ID</b>	459
<b>Known Mappings</b>	
UDP Port	541
TCP Port	541
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UUIDGEN

<b>Name/CLI Keyword</b>	uuidgen
<b>Full Name</b>	UUIDGEN
<b>Description</b>	A universally unique identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). UUIDGEN is a program that generates a unique UUID for each system.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Uuid">http://en.wikipedia.org/wiki/Uuid</a>
<b>Global ID</b>	L4:697
<b>ID</b>	605
<b>Known Mappings</b>	
UDP Port	697
TCP Port	697
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VACDSM-APP

<b>Name/CLI Keyword</b>	vacdsm-app
<b>Full Name</b>	VACDSM-APP
<b>Description</b>	Registered with IANA on port 671 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:671
<b>ID</b>	579
<b>Known Mappings</b>	
UDP Port	671
TCP Port	671
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# VACDSM-SWS

<b>Name/CLI Keyword</b>	vacdsm-sws
<b>Full Name</b>	VACDSM-SWS
<b>Description</b>	Registered with IANA on port 670 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:670
<b>ID</b>	578
<b>Known Mappings</b>	
UDP Port	670
TCP Port	670
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VATP

<b>Name/CLI Keyword</b>	vatp
<b>Full Name</b>	Velazquez Application Transfer Protocol
<b>Description</b>	Registered with IANA on port 690 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:690
<b>ID</b>	598
<b>Known Mappings</b>	
UDP Port	690
TCP Port	690
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VDOLIVE

<b>Name/CLI Keyword</b>	vdolive
<b>Full Name</b>	VDOLive
<b>Description</b>	VDOLive is a real time video-audio streaming and broadcasting player that is used in many different applications. The player is available both as a Netscape plug-in and as an Internet Explorer ActiveX control.
<b>Reference</b>	<a href="http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html">http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html</a>
<b>Global ID</b>	L7:425
<b>ID</b>	50
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VEMMI

<b>Name/CLI Keyword</b>	vemmi
<b>Full Name</b>	vemmi
<b>Description</b>	VEMMI is an international standard defining the user interface and client/server protocol for on-line multimedia interactive services. VEMMI allows to create on-line multimedia and hypermedia services that could be accessed from any user owning a PC or Mac personal computer running a VEMMI client software, using any network (Internet, ISDN, videotex etc.) to access the multimedia server.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2122">http://tools.ietf.org/html/rfc2122</a>
<b>Global ID</b>	L4:575
<b>ID</b>	489
<b>Known Mappings</b>	
UDP Port	575
TCP Port	575
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VENTRILO

<b>Name/CLI Keyword</b>	ventrilo
<b>Full Name</b>	Ventrilo
<b>Description</b>	Ventrilo is the next generation of VoIP communication software that also includes chat messages. It is based on client-server architecture. Both server and client applications are available on various platforms, including Microsoft Windows and MAC OS X.
<b>Reference</b>	<a href="http://www.ventrilo.com/">http://www.ventrilo.com/</a>
<b>Global ID</b>	L7:446
<b>ID</b>	1069
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VIBER

<b>Name/CLI Keyword</b>	viber
<b>Full Name</b>	Viber
<b>Description</b>	Viber is a VoIP application for iPhone and Android phones that lets users make free phone calls and send text messages to anyone who also has the application installed. The application uses 3G or Wi-Fi connection to access the internet.
<b>Reference</b>	<a href="http://www.viber.com/">http://www.viber.com/</a>
<b>Global ID</b>	L7:1320
<b>ID</b>	1320
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VID

<b>Name/CLI Keyword</b>	vid
<b>Full Name</b>	Vid
<b>Description</b>	Logitech Vid is a Video-over-IP service based on SightSpeed. It is used by consumers with Logitech webcams.
<b>Reference</b>	<a href="http://www.sightspeed.com/">http://www.sightspeed.com/</a>
<b>Global ID</b>	L4:769
<b>ID</b>	639
<b>Known Mappings</b>	
UDP Port	769
TCP Port	769
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VIDEO-OVER-HTTP

<b>Name/CLI Keyword</b>	video-over-http
<b>Full Name</b>	Video Over HTTP
<b>Description</b>	Video over HTTP represents the transfer of video data over HTTP protocol. The classification identifies different video formats. If a flow is classified as a more specific protocol, it will not be classified by video-over-http.
<b>Reference</b>	
<b>Global ID</b>	L7:432
<b>ID</b>	122
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http



# VIDEOTEX

<b>Name/CLI Keyword</b>	videotex
<b>Full Name</b>	videotex
<b>Description</b>	videotex
<b>Reference</b>	
<b>Global ID</b>	L4:516
<b>ID</b>	433
<b>Known Mappings</b>	
UDP Port	516
TCP Port	516
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## VIRTUAL-PLACES

<b>Name/CLI Keyword</b>	virtual-places
<b>Full Name</b>	virtual-places
<b>Description</b>	Virtual places software
<b>Reference</b>	
<b>Global ID</b>	L4:1533
<b>ID</b>	1385
<b>Known Mappings</b>	
UDP Port	1533
TCP Port	1533
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VISA

<b>Name/CLI Keyword</b>	visa
<b>Full Name</b>	visa
<b>Description</b>	VISA Protocol
<b>Reference</b>	
<b>Global ID</b>	L3:70
<b>ID</b>	824
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	70
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VMNET

<b>Name/CLI Keyword</b>	vmnet
<b>Full Name</b>	VMNet
<b>Description</b>	VMNet is a virtual networking program that has been written to implement virtual networking support for the Hercules S/390 simulator, but it is intentionally generic in its functionality, so any other virtual machine simulator/emulator program could potentially use it.
<b>Reference</b>	<a href="http://www.tldp.org/LDP/Linux-Dictionary/html/v.html">http://www.tldp.org/LDP/Linux-Dictionary/html/v.html</a>
<b>Global ID</b>	L4:175
<b>ID</b>	1020
<b>Known Mappings</b>	
UDP Port	175
TCP Port	175
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VMPWSCS

<b>Name/CLI Keyword</b>	vmpwscs
<b>Full Name</b>	VM PWSCS
<b>Description</b>	Registered with IANA on port 214 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:214
<b>ID</b>	1111
<b>Known Mappings</b>	
UDP Port	214
TCP Port	214
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VMTP

<b>Name/CLI Keyword</b>	vmtp
<b>Full Name</b>	VERSATILE MESSAGE TRANSACTION PROTOCOL
<b>Description</b>	Versatile Message Transaction Protocol (VMTP) is a transport protocol specifically designed to support the transaction model of communication, as exemplified by remote procedure call (RPC). The full function of VMTP, including support for security, real-time, asynchronous message exchanges, streaming, multicast and idempotency, provides a rich selection to the VMTP user level.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1045">http://tools.ietf.org/html/rfc1045</a>
<b>Global ID</b>	L3:81
<b>ID</b>	835
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	81
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## VMWARE-FDM

<b>Name/CLI Keyword</b>	vmware-fdm
<b>Full Name</b>	VMware Fault Domain Manager
<b>Description</b>	VMware Fault Domain Manager is a service of vSphere High Availability (HA) and vSphere Fault Tolerance. This service monitors the availability and power state of virtual machines, and restarts protected virtual machines when they fail. vSphere is a software of the VMWare suite, which is a virtualization software suite. Fault Domain manager typically uses TCP/UDP port 8182.
<b>Reference</b>	<a href="http://www.vmware.com/go/pspxpvmware/vsphere-50GUID-742E045C94910ACBA-DF42E97ED811.html">http://www.vmware.com/go/pspxpvmware/vsphere-50GUID-742E045C94910ACBA-DF42E97ED811.html</a>
<b>Global ID</b>	L4:8182
<b>ID</b>	1394
<b>Known Mappings</b>	
UDP Port	8182
TCP Port	8182
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VMWARE-VIEW

<b>Name/CLI Keyword</b>	vmware-view
<b>Full Name</b>	Vmware View
<b>Description</b>	VMware Views is a commercial desktop-virtualization product developed by VMware, Inc. VMware View provides remote desktop capabilities to users using VMware's virtualization technology. A client desktop operating system is run within a virtual environment on a server.
<b>Reference</b>	<a href="http://www.vmware.com/products/view/overview.html">http://www.vmware.com/products/view/overview.html</a>
<b>Global ID</b>	L7:476
<b>ID</b>	1426
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-group
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy



## VMWARE-VMOTION

<b>Name/CLI Keyword</b>	vmware-vmotion
<b>Full Name</b>	Vmware Vmotion
<b>Description</b>	VMware vMotion is a feature of VMware cluster that allows the migration of operational guest virtual machines between similar but separate hardware hosts sharing the same storage. Each of these transitions is completely transparent to any users on the virtual machine at the time it is being migrated.
<b>Reference</b>	<a href="http://www.vmware.com/products/vmotion/overview.html">http://www.vmware.com/products/vmotion/overview.html</a>
<b>Global ID</b>	L7:493
<b>ID</b>	1429
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	desktop-virtualization
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VNAS

<b>Name/CLI Keyword</b>	vnas
<b>Full Name</b>	vnas
<b>Description</b>	Registered with IANA on port 577 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:577
<b>ID</b>	491
<b>Known Mappings</b>	
UDP Port	577
TCP Port	577
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VNC

<b>Name/CLI Keyword</b>	vnc
<b>Full Name</b>	Virtual Network Computing
<b>Description</b>	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote Framebuffer (RFB) protocol to remotely control another computer. The VNC session is established through an installed application.
<b>Reference</b>	<a href="http://www.realvnc.com/">http://www.realvnc.com/</a>
<b>Global ID</b>	L7:100
<b>ID</b>	100
<b>Known Mappings</b>	
UDP Port	5800,5900,5901
TCP Port	5800,5900,5901
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vnc-group
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VNC-HTTP

<b>Name/CLI Keyword</b>	vnc-http
<b>Full Name</b>	VNC over HTTP
<b>Description</b>	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote FrameBuffer protocol (RFB protocol) to remotely control another computer. It transmits the keyboard and mouse events from one computer to another. VNC is platform-independent "a VNC viewer on one operating system may connect to a VNC server on the same or any other operating system". VNC-HTTP establishes a VNC session from a Java-capable browser .The underlying protocol is HTTP.
<b>Reference</b>	<a href="http://www.realvnc.com/">http://www.realvnc.com/</a>
<b>Global ID</b>	L7:485
<b>ID</b>	1414
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vnc-group
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# VPP

<b>Name/CLI Keyword</b>	vpp
<b>Full Name</b>	Virtual Presence Protocol
<b>Description</b>	The Virtual Presence Protocol (VPP) is used to enable the exchange of document based virtual presence information. Virtual presence information is the foundation for virtual neighborhood services which provide users with information about virtual neighbors, i.e. other users who are close within the virtual document space. VPP enables the creation of dynamic vicinities based on hypertext references. It is not meant to replace or supersede presence notification protocols, but it augments online presence with location information. The purpose of presence notification protocols is to tell whether another individual is online or arrives online, etc.
<b>Reference</b>	<a href="http://tools.ietf.org/id/draft-wolf-vpp-01.txt">http://tools.ietf.org/id/draft-wolf-vpp-01.txt</a>
<b>Global ID</b>	L4:677
<b>ID</b>	585
<b>Known Mappings</b>	
UDP Port	677
TCP Port	677
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## VPPS-QUA

<b>Name/CLI Keyword</b>	vpps-qua
<b>Full Name</b>	VVPS-Qua
<b>Description</b>	Registered with IANA on port 672 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:672
<b>ID</b>	580
<b>Known Mappings</b>	
UDP Port	672
TCP Port	672
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VPPS-VIA

<b>Name/CLI Keyword</b>	vpps-via
<b>Full Name</b>	VPPS-Via
<b>Description</b>	Registered with IANA on port 676 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:676
<b>ID</b>	584
<b>Known Mappings</b>	
UDP Port	676
TCP Port	676
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VRRP

<b>Name/CLI Keyword</b>	vrrp
<b>Full Name</b>	Virtual Router Redundancy Protocol
<b>Description</b>	Virtual Router Redundancy Protocol (VRRP) is a network protocol providing an automatic assignment of IP protocols to participating hosts. The protocol is designed to eliminate the single point of failure inherent in the static default routed environment. VRRP is IP protocol number 112.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5798">http://tools.ietf.org/html/rfc5798</a>
<b>Global ID</b>	L3:112
<b>ID</b>	866
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	112
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# VSINET

<b>Name/CLI Keyword</b>	vsinet
<b>Full Name</b>	vsinet
<b>Description</b>	Registered with IANA on port 996 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:996
<b>ID</b>	675
<b>Known Mappings</b>	
UDP Port	996
TCP Port	996
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VSLMP

<b>Name/CLI Keyword</b>	vslmp
<b>Full Name</b>	vslmp
<b>Description</b>	Registered with IANA on port 312 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:312
<b>ID</b>	1152
<b>Known Mappings</b>	
UDP Port	312
TCP Port	312
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



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# WAP-PUSH

<b>Name/CLI Keyword</b>	wap-push
<b>Full Name</b>	WAP PUSH
<b>Description</b>	A WAP Push is a specially encoded message which includes a link to a Wireless Application Protocol (WAP) address. WAP Push was specified on top of WAP Datagram Protocol (WDP). As such, it can be delivered over any WDP-supported bearer, such as GPRS or SMS. WAP Push is an ideal technology for reaching users of legacy devices that have limited message content, formatting and viewing capabilities. This technology can deliver WAP Push messages to the user which in turn may be viewed by them in their device browser.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Wireless_Application_Protocol">http://en.wikipedia.org/wiki/Wireless_Application_Protocol</a>
<b>Global ID</b>	L4:2948
<b>ID</b>	725
<b>Known Mappings</b>	
UDP Port	2948
TCP Port	2948
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## WAP-PUSH-HTTP

<b>Name/CLI Keyword</b>	wap-push-http
<b>Full Name</b>	WAP Push OTA-HTTP port
<b>Description</b>	WAP-Push OTA-HTTP is used for asynchronous communication between a PPG (Push Proxy Gateway) and a WAP client, utilizing HTTP services.
<b>Reference</b>	<a href="http://www.openmobilealliance.org/tech/affiliates/wap/wap-235-pushota-20010425-a.pdf">http://www.openmobilealliance.org/tech/affiliates/wap/wap-235-pushota-20010425-a.pdf</a>
<b>Global ID</b>	L4:4035
<b>ID</b>	727
<b>Known Mappings</b>	
UDP Port	4035
TCP Port	4035
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-PUSH-HTTPS

<b>Name/CLI Keyword</b>	wap-push-https
<b>Full Name</b>	WAP Push OTA-HTTP secure
<b>Description</b>	The Wireless Application Protocol(WAP) is a technical standard for accessing information over a mobile wireless network. WAP Push allows WAP content to be pushed to the mobile handset with minimum user intervention.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Wireless_Application_Protocol#WAP_Push">http://en.wikipedia.org/wiki/Wireless_Application_Protocol#WAP_Push</a>
<b>Global ID</b>	L4:4036
<b>ID</b>	728
<b>Known Mappings</b>	
UDP Port	4036
TCP Port	4036
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-PUSHSECURE

<b>Name/CLI Keyword</b>	wap-pushsecure
<b>Full Name</b>	WAP Push Secure
<b>Description</b>	WAP Push Secure is the secured version of WAP Push. WAP Push is a protocol enabling the delivery of content to a mobile device with no prior user interaction.
<b>Reference</b>	<a href="http://www.lasalle.edu/~beatty430/wireless/toolkit/wap_push_library/pdf/WAP_Push_Tech_Overview.pdf">http://www.lasalle.edu/~beatty430/wireless/toolkit/wap_push_library/pdf/WAP_Push_Tech_Overview.pdf</a>
<b>Global ID</b>	L4:2949
<b>ID</b>	726
<b>Known Mappings</b>	
UDP Port	2949
TCP Port	2949
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# WAP-VCAL

<b>Name/CLI Keyword</b>	wap-vcap
<b>Full Name</b>	WAP vCal
<b>Description</b>	Registered with IANA on port 9205 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:9205
<b>ID</b>	734
<b>Known Mappings</b>	
UDP Port	9205
TCP Port	9205
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## WAP-VCAL-S

<b>Name/CLI Keyword</b>	wap-vcal-s
<b>Full Name</b>	WAP vCal Secure
<b>Description</b>	Registered with IANA on port 9207 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:9207
<b>ID</b>	736
<b>Known Mappings</b>	
UDP Port	9207
TCP Port	9207
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-VCARD

<b>Name/CLI Keyword</b>	wap-vcard
<b>Full Name</b>	WAP vCard
<b>Description</b>	Internet Mail Consortium (IMC) electronic business card.
<b>Reference</b>	<a href="http://www.wapforum.org/what/technical/SPEC-WAESpec-19990524.pdf">http://www.wapforum.org/what/technical/SPEC-WAESpec-19990524.pdf</a>
<b>Global ID</b>	L4:9204
<b>ID</b>	733
<b>Known Mappings</b>	
UDP Port	9204
TCP Port	9204
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-VCARD-S

<b>Name/CLI Keyword</b>	wap-vcard-s
<b>Full Name</b>	WAP vCard Secure
<b>Description</b>	Registered with IANA on port 9206 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:9206
<b>ID</b>	735
<b>Known Mappings</b>	
UDP Port	9206
TCP Port	9206
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-WSP

<b>Name/CLI Keyword</b>	wap-wsp
<b>Full Name</b>	WAP connectionless session service
<b>Description</b>	Wireless Session Protocol (WSP) is an open standard for maintaining high level session. Wireless session is a normal Web browsing session that starts when the user connects to one URL and ends when the user leaves that URL. By establishing the session, the session wide properties need only to be defined once at the beginning of the session. This has the benefit of saving bandwidth due to the nature of the wireless communication. The session establishing process does not have lengthy hand shaking mechanisms.
<b>Reference</b>	<a href="http://vallejo.cc/proyectos/envio%20sms_files/OMA-WAP-ProvCont-v1_1-20050428-C.pdf">http://vallejo.cc/proyectos/envio%20sms_files/OMA-WAP-ProvCont-v1_1-20050428-C.pdf</a>
<b>Global ID</b>	L4:9200
<b>ID</b>	729
<b>Known Mappings</b>	
UDP Port	9200
TCP Port	9200
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WAP-WSP-S

<b>Name/CLI Keyword</b>	wap-wsp-s
<b>Full Name</b>	WAP secure connectionless session service
<b>Description</b>	Registered with IANA on port 9202 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:9202
<b>ID</b>	731
<b>Known Mappings</b>	
UDP Port	9202
TCP Port	9202
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## WAP-WSP-WTP

<b>Name/CLI Keyword</b>	wap-wsp-wtp
<b>Full Name</b>	WAP session service
<b>Description</b>	Wireless Transaction Protocol (WTP) is a standard used in mobile telephony. It is a layer of the Wireless Application Protocol (WAP) that is intended to bring Internet access to mobile phones.
<b>Reference</b>	<a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
<b>Global ID</b>	L4:9201
<b>ID</b>	730
<b>Known Mappings</b>	
UDP Port	9201
TCP Port	9201
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## WAP-WSP-WTP-S

<b>Name/CLI Keyword</b>	wap-wsp-wtp-s
<b>Full Name</b>	WAP Secure Session Service
<b>Description</b>	Wireless Transaction Protocol (WTP) is a standard used in mobile telephony. It is a layer of the Wireless Application Protocol (WAP) that is intended to bring Internet access to mobile phones.
<b>Reference</b>	<a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
<b>Global ID</b>	L4:9203
<b>ID</b>	732
<b>Known Mappings</b>	
UDP Port	9203
TCP Port	9203
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	wap-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# WAR-ROCK

<b>Name/CLI Keyword</b>	war-rock
<b>Full Name</b>	War-rock Online Gaming
<b>Description</b>	War Rock is a multiplayer first-person shooter made by the South Korean company, Dream Execution. The game is distributed as a free-to-play, a common form of freeware EULA and available through online downloading. Outside of the Far East, the game is hosted by NexonEU.
<b>Reference</b>	<a href="http://en.warrock.nexoneu.com/">http://en.warrock.nexoneu.com/</a>
<b>Global ID</b>	L4:5330
<b>ID</b>	1395
<b>Known Mappings</b>	
UDP Port	
TCP Port	5330,5340
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WASTE

<b>Name/CLI Keyword</b>	waste
<b>Full Name</b>	Waste
<b>Description</b>	Waste is an encrypted, decentralized peer to peer file sharing client. Users can chat and share files with another, all with strong encryption.
<b>Reference</b>	<a href="http://waste.sourceforge.net/">http://waste.sourceforge.net/</a>
<b>Global ID</b>	L7:421
<b>ID</b>	574
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WB-EXPAK

<b>Name/CLI Keyword</b>	wb-expak
<b>Full Name</b>	Wideband EXPAK
<b>Description</b>	Registered with IANA as IP Protocol 79
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:79
<b>ID</b>	833
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	79
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WB-MON

<b>Name/CLI Keyword</b>	wb-mon
<b>Full Name</b>	WIDEBAND Monitoring
<b>Description</b>	Registered with IANA as IP Protocol 78
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:78
<b>ID</b>	832
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	78
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WCCP

<b>Name/CLI Keyword</b>	wccp
<b>Full Name</b>	Web Cache Communication Protocol
<b>Description</b>	Web Cache Communication Protocol (WCCP) is a routing-cache protocol developed by Cisco. The protocol localizes network traffic and "intelligently" distributes load across multiple network caches for maximized download performance and content availability. WCCP usually uses TCP/UDP port 2048.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/docs/ios/12_0t/12_0t3/feature/guide/wccp.html">http://www.cisco.com/en/US/docs/ios/12_0t/12_0t3/feature/guide/wccp.html</a>
<b>Global ID</b>	L4:2048
<b>ID</b>	1396
<b>Known Mappings</b>	
UDP Port	2048
TCP Port	2048
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WEBEX-APP-SHARING

<b>Name/CLI Keyword</b>	webex-app-sharing
<b>Full Name</b>	Webex Application Sharing
<b>Description</b>	WebEx-App-Sharing is granular classification of WebEx protocol application sharing traffic, configured with HTTP-proxy.
<b>Reference</b>	<a href="http://www.webex.com/">http://www.webex.com/</a>
<b>Global ID</b>	L7:546
<b>ID</b>	1480
<b>Known Mappings</b>	
UDP Port	53,5353,9000
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	webex-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	enterprise-media-conferencing
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,webex-meeting,dns,ssl

## WEBEX-MEDIA

<b>Name/CLI Keyword</b>	webex-media
<b>Full Name</b>	Webex Media
<b>Description</b>	WebEx-Media is granular classification of WebEx protocol video, audio, and file sharing traffic, configured with HTTP-proxy.
<b>Reference</b>	<a href="http://www.webex.com/">http://www.webex.com/</a>
<b>Global ID</b>	L7:545
<b>ID</b>	1479
<b>Known Mappings</b>	
UDP Port	53,5353,9000
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	webex-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,webex-meeting,dns,ssl

# WEBEX-MEETING

<b>Name/CLI Keyword</b>	webex-meeting
<b>Full Name</b>	WebEx Meeting
<b>Description</b>	WebEx is an application that provides online meeting, web conferencing and video conferencing services. It recreates face-to-face meetings with real-time data, application-, audio- and video-sharing capabilities. The underlying protocol Webex uses is SSL. Audio over webex: represents the transfer of audio traffic over the Webex application. Video over webex: represents the transfer of video traffic over the Webex application. Specifies the data type: represents which payload webex is transferring- audio/video.
<b>Reference</b>	<a href="http://www.webex.com/overview/index.html">http://www.webex.com/overview/index.html</a>
<b>Global ID</b>	L7:414
<b>ID</b>	1306
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	webex-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# WEBSense

<b>Name/CLI Keyword</b>	websense
<b>Full Name</b>	Websense
<b>Description</b>	Websense is a company specializing in web filtering software. Their software is used by customers to protect their networks from unwanted or inappropriate usage.
<b>Reference</b>	<a href="http://www.websense.com/">http://www.websense.com/</a>
<b>Global ID</b>	L4:15868
<b>ID</b>	1369
<b>Known Mappings</b>	
UDP Port	
TCP Port	15868,15871
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	internet-privacy
<b>Sub Category</b>	internet-privacy
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WEBSTER

<b>Name/CLI Keyword</b>	webster
<b>Full Name</b>	webster
<b>Description</b>	The webster protocol supports access to a single dictionary and (optionally) to a single thesaurus.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2229">http://tools.ietf.org/html/rfc2229</a>
<b>Global ID</b>	L4:765
<b>ID</b>	637
<b>Known Mappings</b>	
UDP Port	765
TCP Port	765
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WEBTHUNDER

<b>Name/CLI Keyword</b>	webthunder
<b>Full Name</b>	Webthunder
<b>Description</b>	Webthunder is a peer to peer file sharing application. It works over the HTTP protocol and is popular in China.
<b>Reference</b>	<a href="http://my.xunlei.com/setup.htm">http://my.xunlei.com/setup.htm</a>
<b>Global ID</b>	L7:445
<b>ID</b>	1055
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xunlei-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,xunlei

# WHATSAPP

<b>Name/CLI Keyword</b>	whatsapp
<b>Full Name</b>	whatsApp
<b>Description</b>	WhatsApp Messenger is a proprietary, cross-platform instant messaging application for smartphones. In addition to text messaging, users can send images, location, contacts, and video and audio media messages.
<b>Reference</b>	<a href="http://www.whatsapp.com">http://www.whatsapp.com</a>
<b>Global ID</b>	L7:553
<b>ID</b>	1488
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	instant-messaging
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl, spdy, http

# WHOAMI

<b>Name/CLI Keyword</b>	whoami
<b>Full Name</b>	whoami
<b>Description</b>	Registered with IANA on port 565 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:565
<b>ID</b>	480
<b>Known Mappings</b>	
UDP Port	565
TCP Port	565
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WHOIS++

<b>Name/CLI Keyword</b>	whois++
<b>Full Name</b>	whois++ Service
<b>Description</b>	WHOIS++ is an extension to the trivial WHOIS service (a TCP transaction based query/response server, running on the SRI-NIC machine, that provides netwide directory service to internet users) to permit WHOIS-like servers to make available more structured information to the Internet.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1835">http://www.ietf.org/rfc/rfc1835</a>
<b>Global ID</b>	L4:63
<b>ID</b>	86
<b>Known Mappings</b>	
UDP Port	63
TCP Port	63
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WINDOWS-AZURE

<b>Name/CLI Keyword</b>	windows-azure
<b>Full Name</b>	Microsoft Windows Azure
<b>Description</b>	Windows Azure is an open and flexible cloud platform that enables users to build, deploy, and manage applications across a global network of Microsoft-managed data centers. Users can build applications using any language tool or framework, and can integrate thier public cloud applications with their existing IT environment.
<b>Reference</b>	<a href="https://www.windowsazure.com/en-us/">https://www.windowsazure.com/en-us/</a>
<b>Global ID</b>	L7:510
<b>ID</b>	1445
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,spdy

# WINDOVS-STORE

<b>Name/CLI Keyword</b>	windows-store
<b>Full Name</b>	Microsoft Windows Store
<b>Description</b>	Windows store is an application store operated by Microsoft. It has free and paid applications, as well as desktop and mobile applications written for Windows and Windows mobile.
<b>Reference</b>	<a href="http://www.windowsstore.com/">http://www.windowsstore.com/</a>
<b>Global ID</b>	L7:590
<b>ID</b>	1529
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	-
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http



# WINDOWS-UPDATE

<b>Name/CLI Keyword</b>	windows-update
<b>Full Name</b>	Windows Update
<b>Description</b>	Windows Update is a Control Panel applet found in recent versions of Microsoft Windows that provides updates for the operating system and related components, such as definition updates to the Windows Defender anti-spyware product and Junk Mail filter updates for Windows Mail. It uses HTTP and SSL protocols as underlying protocols.
<b>Reference</b>	<a href="http://technet.microsoft.com/en-us/library/cc732448%28WS.10%29.aspx">http://technet.microsoft.com/en-us/library/cc732448%28WS.10%29.aspx</a>
<b>Global ID</b>	L7:415
<b>ID</b>	1307
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WINMX

<b>Name/CLI Keyword</b>	winmx
<b>Full Name</b>	WinMX
<b>Description</b>	WinMX is a freeware peer-to-peer file sharing client developed by Frontcode Technologies in 2001. It runs on Windows OS.
<b>Reference</b>	<a href="http://compnetworking.about.com/od/winmx/f/winmxstatus.htm">http://compnetworking.about.com/od/winmx/f/winmxstatus.htm</a>
<b>Global ID</b>	L7:68
<b>ID</b>	68
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WINNY

<b>Name/CLI Keyword</b>	winny
<b>Full Name</b>	Winny
<b>Description</b>	Winny is a Japanese Peer to Peer file sharing protocol, it works on windows OS. The protocol was based on WinMX.
<b>Reference</b>	<a href="http://arufa.wordpress.com/2008/08/10/winnys-protocol-handshake/">http://arufa.wordpress.com/2008/08/10/winnys-protocol-handshake/</a>
<b>Global ID</b>	L7:469
<b>ID</b>	372
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	p2p-file-transfer
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WLCCP

<b>Name/CLI Keyword</b>	wlccp
<b>Full Name</b>	Wireless LAN Context Control Protocol
<b>Description</b>	Wireless LAN Context Control Protocol (WLCCP) is used by Cisco wireless access points and servers to manage a multiple access point wireless infrastructure called Wireless Domain Services (WDS).
<b>Reference</b>	<a href="http://www.google.com/patents/US20050220054">http://www.google.com/patents/US20050220054</a>
<b>Global ID</b>	L4:2887
<b>ID</b>	1397
<b>Known Mappings</b>	
UDP Port	2887
TCP Port	2887
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WORLD FUSION

<b>Name/CLI Keyword</b>	worldfusion
<b>Full Name</b>	World Fusion
<b>Description</b>	Registered with IANA on port 2595 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:2595
<b>ID</b>	719
<b>Known Mappings</b>	
UDP Port	2595
TCP Port	2595
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WPGS

<b>Name/CLI Keyword</b>	wpgs
<b>Full Name</b>	wpgs
<b>Description</b>	Registered with IANA on port 780 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:780
<b>ID</b>	651
<b>Known Mappings</b>	
UDP Port	780
TCP Port	780
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# WSN

<b>Name/CLI Keyword</b>	wsn
<b>Full Name</b>	Wang Span Network
<b>Description</b>	Registered with IANA as IP Protocol 74
<b>Reference</b>	<a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a>
<b>Global ID</b>	L3:74
<b>ID</b>	828
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	74
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XACT-BACKUP

<b>Name/CLI Keyword</b>	xact-backup
<b>Full Name</b>	xact-backup
<b>Description</b>	xact-backup
<b>Reference</b>	
<b>Global ID</b>	L4:911
<b>ID</b>	667
<b>Known Mappings</b>	
UDP Port	911
TCP Port	911
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	backup-systems
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# X-BONE-CTL

<b>Name/CLI Keyword</b>	x-bone-ctl
<b>Full Name</b>	Xbone CTL
<b>Description</b>	The X-Bone is a system for the automated deployment, management, coordination, and monitoring of IP overlay networks. Its core is composed of Overlay Managers (OM) which deploy and coordinate the overlay itself, and Resource Daemons (RD), which coordinate the resources of individual network components. The X-Bone Control protocol is used for exchanges between the Overlay Manager and the Resource Daemons.
<b>Reference</b>	<a href="http://www.isi.edu/xbone/information/architecture.html#ctl">http://www.isi.edu/xbone/information/architecture.html#ctl</a>
<b>Global ID</b>	L4:265
<b>ID</b>	1137
<b>Known Mappings</b>	
UDP Port	265
TCP Port	265
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	network-protocol
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XDMCP

<b>Name/CLI Keyword</b>	xmcp
<b>Full Name</b>	X Display Manager Control Protocol
<b>Description</b>	In the X Window System, an X display manager runs as a program that allows the starting of a session on an X server from the same or another computer.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/X_display_manager_(program_type)">http://en.wikipedia.org/wiki/X_display_manager_(program_type)</a>
<b>Global ID</b>	L4:177
<b>ID</b>	109
<b>Known Mappings</b>	
UDP Port	177
TCP Port	177
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	remote-access-terminal
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XDTP

<b>Name/CLI Keyword</b>	xntp
<b>Full Name</b>	eXtensible Data Transfer Protocol
<b>Description</b>	Xpress Transport Protocol (XTP) is a transport layer protocol for high-speed networks promoted by the XTP Forum developed to replace TCP. XTP provides protocol options for error control, flow control, and rate control. Instead of separate protocols for each type of communication, XTP controls packet exchange patterns to produce different models, e.g. reliable datagrams, transactions, unreliable streams, and reliable multicast connections.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Xpress_Transport_Protocol">http://en.wikipedia.org/wiki/Xpress_Transport_Protocol</a>
<b>Global ID</b>	L4:3088
<b>ID</b>	741
<b>Known Mappings</b>	
UDP Port	3088
TCP Port	3088
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XFER

<b>Name/CLI Keyword</b>	xfer
<b>Full Name</b>	Xfer Utility
<b>Description</b>	The Xfer utility is used by domain name servers (DNS) to perform zone transfers.
<b>Reference</b>	<a href="http://docs.oracle.com/cd/E19048-01/chorus5/806-7012/6jftqmea6/index.html">http://docs.oracle.com/cd/E19048-01/chorus5/806-7012/6jftqmea6/index.html</a>
<b>Global ID</b>	L4:82
<b>ID</b>	955
<b>Known Mappings</b>	
UDP Port	82
TCP Port	82
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XFIRE

<b>Name/CLI Keyword</b>	xfire
<b>Full Name</b>	Xfire Instant Messaging Service
<b>Description</b>	Xfire is a proprietary freeware instant messaging service for gamers, that also serves as a game server browser and has various other features. It is currently available for Microsoft Windows.
<b>Reference</b>	<a href="http://www.xfire.com/">http://www.xfire.com/</a>
<b>Global ID</b>	L4:25999
<b>ID</b>	1371
<b>Known Mappings</b>	
UDP Port	
TCP Port	25999
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	gaming
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XMPP-CLIENT

<b>Name/CLI Keyword</b>	xmpp-client
<b>Full Name</b>	XMPP Client Connection
<b>Description</b>	Extensible Messaging and Presence Protocol (XMPP) is an open-standard communications protocol for message-oriented middleware based on XML. The protocol was originally named Jabber, and was developed for near-real-time, extensible instant messaging (IM), presence information, and contact list maintenance. The protocol today is also used in VoIP and file transfer signaling.
<b>Reference</b>	<a href="http://xmpp.org/xmpp-software/clients/">http://xmpp.org/xmpp-software/clients/</a>
<b>Global ID</b>	L4:5222
<b>ID</b>	1323
<b>Known Mappings</b>	
UDP Port	5222
TCP Port	5222
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNET

<b>Name/CLI Keyword</b>	xnet
<b>Full Name</b>	Cross Net Debugger
<b>Description</b>	Cross Net Debugger allows a programmer at one computer on a network to debug a program which executes on another computer.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc685">http://tools.ietf.org/html/rfc685</a>
<b>Global ID</b>	L3:15
<b>ID</b>	770
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	15
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNS-AUTH

<b>Name/CLI Keyword</b>	xns-auth
<b>Full Name</b>	Xerox Network Services Authentication
<b>Description</b>	Xerox Network Services(XNS) is a protocol suite developed by Xerox within the Xerox Network Systems Architecture. It provided general purpose network communications, internet routing and packet delivery, including higher level functions such as reliable stream, and remote procedure calls. XNS predated and influenced the development of the Open Systems Interconnection(OSI) networking model.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Xerox_Network_Systems">http://en.wikipedia.org/wiki/Xerox_Network_Systems</a>
<b>Global ID</b>	L4:56
<b>ID</b>	936
<b>Known Mappings</b>	
UDP Port	56
TCP Port	56
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-



# XNS-CH

<b>Name/CLI Keyword</b>	xns-ch
<b>Full Name</b>	XNS Clearinghouse
<b>Description</b>	Xerox Network Services Clearinghouse (XNS Clearinghouse) is part of the XNS network protocol suite, used by Xerox to provide network services such as mail, filing, directory, and authentication for the installed base of Xerox workstations.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1491">http://tools.ietf.org/html/rfc1491</a>
<b>Global ID</b>	L4:54
<b>ID</b>	934
<b>Known Mappings</b>	
UDP Port	54
TCP Port	54
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNS-COURIER

<b>Name/CLI Keyword</b>	xns-courier
<b>Full Name</b>	Xerox
<b>Description</b>	Xerox Network Services (XNS) Courier is a remote procedure call protocol above which run Application protocols of XNS protocol suite. This suite provided general purpose network communications, internetwork routing and packet delivery, including higher level functions such as a reliable stream, and remote procedure calls. XNS predated and influenced the development of the Open Systems Interconnect (OSI) networking model.
<b>Reference</b>	<a href="http://www.pulsewan.com/data101/pdfs/xns.pdf">http://www.pulsewan.com/data101/pdfs/xns.pdf</a>
<b>Global ID</b>	L4:165
<b>ID</b>	1010
<b>Known Mappings</b>	
UDP Port	165
TCP Port	165
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNS-IDP

<b>Name/CLI Keyword</b>	xns-idp
<b>Full Name</b>	xns-idp
<b>Description</b>	XEROX NS IDP
<b>Reference</b>	
<b>Global ID</b>	L3:22
<b>ID</b>	776
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	22
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNS-MAIL

<b>Name/CLI Keyword</b>	xns-mail
<b>Full Name</b>	XNS mail
<b>Description</b>	XNS Mail is part of the Xerox Network Services (XNS) protocol suit, which provides general purpose network communications.
<b>Reference</b>	<a href="http://www.pulsewan.com/data101/pdfs/xns.pdf">http://www.pulsewan.com/data101/pdfs/xns.pdf</a>
<b>Global ID</b>	L4:58
<b>ID</b>	937
<b>Known Mappings</b>	
UDP Port	58
TCP Port	58
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XNS-TIME

<b>Name/CLI Keyword</b>	xns-time
<b>Full Name</b>	XNS Time Protocol
<b>Description</b>	Xerox Network Services Time Protocol (XNS Time Protocol) provides the time at the specific server, along with additional information enabling the client to deduce the time in his or her own time zone. XNS Time Protocol is part of the XNS network protocol suite, used by Xerox to provide mail, filing, directory, authentication, etc. network services for the installed base of Xerox workstations.
<b>Reference</b>	<a href="http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.15.423">http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.15.423</a>
<b>Global ID</b>	L4:52
<b>ID</b>	932
<b>Known Mappings</b>	
UDP Port	52
TCP Port	52
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xns-xerox-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XTP

<b>Name/CLI Keyword</b>	xtp
<b>Full Name</b>	Xpress Transport Protocol
<b>Description</b>	Xpress Transport Protocol (XTP) is a transport layer protocol developed by the XTP Forum for high-speed networks, to replace TCP. XTP provides protocol options for error control, flow control, and rate control. Instead of separate protocols for each type of communication, XTP controls packet exchange patterns to produce different models, e.g. reliable datagrams, transactions, unreliable streams, and reliable multicast connections.
<b>Reference</b>	<a href="http://www.cci.co.za/products/xtp.html">http://www.cci.co.za/products/xtp.html</a>
<b>Global ID</b>	L3:36
<b>ID</b>	790
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	36
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	layer3-over-ip
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XUNLEI

<b>Name/CLI Keyword</b>	xunlei
<b>Full Name</b>	xunlei
<b>Description</b>	Xunlei is a download manager and p2p sharing application. it supports bittorent, edonkey, http and ftp. xunlei also boost download speed using multi source technology.
<b>Reference</b>	<a href="http://www.kankan.com/">http://www.kankan.com/</a>
<b>Global ID</b>	L7:537
<b>ID</b>	1471
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xunlei-group
<b>Category</b>	file-sharing
<b>Sub Category</b>	p2p-file-transfer
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# XUNLEI-KANKAN

<b>Name/CLI Keyword</b>	xunlei-kankan
<b>Full Name</b>	Xunlei Kankan
<b>Description</b>	Xunlei Kankan is a Chinese video sharing website and a desktop application. Xunlei Kankan enables users to watch high quality video content that is available on windows android and iOS.
<b>Reference</b>	<a href="http://www.kankan.com/">http://www.kankan.com/</a>
<b>Global ID</b>	L7:538
<b>ID</b>	1472
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	xunlei-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	Yes
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,dns,quic



# XVTTP

<b>Name/CLI Keyword</b>	xvttp
<b>Full Name</b>	xvttp
<b>Description</b>	Registered with IANA on port 508 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:508
<b>ID</b>	422
<b>Known Mappings</b>	
UDP Port	508
TCP Port	508
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XWINDOWS

<b>Name/CLI Keyword</b>	xwindows
<b>Full Name</b>	X-Windows Remote Access
<b>Description</b>	The X windows system is a computer software system and network protocol that provides a basis for graphical user interfaces (GUIs) and rich input device capability for networked computers. It creates a hardware abstraction layer where software is written to use a generalized set of commands, allowing for device independence and reuse of programs on any computer that implements X windows.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/X_Window_System">http://en.wikipedia.org/wiki/X_Window_System</a>
<b>Global ID</b>	L4:6000
<b>ID</b>	45
<b>Known Mappings</b>	
UDP Port	
TCP Port	6000,6001,6002,6003
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	desktop-virtualization
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# XYPLEX-MUX

<b>Name/CLI Keyword</b>	xyplex-mux
<b>Full Name</b>	Xyplex
<b>Description</b>	Registered with IANA on port 173 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:173
<b>ID</b>	1018
<b>Known Mappings</b>	
UDP Port	173
TCP Port	173
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# YAHOO-ACCOUNTS

<b>Name/CLI Keyword</b>	yahoo-accounts
<b>Full Name</b>	Yahoo! Accounts
<b>Description</b>	Yahoo Accounts is a protocol that covers the traffic of user login into one of multiple web services offered by Yahoo!
<b>Reference</b>	<a href="http://login.yahoo.com">http://login.yahoo.com</a>
<b>Global ID</b>	L7:533
<b>ID</b>	1083
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	yahoo-group
<b>Category</b>	browsing
<b>Sub Category</b>	authentication-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# YAHOO-MAIL

<b>Name/CLI Keyword</b>	yahoo-mail
<b>Full Name</b>	Yahoo! Mail
<b>Description</b>	Yahoo! Mail is a free e-mail service offered by the American search engine company Yahoo!. It was inaugurated in 1997. Yahoo! Mail was the second largest web-based email service with 310 million users as of October 2011, and the most popular webmail service in the United States.
<b>Reference</b>	<a href="http://mail.yahoo.com">http://mail.yahoo.com</a>
<b>Global ID</b>	L7:526
<b>ID</b>	1462
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	yahoo-group
<b>Category</b>	email
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http

# YAHOO-MESSENGER

<b>Name/CLI Keyword</b>	yahoo-messenger
<b>Full Name</b>	Yahoo Messenger
<b>Description</b>	Yahoo messenger is an all-in-one communication tool that uses client-server architecture. The application includes multiple features: instant messaging, phone calls, synchronized online address book, webcam, gaming, emailing and online radio stations.
<b>Reference</b>	<a href="http://messenger.yahoo.com/web/">http://messenger.yahoo.com/web/</a>
<b>Global ID</b>	L7:77
<b>ID</b>	77
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	yahoo-messenger-group
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	socks,http,nntp

# YAHOO-MESSENGER-VIDEO

<b>Name/CLI Keyword</b>	yahoo-messenger-video
<b>Full Name</b>	Yahoo Messenger Video
<b>Description</b>	Yahoo Messenger Video is a feature included in Yahoo Messenger. It uses the webcam to allow users to make private video calls and wide broadcasts.
<b>Reference</b>	<a href="https://messenger.yahoo.com/features/webcam/">https://messenger.yahoo.com/features/webcam/</a>
<b>Global ID</b>	L7:594
<b>ID</b>	1533
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	yahoo-messenger-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-messaging
<b>Sub Category</b>	consumer-multimedia-messaging
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# YAHOO-VOIP-MESSENGER

<b>Name/CLI Keyword</b>	yahoo-voip-messenger
<b>Full Name</b>	Yahoo VoIP Messenger
<b>Description</b>	Yahoo VoIP Messenger is a feature included in Yahoo Messenger. It allows users to make calls PC to PC or PC to landline/mobile. The underlying protocols are SIP and HTTP.
<b>Reference</b>	<a href="http://voice.yahoo.jajah.com/home/index.castle?">http://voice.yahoo.jajah.com/home/index.castle?</a>
<b>Global ID</b>	L7:422
<b>ID</b>	674
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	yahoo-messenger-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,rtp



# YAHOO-VOIP-OVER-SIP

<b>Name/CLI Keyword</b>	yahoo-voip-over-sip
<b>Full Name</b>	Yahoo VoIP over SIP
<b>Description</b>	As a feature of Yahoo messenger, starting from version 8 and above, Yahoo voice uses SIP protocol to commence VoIP calls.
<b>Reference</b>	<a href="http://messenger.yahoo.com/">http://messenger.yahoo.com/</a>
<b>Global ID</b>	L7:302
<b>ID</b>	1195
<b>Known Mappings</b>	
UDP Port	3478,5060
TCP Port	3478,5060
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	yahoo-messenger-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,stun-nat,sip

# YOUTUBE

<b>Name/CLI Keyword</b>	youtube
<b>Full Name</b>	Youtube
<b>Description</b>	YouTube is a video-sharing website. The user can watch videos or upload videos online to share with other users. Youtube works cross platform on: PC, iPhone, Android and BlackBerry. Youtube is using HTTP and RTSP as underlying protocols.
<b>Reference</b>	<a href="http://www.youtube.com/t/about_youtube">http://www.youtube.com/t/about_youtube</a>
<b>Global ID</b>	L7:82
<b>ID</b>	82
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	flash-group
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy,http,rtsp

# Z39.50

<b>Name/CLI Keyword</b>	z39.50
<b>Full Name</b>	Z39.50
<b>Description</b>	Z39.50 is a client-server protocol for searching and retrieving information from remote computer databases.
<b>Reference</b>	<a href="http://www.iso.org/iso/catalogue_detail.htm?csnumber=27446">http://www.iso.org/iso/catalogue_detail.htm?csnumber=27446</a>
<b>Global ID</b>	L4:210
<b>ID</b>	1108
<b>Known Mappings</b>	
UDP Port	210
TCP Port	210
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Application Group</b>	other
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ZANNET

<b>Name/CLI Keyword</b>	zannet
<b>Full Name</b>	Zannet
<b>Description</b>	Registered with IANA on port 317 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:317
<b>ID</b>	1157
<b>Known Mappings</b>	
UDP Port	317
TCP Port	317
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	client-server
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ZATTOO

<b>Name/CLI Keyword</b>	zattoo
<b>Full Name</b>	Zattoo
<b>Description</b>	Zattoo is an online TV service that works on peer to peer technology over a broadband connection. Zattoo works on multiple devices: computer, iPhone, iPod touch or iPad and on various OS: Windows XP, Mac and Linux.
<b>Reference</b>	<a href="http://zattoo.com/en/about-zattoo/what-is-zattoo">http://zattoo.com/en/about-zattoo/what-is-zattoo</a>
<b>Global ID</b>	L7:428
<b>ID</b>	115
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	commercial-media-distribution
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# ZSERV

<b>Name/CLI Keyword</b>	zserv
<b>Full Name</b>	Zebra server
<b>Description</b>	zserv is the server for the ZFTP file transfer program which supports the transfer of ZEBRA RZ formatted files.
<b>Reference</b>	<a href="http://linux.die.net/man/8/zserv">http://linux.die.net/man/8/zserv</a>
<b>Global ID</b>	L4:346
<b>ID</b>	763
<b>Known Mappings</b>	
UDP Port	346
TCP Port	346
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-