Protocol Pack 41.0.0

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Overview

The NBAR2 Protocol Pack 41.0.0 release includes the following updates:

- New protocols: webex-audio, webex-video
- Improvements to classification of several protocols: apple-services, google-play, iperf, mdns, mqtt, ms-services, proxy-server, stun-nat, webex media
- The classification of Cisco Webex traffic has been refined. Where possible, Webex audio streaming, video streaming, and app sharing traffic is classified as webex-audio, webex-video, and webex-app-sharing. Other Webex media traffic is classified as webex-media. Webex non-media traffic, such as connection traffic, and so on, is classified as webex-meeting.
- Cisco Webex Teams traffic is classified as cisco-spark, cisco-spark-audio, cisco-spark-media, or cisco-spark-video.

Supported Platforms

NBAR2 Protocol Pack 41.0.0 is supported on the following platforms:

- Cisco ASR 1000 Series Aggregation Services Routers (ASR1000)
- Cisco 4000 Series Integrated Services Routers (ISR4000)
- Cisco 1100 Series Integrated Service Routers (ISR1100)
- Cisco Cloud Services Router CSR 1000V
- Cisco Catalyst 3650, 3850, and 9300 Series Switches

Supported Releases

NBAR Protocol Pack 41.0.0 is supported on the following releases:

Built-in	Supported on Maintenance Releases
Cisco IOS XE Gibraltar 16.11.1	Routing platforms: Cisco IOS XE Everest 16.6.2 and later maintenance releases of 16.6.x Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x Switching platforms (Catalyst): Cisco IOS XE Everest 16.6.4 and later maintenance releases of 16.6.x Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x

New Protocols

The following protocols were added in NBAR2 Protocol Pack 41.0.0.

Protocol Name	Common Name	Long Description
webex-audio	Webex Audio	Webex provides online meeting, web conferencing, and video conferencing services. It supports face-to-face meetings with real-time sharing of data, audio, video, and apps. Webex uses SSL as its underlying protocol.
webex-video	Webex Video	Webex provides online meeting, web conferencing, and video conferencing services. It supports face-to-face meetings with real-time sharing of data, audio, video, and apps. Webex uses SSL as its underlying protocol.

Updated Protocols

The following protocols have been updated to improve accuracy.

apple-services
google-play
iperf
mdns
mqtt
ms-services
proxy-server
stun-nat
webex-media

Downloading

NBAR2 Protocol Packs are available for download on the Cisco software download page (https://software.cisco.com/download/home). On the download page, specify a platform model to display software available for download. One software option will be **NBAR2 Protocol Packs**.

Example

To display Protocol Packs available for the Cisco ASR 1001 platform, enter "ASR 1001 Router" in the search field.

You can also enter a platform series, such as "ASR 1000 Series," and then select a model from the results.

Additional References

Related Documentation

Related Topic	Document Title
Application Visibility and Control	Cisco Application Visibility and Control User Guide
Classifying Network Traffic Using NBAR	Classifying Network Traffic Using NBAR module
NBAR Protocol Pack	NBAR Protocol Pack module
QoS: NBAR Configuration Guide	QoS: NBAR Configuration Guide, Cisco IOS XE Gibraltar 16.10.x QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.9.x QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.8.x QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.7.x QoS: NBAR Configuration Guide, Cisco IOS XE Everest 16.6.x
QoS Command Reference	Quality of Service Solutions Command Reference

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3COM-AMP3

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

3COM-TSMUX

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

3PC

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

4CHAN

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

58-CITY

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

914C G

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

9PFS

Name/CLI Keyword	9pfs
Full Name	9P
Description	9P(or thePlan 9 Filesystem ProtocolorStyx) is anetwork protocoldeveloped for thePlan 9 from Bell Labsdistributed operating systemas the means of connecting the components of a Plan 9 system. Files are key objects in Plan 9. They representwindows, networkconnections,processes, and almost anything else available in the operating system. UnlikeNFS, 9P encouragescachingand also servingsynthetic files.
Reference	http://en.wikipedia.org/wiki/9P
Global ID	L4:564
ID	479
Known Mappings	
UDP Port	564
TCP Port	564
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ABC-NEWS

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

ACAP

Name/CLI Keyword	acap
Full Name	Application Configuration Access Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2244.txt
Global ID	L4:674
ID	582
Known Mappings	
UDP Port	674
TCP Port	674
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ACAS

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

ACCESSBUILDER

Name/CLI Keyword	accessbuilder
Full Name	AccessBuilder
Description	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.
Reference	http://www.all3com.com/accessbuilder.html
Global ID	L4:888
ID	662
Known Mappings	
UDP Port	888
TCP Port	888
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ACCESSNETWORK

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

ACCUWEATHER

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

ACP

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

ACR-NEMA

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

ACTIVE-DIRECTORY

Name/CLI Keyword	active-directory
Full Name	Active Directory
Description	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.
Reference	http://en.wikipedia.org/wiki/Active_Directory
Global ID	L7:473
ID	1194
Known Mappings	
UDP Port	389
TCP Port	135,139,389,443,445
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ms-rpc,ldap,cifs,ssl

ACTIVESYNC

Name/CLI Keyword	activesync
Full Name	ActiveSync
Description	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.
Reference	http://msdn.microsoft.com/en-us/library/dd299446(v=exchg.80).aspx
Global ID	L7:490
ID	1419
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http

ADCASH

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

ADDTHIS

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

ADOBE-CONNECT

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

ADOBE-SERVICES

Name/CLI Keyword	adobe-services
Full Name	Adobe Services
Description	Tools and APIs used by Adobe applications.
Reference	https://www.adobe.com/
Global ID	L7:1203
ID	1203
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ADP

Name/CLI Keyword	adp
Full Name	Automatic Data Processing
Description	Human resources management software and services.
Reference	https://www.adp.com, https://workcenter.secure.probusiness.com
Global ID	L7:1185
ID	1185
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	unassigned
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ADWEEK

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

AED-512

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

AFPOVERTCP

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

AGENTX

Name/CLI Keyword	agentx
Full Name	AgentX
Description	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.
Reference	http://www.ietf.org/rfc/rfc2741.txt
Global ID	L4:705
ID	609
Known Mappings	
UDP Port	705
TCP Port	705
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AIRBNB

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

AIRPLAY

Name/CLI Keyword	airplay
Full Name	AirPlay
Description	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.
Reference	http://www.apple.com/airplay/
Global ID	L7:549
ID	1483
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtsp,http,itunes

AKAMAI

Name/CLI Keyword	akamai
Full Name	Akamai
Description	Akamai Technologies, Inc. is an American content delivery network (CDN) and cloud services provider. The company operates a network of servers around the world and rents capacity on these servers to customers who want their websites to work faster by distributing content from locations close to the user.
Reference	https://www.akamai.com/
Global ID	L7:1171
ID	1171
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ALIWANGWANG

Name/CLI Keyword	aliwangwang
Full Name	AliWangwang
Description	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.
Reference	http://en.wikipedia.org/wiki/Taobao
Global ID	L7:581
ID	1520
Known Mappings	
UDP Port	53,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,stun-nat,dns,quic

ALLRECIPES

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

ALPES

Name/CLI Keyword	alpes
Full Name	Administration Delocalisee Par Emissions Securisee (remote administration using secured messages)
Description	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.
Reference	http://tools.ietf.org/id/draft-durand-alpes-00.txt
Global ID	L4:463
ID	377
Known Mappings	
UDP Port	463
TCP Port	463
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AMANDA

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

AMAZON

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

AMAZON-CLOUDFRONT

Name/CLI Keyword	amazon-cloudfront
Full Name	Amazon Cloudfront
Description	Amazon CloudFront is a content delivery network offered by Amazon Web Services. Content delivery networks provide a globally-distributed network of proxy servers which cache content.
Reference	https://aws.amazon.com/cloudfront/
Global ID	L7:1249
ID	1249
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

AMAZON-EC2

Name/CLI Keyword	amazon-ec2
Full Name	Amazon EC2
Description	Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.
Reference	https://aws.amazon.com/ec2
Global ID	L7:1247
ID	1247
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-data-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

AMAZON-INSTANT-VIDEO

Name/CLI Keyword	amazon-instant-video
Full Name	Amazon Instant Video
Description	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.
Reference	http://www.amazon.com/Instant-Video/b?node=2858778011
Global ID	L7:602
ID	1541
Known Mappings	
UDP Port	-
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

AMAZON-S3

Name/CLI Keyword	amazon-s3
Full Name	Amazon S3
Description	Amazon S3 provides object storage through web services interfaces (REST, SOAP, and BitTorrent).
Reference	https://aws.amazon.com/s3/
Global ID	L7:1248
ID	1248
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	backup-and-storage
Sub Category	enterprise-cloud-data-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

AMAZON-WEB-SERVICES

Name/CLI Keyword	amazon-web-services
Full Name	Amazon Web Services
Description	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.
Reference	http://aws.amazon.com/
Global ID	L7:603
ID	1542
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	backup-and-storage
Sub Category	enterprise-cloud-data-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

AMEBA

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

AMERICAN-EXPRESS

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

AMINET

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

AN

Name/CLI Keyword	an
Full Name	Active Networks
Description	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.
Reference	http://www.isi.edu/active-signal/ARP/DOCUMENTS/DANCE.ARP.FINAL.pdf
Global ID	L3:107
ID	861
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	107
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ANCESTRY-COM

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

ANDROID-UPDATES

Name/CLI Keyword	android-updates
Full Name	Android Updates
Description	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.
Reference	http://www.android.com/
Global ID	L7:587
ID	1526
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ANET

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

ANSANOTIFY

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

ANSATRADER

Name/CLI Keyword	ansatrader
Full Name	ANSA REX Trader
Description	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.
Reference	http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf
Global ID	L4:124
ID	993
Known Mappings	
UDP Port	124
TCP Port	124
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ANY-HOST-INTERNAL

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

AODV

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

AOL-MESSENGER

Name/CLI Keyword	aol-messenger
Full Name	AOL Instant Messenger Text Chat
Description	AOL Instant Messenger Text Chat is the instant messsaging 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.
Reference	http://www.aim.com/
Global ID	L7:79
ID	79
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,1080,5190,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,aol-protocol,ssl,socks,dns,quic

AOL-MESSENGER-AUDIO

Name/CLI Keyword	aol-messenger-audio
Full Name	AOL Instant Messenger Audio
Description	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.
Reference	http://www.aim.com/
Global ID	L7:500
ID	1436
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat,rtp

AOL-MESSENGER-FT

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

AOL-MESSENGER-VIDEO

Name/CLI Keyword	aol-messenger-video
Full Name	AOL Instant Messenger Video
Description	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.
Reference	http://www.aim.com/
Global ID	L7:501
ID	1437
Known Mappings	
UDP Port	3478
TCP Port	80,3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,rtmp,stun-nat,rtp,aol-messenger-audio,http

AOL-PROTOCOL

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

APC-POWERCHUTE

Name/CLI Keyword	apc-powerchute
Full Name	American Power Conversion PowerChute
Description	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.
Reference	http://www.apc.com/
Global ID	L4:2160
ID	1374
Known Mappings	
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	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

APERTUS-LDP

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

APPLE-APP-STORE

Name/CLI Keyword	apple-app-store
Full Name	Apple App Store
Description	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.
Reference	http://www.apple.com/osx/apps/app-store.html,http://www.apple.com/itunes/features/#store
Global ID	L7:588
ID	1527
Known Mappings	
UDP Port	-
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http

APPLE-IOS-UPDATES

Name/CLI Keyword	apple-ios-updates
Full Name	Apple iOS updates
Description	Apple iOS updates is a service that provides updates for the iOS operating system and its installed components.
Reference	http://www.apple.com/softwareupdate/
Global ID	L7:586
ID	1525
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http

APPLE-LOCATION-SERVICES

Name/CLI Keyword	apple-location-services
Full Name	Apple Location Services
Description	Apple Location Services allows Apple and third-party apps and websites to gather and use information based on the current location of your iPhone or Apple Watch, to provide a variety of location-based services.
Reference	https://www.apple.com/
Global ID	L7:294
ID	294
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	location-based-services
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

APPLE-PAY

Name/CLI Keyword	apple-pay
Full Name	Apple Pay
Description	Apple Pay is a mobile payment and digital wallet service enabling payments by iPhone, Apple Watch, iPad or Mac.
Reference	https://www.apple.com/apple-pay/
Global ID	L7:1117
ID	1117
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

APPLE-PUSH-NOTIFICATION

Name/CLI Keyword	apple-push-notification
Full Name	Apple Push Notification Service
Description	Apple Push Notification Service (APNs) is a platform notification service created by Apple Inc. that enables third party application developers to send notification data to applications installed on Apple devices.
Reference	https://developer.apple.com/go/?id=push-notifications
Global ID	L7:1169
ID	1169
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

APPLE-REMOTE-DESKTOP

Name/CLI Keyword	apple-remote-desktop
Full Name	Apple Remote Desktop
Description	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.
Reference	http://www.apple.com/remotedesktop/
Global ID	L4:3283
ID	1475
Known Mappings	
UDP Port	3283
TCP Port	3283
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	vnc

APPLE-SERVICES

Name/CLI Keyword	apple-services
Full Name	Apple services
Description	apple-services is a set of tools and APIs used by Apple applications such as AppStore and apple website.
Reference	http://www.apple.com
Global ID	L7:577
ID	1516
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	-
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

APPLE-TV-UPDATES

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

APPLE-UPDATES

Name/CLI Keyword	apple-updates
Full Name	Apple Updates
Description	Apple updates provides updates for Apple platforms and applications.
Reference	https://support.apple.com/downloads/
Global ID	L7:1095
ID	1095
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

APPLEJUICE

Name/CLI Keyword	applejuice
Full Name	Apple juice P2P file sharing
Description	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.
Reference	http://www.applejuicenet.de/
Global ID	L4:9022
ID	1375
Known Mappings	
UDP Port	9022
TCP Port	9022
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

APPLEQTC

Name/CLI Keyword	appleqtc
Full Name	Apple QuickTime
Description	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.
Reference	http://www.apple.com/quicktime/
Global ID	L4:458
ID	92
Known Mappings	
UDP Port	458
TCP Port	458
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

APPLEQTCSRVR

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

APPLIX

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

ARCISDMS

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

ARES

Name/CLI Keyword	ares
Full Name	Ares
Description	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.
Reference	http://aresgalaxy.sourceforge.net/
Global ID	L7:565
ID	1502
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,1080,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-networking
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,socks,dns,quic

ARGUS

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

ARIEL1

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

ARIEL2

Name/CLI Keyword	ariel2
Full Name	Ariel2
Description	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.
Reference	http://www.infotrieve.com/ariel-interlibrary-loan-software
Global ID	L4:421
ID	336
Known Mappings	
UDP Port	421
TCP Port	421
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ARIEL3

Name/CLI Keyword	ariel3
Full Name	Ariel3
Description	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.
Reference	http://www.infotrieve.com/ariel-interlibrary-loan-software
Global ID	L4:422
ID	337
Known Mappings	
UDP Port	422
TCP Port	422
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ARIS

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

ARNS

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

ARUBA-PAPI

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

ASA

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

ASA-APPL-PROTO

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

ASIPREGISTRY

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

ASIP-WEBADMIN

Name/CLI Keyword	asip-webadmin
Full Name	AppleShare IP WebAdmin
Description	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.
Reference	http://support.apple.com/kb/TA26109?viewlocale=en_US
Global ID	L4:311
ID	1151
Known Mappings	
UDP Port	311
TCP Port	311
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ASK-COM

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

AS-SERVERMAP

Name/CLI Keyword	as-servermap
Full Name	AS Server Mapper
Description	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.
Reference	http://publib.boulder.ibm.com/infocenter/iseries/v5r4/index.jsp?topic=%2Frzaii%2Frzaiidaemon.htm
Global ID	L4:449
ID	364
Known Mappings	
UDP Port	449
TCP Port	449
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ASUS

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

AT-3

Name/CLI Keyword	at-3
Full Name	AppleTalk Unused
Description	Registered with IANA on port 203 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:203
ID	1101
Known Mappings	
UDP Port	203
TCP Port	203
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	tcp,udp

AT-5

Name/CLI Keyword	at-5
Full Name	AppleTalk Unused
Description	Registered with IANA on port 205 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:205
ID	1103
Known Mappings	
UDP Port	205
TCP Port	205
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	tcp,udp

AT-7

Name/CLI Keyword	at-7
Full Name	AppleTalk Unused
Description	Registered with IANA on port 207 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:207
ID	1105
Known Mappings	
UDP Port	207
TCP Port	207
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	tcp,udp

AT-8

Name/CLI Keyword	at-8
Full Name	AppleTalk Unused
Description	Registered with IANA on port 208 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:208
ID	1106
Known Mappings	
UDP Port	208
TCP Port	208
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	tcp,udp

AT-ECHO

Name/CLI Keyword	at-echo
Full Name	AppleTalk Echo
Description	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.
Reference	http://en.wikipedia.org/wiki/AppleTalk#AppleTalk_Echo_Protocol
Global ID	L4:204
ID	1102
Known Mappings	
UDP Port	204
TCP Port	204
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ATLASSIAN

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

AT-NBP

Name/CLI Keyword	at-nbp
Full Name	AppleTalk Name Binding
Description	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.
Reference	http://en.wikipedia.org/wiki/AppleTalk#Name_Binding_Protocol
Global ID	L4:202
ID	1100
Known Mappings	
UDP Port	202
TCP Port	202
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AT-RTMP

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

AT-ZIS

Name/CLI Keyword	at-zis
Full Name	AppleTalk Zone Information Protocol
Description	The Zone Information Protocol was the protocol by which AppleTalk network numbers were associated with zone names. Azonewas 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 discontiguous portions of the network.
Reference	http://en.wikipedia.org/wiki/AppleTalk#Zone_Information_Protocol
Global ID	L4:206
ID	1104
Known Mappings	
UDP Port	206
TCP Port	206
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ATT-WEB-SERVICES

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

AUDIBLE-COM

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

AUDIO-OVER-HTTP

Name/CLI Keyword	audio-over-http
Full Name	Audio Over HTTP
Description	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.
Reference	
Global ID	L7:430
ID	120
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

AUDIT

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

AUDITD

Name/CLI Keyword	auditd
Full Name	Digital Audit daemon
Description	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.
Reference	http://h30097.www3.hp.com/docs/base_doc/DOCUMENTATION/V51_HTML/MAN/MAN80/0030____.HTM
Global ID	L4:48
ID	928
Known Mappings	
UDP Port	48
TCP Port	48
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AURORA-CMGR

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

AURP

Name/CLI Keyword	aurp
Full Name	AppleTalk Update-based Routing Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1504
Global ID	L4:387
ID	303
Known Mappings	
UDP Port	387
TCP Port	387
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

AUTH

Name/CLI Keyword	auth
Full Name	Authentication Service
Description	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.
Reference	http://www.ietf.org/rfc/rfc1413.txt
Global ID	L4:113
ID	983
Known Mappings	
UDP Port	113
TCP Port	113
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AVAST-ANTIVIRUS

Name/CLI Keyword	avast-antivirus
Full Name	Avast Antivirus
Description	Avast Antivirus and security.
Reference	http://www.avast.com
Global ID	L7:1017
ID	1017
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	dns,http,ssl

AVIAN

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

AVOCENT

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

AWEBER

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

AX25

Name/CLI Keyword	ax25
Full Name	AX.25 Frames
Description	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.
Reference	http://en.wikipedia.org/wiki/AX.25
Global ID	L3:93
ID	847
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	93
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

AYIYA-IPV6-TUNNELED

Name/CLI Keyword	ayiya-ipv6-tunneled
Full Name	Ayiya IPv6 Tunneled
Description	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).
Reference	http://www.sixxs.net/tools/ayiya/
Global ID	L7:327
ID	1220
Known Mappings	
UDP Port	5072
TCP Port	5072
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

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BABELGUM

Name/CLI Keyword	babelgum
Full Name	Babelgum
Description	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.
Reference	http://www.babelgum.com/
Global ID	L7:454
ID	1066
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

BACKPAGE

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

BACNET

Name/CLI Keyword	bacnet
Full Name	Building Automation and Control Networks
Description	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.
Reference	http://www.bacnet.org/
Global ID	L4:47808
ID	1330
Known Mappings	
UDP Port	47808
TCP Port	47808
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BADOO

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

BAIDU-MOVIE

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

BANDCAMP-COM

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

BANK-OF-AMERICA

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

BANYAN-RPC

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

BANYAN-VIP

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

BASECAMP

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

BB

Name/CLI Keyword	bb
Full Name	Systems and network monitoring tool
Description	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.
Reference	http://www.bb4.com/
Global ID	L4:1984
ID	1331
Known Mappings	
UDP Port	1984
TCP Port	1984
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BBC

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

BBNRCCMON

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

BDP

Name/CLI Keyword	bdp
Full Name	Multi-link Multi-node PPP Bundle Discovery Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc2701
Global ID	L4:581
ID	495
Known Mappings	
UDP Port	581
TCP Port	581
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BFTP

Name/CLI Keyword	bftp
Full Name	Background File Transfer Program
Description	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.
Reference	http://tools.ietf.org/html/rfc1068
Global ID	L4:152
ID	992
Known Mappings	
UDP Port	152
TCP Port	152
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BGMP

Name/CLI Keyword	bgmp
Full Name	Border Gateway Multicast Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc3913.txt
Global ID	L4:264
ID	1136
Known Mappings	
UDP Port	264
TCP Port	264
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BGP

Name/CLI Keyword	bgp
Full Name	Border Gateway Protocol
Description	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).
Reference	http://tools.ietf.org/html/rfc4274
Global ID	L4:179
ID	11
Known Mappings	
UDP Port	179
TCP Port	179
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BGS-NSI

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

BHEVENT

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

BHFHS

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

BHMDS

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

BILD-DE

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

BINARY-OVER-HTTP

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

BING

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

BITBUCKET

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

BITCOIN

Name/CLI Keyword	bitcoin
Full Name	Bitcoin
Description	Bitcoin is a worldwide cryptocurrency and digital payment system.
Reference	https://en.wikipedia.org/wiki/Bitcoin
Global ID	L7:1125
ID	1125
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	epayement
Sub Category	other
P2P Technology	Yes
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	-

BITLY

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

BITTORRENT

Name/CLI Keyword	bittorrent
Full Name	BitTorrent
Description	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).
Reference	http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html
Global ID	L7:69
ID	69
Known Mappings	
UDP Port	3544,3545
TCP Port	80,1080,3544,6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,socks,bittorrent-networking,teredo-ipv6-tunneled,encrypted-bittorrent

BITTORRENT-NETWORKING

Name/CLI Keyword	bittorrent-networking
Full Name	BitTorrent Networking
Description	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.
Reference	http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html
Global ID	L7:543
ID	1477
Known Mappings	
UDP Port	-
TCP Port	80,6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-networking
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dht,bittorrent

BLACKBOARD-COM

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

BLAZE-NEWS

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

BLEACHER-REPORT

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

BL-IDM

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

BLIZWOW

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

BLOGGER

Name/CLI Keyword	blogger
Full Name	Blogger
Description	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.
Reference	http://www.blogger.com/home
Global ID	L7:525
ID	1461
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

BLUEHOST

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

BMPP

Name/CLI Keyword	bmpp
Full Name	bmpp
Description	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.
Reference	http://tools.ietf.org/html/draft-rollo-bmpp-03
Global ID	L4:632
ID	541
Known Mappings	
UDP Port	632
TCP Port	632
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BNA

Name/CLI Keyword	bna
Full Name	BNA
Description	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.
Reference	http://public.support.unisys.com/aseries/docs/clearpath-mcp-13.1/pdf/37897014-207.pdf
Global ID	L3:49
ID	803
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	49
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BNET

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

BORLAND-DSJ

Name/CLI Keyword	borland-dsj
Full Name	Borland DSJ
Description	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.
Reference	http://edn.embarcadero.com/article/10158
Global ID	L4:707
ID	611
Known Mappings	
UDP Port	707
TCP Port	707
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

BOX

Name/CLI Keyword	box
Full Name	Box
Description	Box is an online file sharing and content management service for businesses.
Reference	http://www.box.com/
Global ID	L7:1074
ID	1074
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-data-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

BRIGHTTALK

Name/CLI Keyword	brighttalk
Full Name	BrightTalk
Description	BrightTalk professional webinar and video solutions.
Reference	http://www.brighttalk.com
Global ID	L7:1170
ID	1170
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

BUFFER-COM

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

BUSINESS-INSIDER

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

BUZZFEED

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

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CABLEPORT-AX

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

CAB-PROTOCOL

Name/CLI Keyword	cab-protocol
Full Name	CAB Protocol
Description	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.
Reference	http://tech-env.com/cab.html
Global ID	L4:595
ID	509
Known Mappings	
UDP Port	595
TCP Port	595
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CADLOCK

Name/CLI Keyword	cadlock
Full Name	CadLock
Description	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.
Reference	http://www.cadlock.com/
Global ID	L4:770
ID	640
Known Mappings	
UDP Port	770
TCP Port	770
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CAILIC

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

CALIFORNIA-GOV

Name/CLI Keyword	california-gov
Full Name	California.gov
Description	California.gov - California government official website.
Reference	http://ca.gov
Global ID	L7:733
ID	1663
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CALL-OF-DUTY

Name/CLI Keyword	call-of-duty
Full Name	Call of Duty
Description	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.
Reference	http://www.callofduty.com/
Global ID	L4:20500
ID	1377
Known Mappings	
UDP Port	20500
TCP Port	20500,20510,28960
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

CAPITAL-ONE

Name/CLI Keyword	capital-one
Full Name	Capital One
Description	Capital One - U.S. based bank holding company.
Reference	http://capitalone.com
Global ID	L7:690
ID	1620
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CAPWAP-CONTROL

Name/CLI Keyword	capwap-control
Full Name	Control And Provisioning of Wireless Access Points Control Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc5415
Global ID	L4:5246
ID	1221
Known Mappings	
UDP Port	5246
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	capwap-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	Yes
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

CAPWAP-DATA

Name/CLI Keyword	capwap-data
Full Name	Control And Provisioning of Wireless Access Points Data Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc5415
Global ID	L4:5247
ID	1325
Known Mappings	
UDP Port	5246,5247
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	capwap-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	capwap-control

CASSANDRA

Name/CLI Keyword	cassandra
Full Name	Cassandra
Description	Apache Cassandra is an open source distributed database management system designed to handle large amounts of data across many commodity servers, providing high availability with no single point of failure.
Reference	https://www.cassandradb.org/
Global ID	L4:27018
ID	1768
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant.
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	-

CBS

Name/CLI Keyword	cbs
Full Name	CBS
Description	CBS - CBS news website.
Reference	http://cbs.com
Global ID	L7:755
ID	1685
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CBS-SPORTS

Name/CLI Keyword	cbs-sports
Full Name	CBS Sports
Description	CBS Sports - Sports news website.
Reference	http://cbssports.com
Global ID	L7:749
ID	1679
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CBT

Name/CLI Keyword	cbt
Full Name	Core-Based Trees
Description	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.
Reference	http://www.ietf.org/rfc/rfc2189.txt
Global ID	L3:7
ID	762
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	7
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CDC

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

CDDBP-ALT

Name/CLI Keyword	cddbp-alt
Full Name	Compact Disc DataBase Protocol
Description	Compact Disc Database (CDDB) 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.
Reference	http://ftp.freedb.org/pub/freedb/latest/CDDBPROTO
Global ID	L4:8880
ID	1378
Known Mappings	
UDP Port	8880
TCP Port	8880
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CFDPTKT

Name/CLI Keyword	cfdptkt
Full Name	Coherent File Distribution Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1235
Global ID	L4:120
ID	989
Known Mappings	
UDP Port	120
TCP Port	120
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CFTP

Name/CLI Keyword	cftp
Full Name	cFTP
Description	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.
Reference	http://blog.dreamcss.com/dev-tools/cftp-clients-oriented-file-transfer-protocol-ftp/
Global ID	L3:62
ID	816
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	62
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CHAOS

Name/CLI Keyword	chaos
Full Name	CHAOSNet
Description	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).
Reference	http://en.wikipedia.org/wiki/CHAOSnet
Global ID	L3:16
ID	771
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	16
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CHARGEN

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

CHASE-BANK

Name/CLI Keyword	chase-bank
Full Name	Chase
Description	Chase - Consumer and commercial banking company.
Reference	http://chase.com
Global ID	L7:635
ID	1564
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CHECKPOINT-CPMI

Name/CLI Keyword	checkpoint-cpmi
Full Name	Checkpoint CPMI
Description	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.
Reference	http://read.pudn.com/downloads142/doc/614417/CPMI.pdf
Global ID	L4:18190
ID	1332
Known Mappings	
UDP Port	
TCP Port	18190
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

CHSHELL

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

CIFS

Name/CLI Keyword	cifs
Full Name	Common Internet File System
Description	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.
Reference	http://technet.microsoft.com/en-us/library/cc939973.aspx
Global ID	L7:80
ID	80
Known Mappings	
UDP Port	-
TCP Port	139,445
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	-

CIMPLEX

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

CISCO-CMX

Name/CLI Keyword	cisco-cmx
Full Name	Cisco CMX
Description	Cisco Connected Mobile Experiences (CMX) family of products leverages open-architecture principles, intent-driven workflows, and contextual relevance at the core of Cisco Digital Network Architecture (Cisco DNA).
Reference	https://www.cisco.com/c/en/us/solutions/enterprise-networks/connected-mobile-experiences/index.html
Global ID	L7:1178
ID	1178
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,dns

CISCO-COLLAB-AUDIO

Name/CLI Keyword	cisco-collab-audio
Full Name	Cisco Collaboration Audio
Description	Cisco Collaboration Voice by various Cisco Unified Communication clients.
Reference	http://ciscospark.com
Global ID	L7:815
ID	815
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	-

CISCO-COLLAB-CONTROL

Name/CLI Keyword	cisco-collab-control
Full Name	Cisco Collaboration Control
Description	Cisco Collaboration Voice by various Cisco unified communication clients.
Reference	http://ciscospark.com
Global ID	L7:1764
ID	1764
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling
Tunnel	No
Underlying Protocols	-

CISCO-COLLABORATION

Name/CLI Keyword	cisco-collaboration
Full Name	Cisco Collaboration Media
Description	Cisco Collaboration Media - Voice, video, and desktop sharing by various Cisco Unified Communications clients.
Reference	http://ciscospark.com
Global ID	L7:811
ID	1740
Known Mappings	
UDP Port	53,69,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,stun-nat

CISCO-COLLAB-VIDEO

Name/CLI Keyword	cisco-collab-video
Full Name	Cisco Collaboration Video
Description	Cisco Collaboration Video by various Cisco Unified Communication clients..
Reference	http://ciscospark.com
Global ID	L7:1762
ID	815
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	-

CISCO-CONTROLLER

Name/CLI Keyword	cisco-controller
Full Name	Cisco Controller
Description	Cisco network controller device and SDN solutions.
Reference	http://www.cisco.com/c/en/us/solutions/software-defined-networking/overview.html
Global ID	L7:1122
ID	1122
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

CISCO-CTA

Name/CLI Keyword	cisco-cta
Full Name	Cisco Cognitive Threat Analytics
Description	Cisco Cognitive Threat Analytics pinpoints attacks before they can extract sensitive data. It analyzes web traffic, endpoint data from Cisco AMP for Endpoints, and network data from Cisco Stealthwatch Enterprise. It then uses machine learning to identify malicious activity.
Reference	https://cognitive.cisco.com/
Global ID	L7:395
ID	395
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	http,dns,ssl

CISCO-FNA

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

CISCO-IP-CAMERA

Name/CLI Keyword	cisco-ip-camera
Full Name	Cisco IP Camera
Description	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.
Reference	http://www.cisco.com/en/US/products/ps6712/index.html
Global ID	L7:456
ID	1315
Known Mappings	
UDP Port	-
TCP Port	554,8554
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	broadcast-video. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtsp

CISCO-JABBER-AUDIO

Name/CLI Keyword	cisco-jabber-audio
Full Name	Cisco Jabber Audio
Description	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.
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	L7:558
ID	1494
Known Mappings	
UDP Port	143,220, 5060
TCP Port	143,220,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Category	voice-and-video
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	imap,rtp,sip,cisco-jabber-control

CISCO-JABBER-CONTROL

Name/CLI Keyword	cisco-jabber-control
Full Name	Cisco Jabber Control
Description	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.
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	L7:556
ID	1498
Known Mappings	
UDP Port	53,5060,5353
TCP Port	53,80,443,5060,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	Yes
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtcp,sip,ssl,http,dns,quic

CISCO-JABBER-IM

Name/CLI Keyword	cisco-jabber-im
Full Name	Cisco Jabber IM
Description	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.
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	L7:557
ID	1493
Known Mappings	
UDP Port	53,5222,5353
TCP Port	53,80,443,5222,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,xmpp-client,http,dns,quic

CISCO-JABBER-VIDEO

Name/CLI Keyword	cisco-jabber-video
Full Name	Cisco Jabber Video
Description	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.
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	L7:561
ID	1495
Known Mappings	
UDP Port	5060
TCP Port	5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtp,sip,cisco-jabber-control

CISCO-MEDIA-AUDIO

Name/CLI Keyword	cisco-media-audio
Full Name	Cisco Media Audio
Description	Cisco-media is used mainly in corporations and can be used on or off site.
Reference	-
Global ID	L7:1746
ID	1746
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	rtp-audio,cisco-jabber-control

CISCO-MEDIA-VIDEO

Name/CLI Keyword	cisco-media-video
Full Name	Cisco Media Video
Description	Cisco-media is used mainly in corporations and can be used on or off site.
Reference	-
Global ID	L7:1747
ID	1747
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	rtp-video

CISCO-MERAKI

Name/CLI Keyword	cisco-meraki
Full Name	Cisco Meraki
Description	Cisco Meraki is a cloud managed solution that includes wireless, switching, security, EMM, communications, and security cameras, all centrally managed from the web.
Reference	https://meraki.cisco.com/
Global ID	L7:1243
ID	1243
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	network-control
Tunnel	No
Underlying Protocols	http,dns,ssl

CISCO-NAC

Name/CLI Keyword	cisco-nac
Full Name	Cisco NAC
Description	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, audition and information logging of network activity. Typically NAC uses UDP ports 8905 and 8906.
Reference	http://www.cisco.com/go/nac
Global ID	L4:8905
ID	1334
Known Mappings	
UDP Port	8905,8906
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	internet-privacy
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CISCO-NMSP

Name/CLI Keyword	cisco-nmsp
Full Name	Cisco NMSP
Description	Cisco Network Mobility Services Protocol (NMSP) manages communication between the mobility service engine and the wireless controller. This includes transport of telemetry, emergency, and RSSI values between the mobility service and the controller.
Reference	https://mrncciew.com/2014/09/25/what-is-nmsp/
Global ID	L7:1177
ID	1177
Known Mappings	
UDP Port	-
TCP Port	443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl-local-net,ssl

CISCO-PHONE

Name/CLI Keyword	cisco-phone
Full Name	Cisco Phone
Description	Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site.
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a00800884.html
Global ID	L7:81
ID	81
Known Mappings	
UDP Port	5060
TCP Port	2000,2001,2002,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing.
Tunnel	No
Underlying Protocols	ssl,stun-nat,sip,skinny

CISCO-PHONE-AUDIO

Name/CLI Keyword	cisco-phone-audio
Full Name	Cisco Phone Audio
Description	Cisco IP Phones and PC-based Unified Communicators. Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Audio is the audio part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP.
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	L7:612
ID	1549
Known Mappings	
UDP Port	2000,2001,2002,5060
TCP Port	5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	Voice and Video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	skinny,rtp,sip,cisco-phone

CISCO-PHONE-CONTROL

Name/CLI Keyword	cisco-phone-control
Full Name	Cisco Phone Control
Description	Control flow of Cisco-IP-phone.
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a00800884.html
Global ID	L7:1763
ID	1763
Known Mappings	
UDP Port	5060
TCP Port	2000,2001,2002,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling
Tunnel	No
Underlying Protocols	skinny,rtp,sip

CISCO-PHONE-MEDIA

Name/CLI Keyword	cisco-phone-media
Full Name	Cisco Phone Media
Description	Cisco-media is used mainly in corporations and can be used on- or off-site.
Reference	
Global ID	L7:1745
ID	1745
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant.
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	http,ssl,dns

CISCO-PHONE-VIDEO

Name/CLI Keyword	cisco-phone-video
Full Name	Cisco Phone Video
Description	Cisco IP Phones and PC-based Unified Communicators. Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Video is the video part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP.
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	L7:613
ID	1552
Known Mappings	
UDP Port	2000,2001,2002,5060
TCP Port	5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing.
Tunnel	No
Underlying Protocols	skinny,rtp,sip,cisco-phone,cisco-phone-audio

CISCO-RTMT

Name/CLI Keyword	cisco-rtmt
Full Name	Cisco RTMT
Description	Cisco Unified Real-Time Monitoring Tool
Reference	http://www.cisco.com/en/us/support/unified_communications/unified_communications_manager_callmanager/products_maintenance_guides_list.html
Global ID	L7:1060
ID	1060
Known Mappings	
UDP Port	-
TCP Port	1090
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

CISCO-SD-AVC

Name/CLI Keyword	cisco-sd-avc
Full Name	Cisco software-defined AVC
Description	Cisco software-defined AVC (SD-AVC) is a network-level component of Cisco AVC that provides services to participating devices in a network.
Reference	https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/avc/sd-avc/rn/1-0/sd-avc-rn-1-0.html
Global ID	L7:1146
ID	1146
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

CISCO-SMART-PROBE

Name/CLI Keyword	cisco-smart-probe
Full Name	Cisco Smart Probe
Description	Cisco Smart Probes help collect performance metrics when there is no actual user traffic.
Reference	http://docwiki.cisco.com/wiki/PfRv3:Technology_Overview
Global ID	L7:1207
ID	1207
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	collaboration-apps
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	-

CISCO-SPARK

Name/CLI Keyword	cisco-spark
Full Name	Cisco Spark
Description	Cisco Spark - Unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Reference	http://ciscospark.com
Global ID	L7:809
ID	1741
Known Mappings	
UDP Port	53,5353,33434
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

CISCO-SPARK-AUDIO

Name/CLI Keyword	cisco-spark-audio
Full Name	Cisco Spark Audio
Description	Cisco Spark Audio - Audio of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing..
Reference	http://ciscospark.com
Global ID	L7:1050
ID	1050
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	rtp-audio

CISCO-SPARK-MEDIA

Name/CLI Keyword	cisco-spark-media
Full Name	Cisco Spark Media
Description	Cisco Spark Media - Media of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing.
Reference	http://ciscospark.com
Global ID	L7:1051
ID	1051
Known Mappings	
UDP Port	33434
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	-

CISCO-SPARK-VIDEO

Name/CLI Keyword	cisco-spark-video
Full Name	Cisco Spark Video
Description	Cisco Spark Video - Video of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Reference	http://ciscospark.com
Global ID	L7:1048
ID	1048
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	rtp-video

CISCO-STEALTHWATCH

Name/CLI Keyword	cisco-stealthwatch
Full Name	Cisco Stealthwatch
Description	Cisco Stealthwatch provides continuous real-time monitoring and pervasive views into network traffic.
Reference	https://www.cisco.com/c/en/us/products/security/stealthwatch/index.html
Global ID	L7:340
ID	340
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	http,dns,ssl

CISCO-SYS

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

CISCO-TDP

Name/CLI Keyword	cisco-tdp
Full Name	Tag Distribution Protocol
Description	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.
Reference	http://tools.ietf.org/id/draft-doolan-tdp-spec-00
Global ID	L4:711
ID	614
Known Mappings	
UDP Port	711
TCP Port	711
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CISCO-TNA

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

CISCO-TV

Name/CLI Keyword	cisco-tv
Full Name	Cisco TV
Description	Cisco corporate TV, with interactive web streaming, and live studio shows.
Reference	http://ciscotv.cisco.com
Global ID	L7:1176
ID	1176
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-video-broadcast
P2P Technology	No
Encrypted	No
Traffic-class	broadcast-video
Tunnel	No
Underlying Protocols	http,ssl,dns

CISCO-UMBRELLA

Name/CLI Keyword	cisco-umbrella
Full Name	Cisco Umbrella
Description	Cisco Umbrella is a security tool that provides DNS encryption, and blocks malware botnets and phishing.
Reference	https://umbrella.cisco.com
Global ID	L7:1211
ID	1211
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	enterprise-cloud-data-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,dns,ssl

CITI-BANK

Name/CLI Keyword	citi-bank
Full Name	Citi
Description	Citi - Financial services company.
Reference	http://citibank.com
Global ID	L7:706
ID	1636
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CITRIX

Name/CLI Keyword	citrix
Full Name	Citrix
Description	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.
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	L7:56
ID	56
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,1494,2598,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

CITRIX-AUDIO

Name/CLI Keyword	citrix-audio
Full Name	Citrix Audio Traffic
Description	Citrix-Audio refers to all audio traffic in Citrix multistream configuration.
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	L7:609
ID	1549
Known Mappings	
UDP Port	-
TCP Port	1494,2598
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	Other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization,
P2P Technology	No
Encrypted	Yes
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	citrix

CITRIX-STATIC

Name/CLI Keyword	citrix-static
Full Name	Citrix Static
Description	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
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	L4:1604
ID	1433
Known Mappings	
UDP Port	1604,2512,2513
TCP Port	1494,1604,2512,2513,2598
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CLEARCASE

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

CLICKBANK

Name/CLI Keyword	clickbank
Full Name	ClickBank
Description	ClickBank - Online marketplace for Digital products.
Reference	http://clickbank.com
Global ID	L7:642
ID	1571
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CLOANTO-NET-1

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

CMIP-AGENT

Name/CLI Keyword	cmip-agent
Full Name	CMIP/TCP Agent
Description	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.
Reference	http://en.wikipedia.org/wiki/Common_Management_Information_Protocol
Global ID	L4:164
ID	1009
Known Mappings	
UDP Port	164
TCP Port	164
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CMIP-MAN

Name/CLI Keyword	cmip-man
Full Name	CMIP/TCP Manager
Description	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.
Reference	http://en.wikipedia.org/wiki/Common_Management_Information_Protocol
Global ID	L4:163
ID	1008
Known Mappings	
UDP Port	163
TCP Port	163
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CNBC

Name/CLI Keyword	cnbc
Full Name	CNBC
Description	CNBC - Official website of CNBC channel for Business and Financial market news.
Reference	http://cnbc.com
Global ID	L7:756
ID	1686
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CNET

Name/CLI Keyword	cnet
Full Name	CNET
Description	CNET - Tech and gadget related news, reviews, and shopping.
Reference	http://cnet.com
Global ID	L7:645
ID	1574
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CNN

Name/CLI Keyword	cnn
Full Name	CNN
Description	Cable News Network (CNN) is an American basic cable and satellite television news channel.
Reference	http://www.cnn.com/
Global ID	L7:1167
ID	1167
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

COAP

Name/CLI Keyword	coap
Full Name	Constrained Application Protocol
Description	The Constrained Application Protocol (CoAP) is a specialized web transfer protocol for use with constrained nodes and constrained (for example, low-power, lossy) networks.
Reference	http://coap.technology/
Global ID	L7:1239
ID	1239
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

COAUTHOR

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

CODAAUTH2

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

COLLABORATOR

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

COMMERCE

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

COMPAQ-PEER

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

COMPRESSNET

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

COMSCM

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

CON

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

CONCUR

Name/CLI Keyword	concur
Full Name	Concur
Description	Concur SaaS travel and expense management services for businesses.
Reference	https://www.concur.com
Global ID	L7:1182
ID	1182
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

CONDUIT-COM

Name/CLI Keyword	conduit-com
Full Name	Conduit
Description	Conduit - Online website to create community toolbar.
Reference	http://conduit.com
Global ID	L7:468
ID	260
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CONFERENCE

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

CONFERENCE-SERVER

Name/CLI Keyword	conference-server
Full Name	Conferencing Server
Description	Conferencing Server establishes communication between SIP users.
Reference	-
Global ID	L7:1748
ID	1748
Known Mappings	
UDP Port	53,67,68,5060,5353
TCP Port	53,80,443,5060,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	sip,ssl,dhcp,dns

CONNECTED-BACKUP

Name/CLI Keyword	connected-backup
Full Name	Connected Backup
Description	Connected-Backup ensures enterprise-proven, secure, and efficient data protection without disrupting users at work.
Reference	http://www.autonomy.com/products/connected-backup
Global ID	L7:605
ID	1544
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CONNENDP

Name/CLI Keyword	connendp
Full Name	Almanid Connection Endpoint
Description	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.
Reference	http://www.almanid.com/en/products/identityprotector/index.html
Global ID	L4:693
ID	601
Known Mappings	
UDP Port	693
TCP Port	693
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CONSTANT-CONTACT-COM

Name/CLI Keyword	constant-contact-com
Full Name	Constant Contact
Description	Constant Contact - Online marketing service.
Reference	http://constantcontact.com
Global ID	L7:714
ID	1644
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CONSUMER-CLOUD-STORAGE

Name/CLI Keyword	consumer-cloud-storage
Full Name	Consumer Cloud Storage
Description	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.
Reference	http://www.rapidshare.com/, http://www.easyshare.com/, http://www.megashare.com/, http://ultrashare.net/, http://www.firefactory.com/, http://www.filefront.com/, http://www.massmirror.com/, http://www.filer.net/, http://www.upload.com/, http://www.download.com/, http://www.thepiratebay.org/, http://www.torrentz.com/, http://www.filestube.com/, http://www.4shared.com/, http://www.hotfile.com/, http://www.zshares.net/, http://www.mediafire.com/, http://www.easynews.com/, http://www.box.com/, http://www.putlocker.com/, http://www.clouddrive.com
Global ID	L7:582
ID	1521
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

CONTENTSERVER

Name/CLI Keyword	contentserver
Full Name	contentserver
Description	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.
Reference	http://contentserver.userland.com/
Global ID	L4:3365
ID	369
Known Mappings	
UDP Port	3365
TCP Port	3365
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

COOLTALK

Name/CLI Keyword	cooltalk
Full Name	Internet telephony tool
Description	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.
Reference	http://besser.tsoa.nyu.edu/impact/f96/Reviews/djiang/
Global ID	L4:6499
ID	1335
Known Mappings	
UDP Port	
TCP Port	6499
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CORBA-IIOP

Name/CLI Keyword	corba-iiop
Full Name	CORBA Internet Inter-ORB Protocol
Description	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.
Reference	http://cyberobject.com/co/whitepaper/Corba_IIOP.PDF
Global ID	L4:683
ID	111
Known Mappings	
UDP Port	683
TCP Port	683
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CORBA-IIOP-SSL

Name/CLI Keyword	corba-iiop-ssl
Full Name	Secure CORBA Internet Inter-ORB Protocol
Description	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-iiop is working over SSL protocol , register in IANA on port 684.
Reference	http://www.opengroup.org/infosrv/Brand/SPS_pdf/X01OB.pdf
Global ID	L4:684
ID	592
Known Mappings	
UDP Port	684
TCP Port	684
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl

CORERJD

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

COUPONS-COM

Name/CLI Keyword	coupons-com
Full Name	Coupons.com
Description	Coupons.com - An online coupons and deals website.
Reference	http://coupons.com
Global ID	L7:797
ID	1725
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

COURIER

Name/CLI Keyword	courier
Full Name	Courier Mail Server
Description	Courier Mail Server is a mail transfer agent (MTA) server that provides ESMTP, 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.
Reference	http://www.courier-mta.org/
Global ID	L4:530
ID	448
Known Mappings	
UDP Port	530
TCP Port	530
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

COURSERA

Name/CLI Keyword	coursera
Full Name	Coursera
Description	Coursera - Educational site, offer online courses from top universities.
Reference	http://coursera.com
Global ID	L7:765
ID	1695
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

COVIA

Name/CLI Keyword	covia
Full Name	Communications Integrator
Description	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.
Reference	http://www.covialabs.com
Global ID	L4:64
ID	941
Known Mappings	
UDP Port	64
TCP Port	64
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CPHB

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

CPNX

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

CPQ-WBEM

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

CRAIGLIST

Name/CLI Keyword	craiglist
Full Name	Craigslist
Description	Craigslist - Popular online classifieds.
Reference	http://craigslist.org
Global ID	L7:617
ID	1068
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CRASHPLAN

Name/CLI Keyword	crashplan
Full Name	CRASHPLAN
Description	Online data backup software. Silently and continuously backs up end user data for complete visibility and control on a single, secure platform.
Reference	http://www.code42.com/crashplan/
Global ID	L7:820
ID	1749
Known Mappings	
UDP Port	
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	unassigned
Underlying Protocols	dns,ssl

CREATIVEPARTNR

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

CREATIVESERVER

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

CRS

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

CRTP

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

CRUDP

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

CRYPTOADMIN

Name/CLI Keyword	cryptoadmin
Full Name	CRYPTOAdmin
Description	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.
Reference	http://www.cryptocard.com/
Global ID	L4:624
ID	533
Known Mappings	
UDP Port	624
TCP Port	624
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CSDN

Name/CLI Keyword	csdn
Full Name	CSDN
Description	CSDN - Chinese IT community/forum for Software related issues.
Reference	http://csdn.net
Global ID	L7:737
ID	1667
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

CSI-SGWP

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

CSNET-NS

Name/CLI Keyword	csnet-ns
Full Name	CSNET Mailbox Name Nameserver
Description	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.
Reference	http://www.isoc.org/internet/history/documents/Comm83.pdf
Global ID	L4:105
ID	976
Known Mappings	
UDP Port	105
TCP Port	105
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CTF

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

CUSEEME

Name/CLI Keyword	cuseeme
Full Name	Internet video conference system
Description	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.
Reference	http://en.wikipedia.org/wiki/CU-SeeMe
Global ID	L7:12
ID	12
Known Mappings	
UDP Port	7648,7649,24032
TCP Port	7648,7649
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CUSTIX

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

CVC_HOSTD

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

CVSPSERVER

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

CVSUP

Name/CLI Keyword	cvsup
Full Name	CVSup
Description	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.
Reference	http://www.cvsup.org/
Global ID	L4:5999
ID	1338
Known Mappings	
UDP Port	5999
TCP Port	5999
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	file-sharing
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CYBERCASH

Name/CLI Keyword	cybercash
Full Name	Cybercash
Description	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.
Reference	http://tools.ietf.org/html/rfc1898
Global ID	L4:551
ID	468
Known Mappings	
UDP Port	551
TCP Port	551
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	epayement
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

CYCLESERV

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

CYCLESERV2

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

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DAMEWARE-MRC

Name/CLI Keyword	dameware-mrc
Full Name	DameWare Mini Remote Control
Description	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.
Reference	http://www.dameware.com/products/mini-remote-control/product-overview.aspx
Global ID	L7:547
ID	1481
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	dameware-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DANTZ

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

DANGDANG

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

DASP

Name/CLI Keyword	dasp
Full Name	Datagram Authenticated Session Protocol
Description	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.
Reference	http://sedonadev.org/doc/dasp.html
Global ID	L4:439
ID	354
Known Mappings	
UDP Port	439
TCP Port	439
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DATASURFSRV

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

DATASURFSRVSEC

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

DATEX-ASN

Name/CLI Keyword	datex-asn
Full Name	datex-asn
Description	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.
Reference	http://www.standards.its.dot.gov/fact_sheet.asp?f=33
Global ID	L4:355
ID	271
Known Mappings	
UDP Port	355
TCP Port	355
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DAUM

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

DAYTIME

Name/CLI Keyword	daytime
Full Name	Daytime Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc867).txt
Global ID	L4:13
ID	103
Known Mappings	
UDP Port	13
TCP Port	13
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DBASE

Name/CLI Keyword	dbase
Full Name	dBase
Description	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.
Reference	http://www.dbase.com/
Global ID	L4:217
ID	1114
Known Mappings	
UDP Port	217
TCP Port	217
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DCCP

Name/CLI Keyword	dccp
Full Name	Datagram Congestion Control Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc4340.txt
Global ID	L3:33
ID	1238
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	33
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DCLINK

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

DCN-MEAS

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

DCP

Name/CLI Keyword	dcp
Full Name	Device Control Protocol
Description	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.
Reference	http://dcp.chrisarmbruster.com/Introduction.html
Global ID	L4:93
ID	964
Known Mappings	
UDP Port	93
TCP Port	93
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DCTP

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

DDM-DFM

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

DDM-RDB

Name/CLI Keyword	ddm-rdb
Full Name	DDM-Remote Relational Database Access
Description	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.
Reference	http://publib.boulder.ibm.com/infocenter/iseries/v5r4/index.jsp?topic=%2Frzajt%2Frzajtrzajtddm.htm
Global ID	L4:446
ID	361
Known Mappings	
UDP Port	446
TCP Port	446
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DDM-SSL

Name/CLI Keyword	ddm-ssl
Full Name	Domino Domain Monitor database - Remote DB Access Using Secure Sockets
Description	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.
Reference	http://www-10.lotus.com/ldd/dominowiki.nsf/dx/domino-domain-monitoring
Global ID	L4:448
ID	363
Known Mappings	
UDP Port	448
TCP Port	448
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DDP

Name/CLI Keyword	ddp
Full Name	Datagram Delivery Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc1742.txt
Global ID	L3:37
ID	791
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	37
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DDX

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

DEC_DLM

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

DECAP

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

DECAUTH

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

DECBSRV

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

DECLADEBUG

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

DECVMS-SYSMGT

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

DEI-ICDA

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

DEMANDWARE

Name/CLI Keyword	demandware
Full Name	Demandware
Description	Cloud-based e-commerce platform and related services for retailers and manufacturers.
Reference	https://www.demandware.com
Global ID	L7:1189
ID	1189
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

DEOS

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

DESKNETS

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

DEVICE

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

DGP

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

DHCP-FAILOVER

Name/CLI Keyword	dhcp-failover
Full Name	DHCP Failover
Description	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.
Reference	http://tools.ietf.org/html/draft-ietf-dhc-failover-03
Global ID	L4:647
ID	556
Known Mappings	
UDP Port	647
TCP Port	647
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DHCP-FAILOVER2

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

DHCP

Name/CLI Keyword	dhcp
Full Name	Dynamic Host Configuration Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2131.txt
Global ID	L7:13
ID	13
Known Mappings	
UDP Port	67,68
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DHCPV6-CLIENT

Name/CLI Keyword	dhcpv6-client
Full Name	DHCPv6 Client
Description	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.
Reference	http://tools.ietf.org/html/rfc3315
Global ID	L4:546
ID	464
Known Mappings	
UDP Port	546
TCP Port	546
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DHCPV6-SERVER

Name/CLI Keyword	dhcpv6-server
Full Name	DHCPv6 Server
Description	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.
Reference	http://www.ietf.org/rfc/rfc3315.txt
Global ID	L4:547
ID	465
Known Mappings	
UDP Port	547
TCP Port	547
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DHT

Name/CLI Keyword	dht
Full Name	Distributed Hash Table
Description	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.
Reference	http://www.ietf.org/proceedings/65/slides/plenaryt-2.pdf
Global ID	L7:439
ID	886
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DICOM

Name/CLI Keyword	dicom
Full Name	Digital Imaging and Communications in Medicine
Description	Digital Imaging and Communication in Medicine (DICOM) is used to handle, store, print, and transmit medical imaging.
Reference	http://dicom.nema.org/
Global ID	L7:76
ID	76
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	-

DIGITAL-VRC

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

DIRECTCONNECT

Name/CLI Keyword	directconnect
Full Name	Direct Connect
Description	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.
Reference	http://wiki.gusari.org
Global ID	L7:70
ID	70
Known Mappings	
UDP Port	-
TCP Port	80,411,412,413
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

DIRECTPLAY

Name/CLI Keyword	directplay
Full Name	DirectPlay
Description	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.
Reference	http://en.wikipedia.org/wiki/Directplay
Global ID	L4:2234
ID	716
Known Mappings	
UDP Port	2234
TCP Port	2234
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DIRECTPLAY8

Name/CLI Keyword	directplay8
Full Name	DirectPlay8
Description	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.
Reference	http://en.wikipedia.org/wiki/Directplay
Global ID	L4:6073
ID	717
Known Mappings	
UDP Port	6073
TCP Port	6073
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DIRECTV-CATLG

Name/CLI Keyword	directv-catlg
Full Name	DirecTV Data Catalog
Description	A DirecTV service - Data Catalog. DirecTV (DIRECTV) is an America+E41ndirect broadcast satelliteservice provider and broadcaster.
Reference	http://www.directv.com
Global ID	L4:3337
ID	723
Known Mappings	
UDP Port	3337
TCP Port	3337
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	commercial-media-distribution
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DIRECTV-SOFT

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

DIRECTV-TICK

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

DIRECTV-WEB

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

DISCARD

Name/CLI Keyword	discard
Full Name	Discard
Description	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 recieving host, and no response is returned.
Reference	http://tools.ietf.org/html/rfc863
Global ID	L4:9
ID	903
Known Mappings	
UDP Port	9
TCP Port	9
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DISCLOSE

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

DISCOVER-COM

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

DISNEY-WEB-PORTAL

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

DISTCC

Name/CLI Keyword	distcc
Full Name	Distributed Compiler
Description	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.
Reference	http://distcc.googlecode.com/
Global ID	L4:3632
ID	1340
Known Mappings	
UDP Port	3632
TCP Port	3632
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DIXIE

Name/CLI Keyword	dixie
Full Name	DIXIE Protocol Specification
Description	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.
Reference	http://tools.ietf.org/rfc/rfc1249
Global ID	L4:96
ID	967
Known Mappings	
UDP Port	96
TCP Port	96
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.

Tunnel	No
Underlying Protocols	-

DLS-MON

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

DLS

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

DMP

Name/CLI Keyword	dmp
Full Name	Digital Media Player
Description	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.
Reference	http://www.cisco.com/en/US/products/ps7220/index.html
Global ID	L7:492
ID	1422
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353,7777
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	commercial-media-distribution
P2P Technology	No
Encrypted	Yes
Traffic-class	broadcast-video. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,dns,quic

DN6-NLM-AUD

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

DNA-CML

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

DNP

Name/CLI Keyword	dnp
Full Name	DNP3
Description	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.
Reference	http://dnp3.org
Global ID	L4:20000
ID	1341
Known Mappings	
UDP Port	20000,19999
TCP Port	20000,19999
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DNS

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

DNSIX

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

DOOM

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

DOUBAN

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

DPSI

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

DRUDGE-REPORT-COM

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

DROPBOX

Name/CLI Keyword	dropbox
Full Name	Dropbox
Description	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.
Reference	http://www.dropbox.com/
Global ID	L4:17500
ID	1485
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	storage
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

DSFGW

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

DSP

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

DSP3270

Name/CLI Keyword	dsp3270
Full Name	Display Systems Protocol
Description	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.
Reference	http://www.euclideanspace.com/coms/protocol/bi_sync/systems/dsp/index.htm
Global ID	L4:246
ID	1126
Known Mappings	
UDP Port	246
TCP Port	246
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DSR

Name/CLI Keyword	dsr
Full Name	Dynamic Source Routing Protocol
Description	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 usessource routing instead of relying on the routing table at each intermediate device.
Reference	http://tools.ietf.org/html/rfc4728
Global ID	L3:48
ID	1240
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	48
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DTAG-STE-SB

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

DTK

Name/CLI Keyword	dtk
Full Name	Deception ToolKit
Description	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.
Reference	http://all.net/dtk/index.html
Global ID	L4:365
ID	281
Known Mappings	
UDP Port	365
TCP Port	365
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

DAILY-MAIL

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

DWR

Name/CLI Keyword	dwr
Full Name	DWR
Description	Registered with IANA on port 644 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:644
ID	553
Known Mappings	
UDP Port	644
TCP Port	644
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

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EBAY

Name/CLI Keyword	ebay
Full Name	eBay
Description	eBay is a multinational e-commerce corporation that facilitates consumer-to-consumer and business-to-consumer sales through its website.
Reference	https://www.ebay.com/
Global ID	L7:270
ID	270
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ECHO

Name/CLI Keyword	echo
Full Name	Echo Protocol
Description	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.
Reference	http://www.faqs.org/rfcs/rfc862.html
Global ID	L4:7
ID	101
Known Mappings	
UDP Port	7
TCP Port	7
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

EDONKEY-STATIC

Name/CLI Keyword	edonkey-static
Full Name	eDonkey
Description	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.
Reference	http://en.wikipedia.org/wiki/EDonkey_network
Global ID	L7:416
ID	1333
Known Mappings	
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	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

EDONKEY

Name/CLI Keyword	edonkey
Full Name	eDonkey
Description	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.
Reference	http://web.archive.org/web/20010213200827/www.edonkey2000.com/overview.html
Global ID	L7:67
ID	67
Known Mappings	
UDP Port	-
TCP Port	80,1080,4662
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	socks, http

EGP

Name/CLI Keyword	egp
Full Name	Exterior Gateway Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc904
Global ID	L3:8
ID	4
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	8
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

EHOW-WEB-PORTAL

Name/CLI Keyword	ehow-web-portal
Full Name	eHow
Description	eHow - website featuring tutorials on a wide variety of subjects.
Reference	http://ehow.com
Global ID	L7:727
ID	1657
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EIGRP

Name/CLI Keyword	eigrp
Full Name	Interior Gateway Routing Protocol
Description	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.
Reference	http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a0080094cb7.shtml
Global ID	L3:88
ID	7
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	88
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ELCSD

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

EMBL-NDT

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

EMCON

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

EMFIS-CNTL

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

EMFIS-DATA

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

ENCAP

Name/CLI Keyword	encap
Full Name	Encapsulation Header
Description	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.
Reference	http://tools.ietf.org/html/rfc1241
Global ID	L3:98
ID	852
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	98
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ENCRYPTED-BITTORRENT

Name/CLI Keyword	encrypted-bittorrent
Full Name	Encrypted Bittorrent
Description	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).
Reference	http://www.bittorrent.com/
Global ID	L7:313
ID	1206
Known Mappings	
UDP Port	-
TCP Port	6881,6882,6883,6884,6885,6886,6887,6888,6889
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	Bittorrent

ENCRYPTED-EMULE

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

ENGADGET

Name/CLI Keyword	engadget
Full Name	Engadget
Description	Engadget - E-commerce for gadgets and electronics.
Reference	http://engadget.com
Global ID	L7:667
ID	1596
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ENTERTAINMENT-WEEKLY

Name/CLI Keyword	entertainment-weekly
Full Name	Entertainment Weekly
Description	Entertainment Weekly - Entertainment new and video clips.
Reference	http://ew.com
Global ID	L7:800
ID	1728
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ENTOMB

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

ENTRUST-AAAS

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

ENTRUST-AAMS

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

ENTRUST-ASH

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

ENTRUST-KMSH

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

ENTRUST-SPS

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

E-ONLINE

Name/CLI Keyword	e-online
Full Name	E! Online
Description	E! Online - Online entertainment news.
Reference	http://eonline.com
Global ID	L7:723
ID	1653
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EPMAP

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

ERPC

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

ESCP-IP

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

ESIGNAL

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

ESPN-BROWSING

Name/CLI Keyword	espn-browsing
Full Name	ESPN web browsing
Description	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.
Reference	http://www.espn.com/
Global ID	L7:551
ID	1486
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	espn-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ESPN-VIDEO

Name/CLI Keyword	espn-video
Full Name	ESPN video streaming
Description	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.
Reference	http://www.espn.com/
Global ID	L7:552
ID	1487
Known Mappings	
UDP Port	-
TCP Port	80,443,554,8554
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	espn-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,espn-browsing,rtsp,rtmp,rtmpt

ESRO-EMSDP

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

ESRO-GEN

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

ETHERIP

Name/CLI Keyword	etherip
Full Name	Ethernet-within-IP Encapsulation
Description	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.
Reference	http://tools.ietf.org/html/rfc3378
Global ID	L3:97
ID	851
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	97
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ETSY

Name/CLI Keyword	etsy
Full Name	Etsy
Description	Etsy - E-commerce website for homemade or vintage items.
Reference	http://etsy.com
Global ID	L7:646
ID	1575
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EUDORA-SET

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

EUROPEAN-UNION-PORTAL

Name/CLI Keyword	european-union-portal
Full Name	European Union
Description	European Union - Official website for European Union.
Reference	http://europa.eu
Global ID	L7:784
ID	1712
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EVENTBRITE

Name/CLI Keyword	eventbrite
Full Name	Eventbrite
Description	Eventbrite - Event organization and invite site.
Reference	http://eventbrite.com
Global ID	L7:717
ID	1647
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EVERNOTE

Name/CLI Keyword	evernote
Full Name	Evernote
Description	Evernote - Synched note taking and web bookmarking app.
Reference	http://evernote.com
Global ID	L7:687
ID	1617
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

EXCHANGE

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

EXEC

Name/CLI Keyword	exec
Full Name	exec
Description	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 acomplished by redirecting standard in/out and standard error through the connection.
Reference	http://wiki.wireshark.org/Exec
Global ID	L4:512
ID	426
Known Mappings	
UDP Port	
TCP Port	512
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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FACEBOOK

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

FACEBOOK-AUDIO

Name/CLI Keyword	facebook-audio
Full Name	Facebook Audio Streaming
Description	Facebook audio streaming services..
Reference	http://www.facebook.com/
Global ID	L7:1063
ID	1063
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	

FACEBOOK-MEDIA

Name/CLI Keyword	facebook-media
Full Name	Facebook Media Streaming
Description	Facebook media streaming services.
Reference	http://www.facebook.com/
Global ID	L7:1070
ID	1070
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	

FACEBOOK-VIDEO

Name/CLI Keyword	facebook-video
Full Name	Facebook Video Streaming
Description	Facebook video streaming services.
Reference	http://www.facebook.com/
Global ID	L7:1065
ID	1065
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant.
Category	social-networking
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	

FACETIME

Name/CLI Keyword	facetime
Full Name	Facetime
Description	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).
Reference	http://www.apple.com/iphone/built-in-apps/facetime.html
Global ID	L7:535
ID	1469
Known Mappings	
UDP Port	53,3478,5060,5353
TCP Port	53,80,443,3478,5060,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat,sip,dns,quic

FASTTRACK

Name/CLI Keyword	fasttrack
Full Name	FastTrack
Description	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.
Reference	http://developer.berlios.de/projects/gift-fasttrack/
Global ID	L7:57
ID	57
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fasttrack-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-networking
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FASTTRACK-STATIC

Name/CLI Keyword	fasttrack-static
Full Name	FastTrack
Description	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.
Reference	http://en.wikipedia.org/wiki/FastTrack
Global ID	L7:467
ID	1322
Known Mappings	
UDP Port	1214
TCP Port	1214
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fasttrack-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-networking
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

FATSERV

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

FC

Name/CLI Keyword	fc
Full Name	Fibre Channel
Description	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.
Reference	http://en.wikipedia.org/wiki/Internet_Fibre_Channel_Protocol
Global ID	L3:133
ID	1231
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	133
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FC2

Name/CLI Keyword	fc2
Full Name	FC2
Description	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.
Reference	http://www.fc2.com
Global ID	L7:580
ID	1519
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

FCP

Name/CLI Keyword	fcp
Full Name	FirstClass Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/FirstClass
Global ID	L4:510
ID	424
Known Mappings	
UDP Port	510
TCP Port	510
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FEDEX

Name/CLI Keyword	fedex
Full Name	FedEx
Description	FedEx - Courier delivery services.
Reference	http://fedex.com
Global ID	L7:681
ID	1611
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FEEDLY

Name/CLI Keyword	feedly
Full Name	Feedly
Description	Feedly - News Aggregator.
Reference	http://feedly.com
Global ID	L7:652
ID	1581
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FILEMAKER-ANNOUNCEMENT

Name/CLI Keyword	filemaker-announcement
Full Name	Filemaker relational database application
Description	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.
Reference	http://www.filemaker.com/
Global ID	L4:2399
ID	1381
Known Mappings	
UDP Port	2399,5003,5013,5015,16000,16001,16016
TCP Port	2399,5003,5013,5015,16000,16001,16016
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FILETOPIA

Name/CLI Keyword	filetopia
Full Name	Filetopia
Description	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.
Reference	http://www.filetopia.org/
Global ID	L7:433
ID	432
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FINGER

Name/CLI Keyword	finger
Full Name	Finger Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc1288.txt
Global ID	L4:79
ID	14
Known Mappings	
UDP Port	79
TCP Port	79
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FIRE

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

FIVER

Name/CLI Keyword	fiver
Full Name	Fiverr
Description	Fiverr - E-Commerce site generally for $5.
Reference	http://fiverr.com
Global ID	L7:682
ID	1612
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FIX

Name/CLI Keyword	fix
Full Name	Financial Information eXchange
Description	Financial Information eXchange (FIX) is a standard way to communicate trading information electronically between brokers, institutions and markets. The underlying protocol is SSL.
Reference	http://www.fixprotocol.org/what-is-fix.shtml
Global ID	L7:74
ID	74
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl,dns

FLASH-VIDEO

Name/CLI Keyword	flash-video
Full Name	Flash Video
Description	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.
Reference	http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf
Global ID	L7:299
ID	117
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

FLASHMYSPACE

Name/CLI Keyword	flashmyspace
Full Name	Flash Myspace
Description	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.
Reference	http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf
Global ID	L7:300
ID	119
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

FLASHYAHOO

Name/CLI Keyword	flashyahoo
Full Name	Flash Yahoo
Description	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.
Reference	http://developer.yahoo.com/flash/
Global ID	L7:301
ID	118
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

FLEXLM

Name/CLI Keyword	flexlm
Full Name	Flexible License Manager
Description	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.
Reference	http://www.flexerasoftware.com/products/flexnet-publisher.htm
Global ID	L4:744
ID	620
Known Mappings	
UDP Port	744
TCP Port	744
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	license-manager
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FLICKR

Name/CLI Keyword	flickr
Full Name	Flickr
Description	Flickr - Image and video hosting website, web services and online community
Reference	http://flickr.com
Global ID	L7:641
ID	1570
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FLN-SPX

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

FONT-SERVICE

Name/CLI Keyword	font-service
Full Name	X Font Service
Description	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.
Reference	http://docs.oracle.com/cd/E18728_01/html/821-2848/dsdl_sample-2.html
Global ID	L4:7100
ID	1370
Known Mappings	
UDP Port	7100
TCP Port	7100
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FOODNETWORK

Name/CLI Keyword	foodnetwork
Full Name	Food Network
Description	Food Network - Official website for the TV network about food and cooking.
Reference	http://foodnetwork.com
Global ID	L7:758
ID	1688
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FOURSQUARE

Name/CLI Keyword	foursquare
Full Name	Foursquare
Description	Foursquare - helps you find the perfect places to go with friends.
Reference	http://foursquare.com
Global ID	L7:806
ID	1734
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FOX-NEWS

Name/CLI Keyword	fox-news
Full Name	Fox News
Description	Fox News - Web Portal for news update.
Reference	http://foxnews.com
Global ID	L7:659
ID	1588
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

FRING

Name/CLI Keyword	fring
Full Name	Fring
Description	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.
Reference	http://www.fring.com/what-is-fring
Global ID	L7:54
ID	1052
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

FRING-VIDEO

Name/CLI Keyword	fring-video
Full Name	Fring Video
Description	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.
Reference	http://www.fring.com/what-is-fring
Global ID	L7:60
ID	1040
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	fring-voip

FRING-VOIP

Name/CLI Keyword	fring-voip
Full Name	Fring VoIP
Description	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.
Reference	http://www.fring.com/what-is-fring
Global ID	L7:444
ID	1053
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FTP-AGENT

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

FTP-DATA

Name/CLI Keyword	ftp-data
Full Name	File Transfer [Default Data]
Description	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.
Reference	http://tools.ietf.org/html/rfc959
Global ID	L4:20
ID	909
Known Mappings	
UDP Port	20
TCP Port	20
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FTP

Name/CLI Keyword	ftp
Full Name	File Transfer Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc959.txt
Global ID	L4:21
ID	2
Known Mappings	
UDP Port	
TCP Port	21,21000
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

FTPS-DATA

Name/CLI Keyword	ftps-data
Full Name	Secure FTP Data
Description	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.
Reference	http://en.wikipedia.org/wiki/FTPS
Global ID	L4:989
ID	668
Known Mappings	
UDP Port	989
TCP Port	989
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	business-default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

FUJITSU-DEV

Name/CLI Keyword	fujitsu-dev
Full Name	Fujitsu Device Control
Description	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.
Reference	http://www.fujitsu.com/global/
Global ID	L4:747
ID	621
Known Mappings	
UDP Port	747
TCP Port	747
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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GACP

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

GAME-SPY

Name/CLI Keyword	game-spy
Full Name	Game-spy Online Gaming
Description	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.
Reference	http://www.gamespy.com/
Global ID	L7:506
ID	1349
Known Mappings	
UDP Port	6515,27900
TCP Port	6500,28900
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GBRIDGE

Name/CLI Keyword	gbridge
Full Name	Gbridge
Description	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match. Gbridge is a free software that allows users to control PCs remotely, sync folders, share files and chat securely using a Google Account.
Reference	http://www.gbridge.com
Global ID	L7:530
ID	1465
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	http

GDOMAP

Name/CLI Keyword	gdomap
Full Name	gdomap
Description	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 deamon is not used for lookup where two processes belonging to the same user are using a host-local connection.
Reference	http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html
Global ID	L4:538
ID	456
Known Mappings	
UDP Port	538
TCP Port	538
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GDS_DB

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

GENIE

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

GENRAD-MUX

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

GGF-NCP

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

GGP

Name/CLI Keyword	ggp
Full Name	Gateway-to-Gateway Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol
Global ID	L3:3
ID	759
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	3
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GINAD

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

GITHUB

Name/CLI Keyword	github
Full Name	GitHub
Description	GitHub - Code management portal for open Source projects.
Reference	http://github.com
Global ID	L7:625
ID	1554
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns

GIZMODO

Name/CLI Keyword	gizmodo
Full Name	Gizmodo
Description	Gizmodo - Blogs about design and technology.
Reference	http://gizmodo.com
Global ID	L7:688
ID	1618
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GKRELLM

Name/CLI Keyword	gkrellm
Full Name	GNU Krell Monitors
Description	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.
Reference	http://www.gkrellm.net/
Global ID	L4:19150
ID	1344
Known Mappings	
UDP Port	
TCP Port	19150
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GMAIL

Name/CLI Keyword	gmail
Full Name	Gmail
Description	GMAIL is a free web based email service provided by Google Inc. The underlying protocols for GMAIL are SSL and HTTP.
Reference	http://mail.google.com/mail/
Global ID	L7:462
ID	1073
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,google,ssl,dns,quic

GMTP

Name/CLI Keyword	gmtp
Full Name	GMTP
Description	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.
Reference	http://gmtp.sourceforge.net
Global ID	L3:100
ID	854
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	100
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GMX-MAIL

Name/CLI Keyword	gmx-mail
Full Name	GMX Mail
Description	GMX Mail - German based webmail service.
Reference	http://gmx.co
Global ID	L7:762
ID	1591
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GNUTELLA

Name/CLI Keyword	gnutella
Full Name	Gnutella
Description	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.
Reference	http://rfc-gnutella.sourceforge.net/
Global ID	L7:58
ID	58
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gnutella-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

GOODREADS

Name/CLI Keyword	goodreads
Full Name	Goodreads
Description	Goodreads - Book review and cataloging.
Reference	http://goodreads.com
Global ID	L7:670
ID	1599
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GODADDY

Name/CLI Keyword	godaddy
Full Name	GoDaddy
Description	GoDaddy - Domain registrar
Reference	http://godaddy.com
Global ID	L7:640
ID	1569
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GO-LOGIN

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

GOBOOGY

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

GOOGLE-ACCOUNTS

Name/CLI Keyword	google-accounts
Full Name	Google Accounts Authentication
Description	Google Accounts Authentication protocol covers the traffic logging into Google services using Google certificates.
Reference	http://en.wikipedia.org/wiki/Google_Account
Global ID	L7:528
ID	1440
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	authentication-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,dns,quic

GOOGLE-DOCS

Name/CLI Keyword	google-docs
Full Name	Google Docs\Drive
Description	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.
Reference	https://docs.google.com/#home
Global ID	L7:522
ID	1458
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	Yes
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,google,ssl,dns,quic

GOOGLE-DOWNLOADS

Name/CLI Keyword	google-downloads
Full Name	Google Downloads Services
Description	Google downloads and Google application updates.
Reference	http://dl.google.com/
Global ID	L7:1081
ID	1081
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	No
Encrypted	Unassigned
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

GOOGLE-EARTH

Name/CLI Keyword	google-earth
Full Name	Google Earth
Description	Google Earth is an application that lets the user view the world virtually though satellite imagery, maps and 3D buildings, etc. The application runs on Windows, MAC and Linux OS. The underlying protocol of Google Earth is HTTP.
Reference	http://www.google.com/earth/index.html
Global ID	L7:441
ID	897
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http

GOOGLE-PLAY

Name/CLI Keyword	google-play
Full Name	Google Play
Description	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.
Reference	https://play.google.com
Global ID	L7:589
ID	1528
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

GOOGLE-PLUS

Name/CLI Keyword	google-plus
Full Name	Google+
Description	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.
Reference	https://plus.google.com/
Global ID	L7:521
ID	1457
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	google,ssl,dns,quic

GOOGLE-SERVICES

Name/CLI Keyword	google-services
Full Name	Google Services
Description	google-services is a set of tools and APIs used by Google applications.
Reference	https://www.google.com/
Global ID	L7:520
ID	1456
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	Yes
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GOOGLE-SERVICES-AUDIO

Name/CLI Keyword	google-services-audio
Full Name	Google Services Audio
Description	Audio streaming related to various Google services, APIs, and collaboration software.
Reference	https://www.google.com/
Global ID	L7:1061
ID	1061
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	

GOOGLE-SERVICES-MEDIA

Name/CLI Keyword	google-services-media
Full Name	Google Services Media
Description	Media streaming related to various Google services, APIs, and collaboration software.
Reference	https://www.google.com/
Global ID	L7:1071
ID	1071
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	

GOOGLE-SERVICES-VIDEO

Name/CLI Keyword	google-services-video
Full Name	Google Services Video
Description	Video streaming related to various Google services, APIs, and collaboration software.
Reference	https://www.google.com/
Global ID	L7:1062
ID	1062
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	

GOPHER

Name/CLI Keyword	gopher
Full Name	Gopher
Description	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.
Reference	http://tools.ietf.org/html/rfc1436
Global ID	L4:70
ID	15
Known Mappings	
UDP Port	70
TCP Port	70
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GOTODEVICE

Name/CLI Keyword	gotodevice
Full Name	GotoDevice
Description	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.
Reference	http://www.gotodevice.com/
Global ID	L4:2217
ID	1346
Known Mappings	
UDP Port	2217
TCP Port	2217
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	tcp,udp

GOTOMEETING

Name/CLI Keyword	gotomeeting
Full Name	GoToMeeting
Description	GoToMeeting is a web-hosted service for online meeting, desktop sharing, and video conferencing that enables users to meet with other computer users, customers, clients, or colleagues via internet in real time.
Reference	https://www.gotomeeting.com/
Global ID	L7:1166
ID	1166
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	http,ssl,dns

GOTOMYPC

Name/CLI Keyword	gotomypc
Full Name	Gotomypc
Description	GoToMyPC is a remote control software service that enables users to operate their computer remotely from any device. It is produced by Critix Online.
Reference	http://www.gotomypc.com/
Global ID	L7:499
ID	1435
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	ssl,http,dns

GRAPHICS

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

GRE

Name/CLI Keyword	gre
Full Name	Generic Route Encapsulation
Description	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.
Reference	http://tools.ietf.org/html/rfc2784
Global ID	L3:47
ID	5
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	47
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic Class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GREE

Name/CLI Keyword	gree
Full Name	GREE
Description	GREE is a Japanese social gaming platform. Games developed for GREE offer the users a gaming intended social network on which they can share comments and likes, upload photos and game screenshots, create avatars, share games and more.
Reference	http://gree.net
Global ID	L7:597
ID	1536
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

GRIDFTP

Name/CLI Keyword	gridftp
Full Name	Grid FTP
Description	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.
Reference	http://www.globus.org/grid_software/data/gridftp.php
Global ID	L7:451
ID	1309
Known Mappings	
UDP Port	-
TCP Port	21,2811,21000
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ftp

GROOVE

Name/CLI Keyword	groove
Full Name	Groove
Description	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.
Reference	http://office.com/sharepoint-workspace/
Global ID	L4:2492
ID	715
Known Mappings	
UDP Port	2492
TCP Port	2492
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GROUPWISE

Name/CLI Keyword	groupwise
Full Name	Groupwise
Description	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.
Reference	http://www.novell.com/products/groupwise/
Global ID	L4:1677
ID	1347
Known Mappings	
UDP Port	1677
TCP Port	1677
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GSIFTP

Name/CLI Keyword	gsiftp
Full Name	Globus GridFTP
Description	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.
Reference	http://www.globus.org/toolkit/data/gridftp/
Global ID	L4:2811
ID	1313
Known Mappings	
UDP Port	2811
TCP Port	2811
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

GSS-HTTP

Name/CLI Keyword	gss-http
Full Name	GSS-HTTP
Description	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.
Reference	http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4
Global ID	L4:488
ID	402
Known Mappings	
UDP Port	488
TCP Port	488
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GSS-XLICEN

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

GTALK-CHAT

Name/CLI Keyword	gtalk-chat
Full Name	Google Talk Chat
Description	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.
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	L7:464
ID	1324
Known Mappings	
UDP Port	5222
TCP Port	443,5222
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gtalk-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	client-server
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	xmpp-client,ssl

GTALK-FT

Name/CLI Keyword	gtalk-ft
Full Name	Google Talk File Transfer
Description	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
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	L7:308
ID	1201
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gtalk-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	stun-nat,gtalk

GTALK-VIDEO

Name/CLI Keyword	gtalk-video
Full Name	Google Talk Video
Description	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
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	L7:471
ID	1403
Known Mappings	
UDP Port	3478
TCP Port	80,3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gtalk-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,gtalk,stun-nat,rtp

GTALK-VOIP

Name/CLI Keyword	gtalk-voip
Full Name	Google Talk Voice
Description	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
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	L7:305
ID	1198
Known Mappings	
UDP Port	3478
TCP Port	80,3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gtalk-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	stun-nat,gtalk,ssl,rtp,http

GTALK

Name/CLI Keyword	gtalk
Full Name	Google Talk
Description	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".
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	L7:470
ID	1030
Known Mappings	
UDP Port	53,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gtalk-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,google,ssl,stun-nat,dns,quic

GTP-USER

Name/CLI Keyword	gtp-user
Full Name	GTP-User Plane (3GPP)
Description	GTP-U is a GPRS Tunneling Protocol used for carrying user data within the GPRS Core Network and between theRadio Access Networkand the core network. The user data transported can be packets in any ofIPv4,IPv6, orPPP formats.
Reference	http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol
Global ID	L4:2152
ID	740
Known Mappings	
UDP Port	2152
TCP Port	2152
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

GURUGURU

Name/CLI Keyword	guruguru
Full Name	guruguru
Description	The Guruguru protocol is used by the Guruguru file-sharing application mostly in Japan.
Reference	http://www.guruguru.co.jp
Global ID	L7:436
ID	757
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	-
IPv6 Support	-
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic Class	Bulk-data . From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

GYAO

Name/CLI Keyword	gyao
Full Name	Gyao
Description	Gyao is a video site operated by Yahoo Japan.
Reference	https://gyao.yahoo.co.jp/
Global ID	L7:1164
ID	1164
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	http,ssl,dns

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H225

Name/CLI Keyword	h225
Full Name	H.225
Description	H.225 is part of the H.323 family of telecommunication protocols, used for call signaling and control.
Reference	http://www.h323forum.org/standards/
Global ID	L7:1172
ID	1172
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling
Tunnel	No
Underlying Protocols	-

H245

Name/CLI Keyword	h245
Full Name	H.245
Description	H.245 is a control channel protocol used within H.323 and H.324 communication sessions, and involves the line transmission of non-telephone signals.
Reference	http://www.h323forum.org/standards/
Global ID	L7:1173
ID	1173
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling
Tunnel	No
Underlying Protocols	-

H323

Name/CLI Keyword	h323
Full Name	H.323 Protocol
Description	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.
Reference	http://www.h323forum.org/
Global ID	L7:64
ID	64
Known Mappings	
UDP Port	1300,1718,1719,1720,11720
TCP Port	1300,1718,1719,1720,11720
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HA-CLUSTER

Name/CLI Keyword	ha-cluster
Full Name	ha-cluster
Description	High-availability clusters (also known as HA clusters or failover clusters) are groups of computers that supportserverapplications 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.
Reference	http://en.wikipedia.org/wiki/Ha-cluster
Global ID	L4:694
ID	602
Known Mappings	
UDP Port	694
TCP Port	694
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HAMACHI

Name/CLI Keyword	hamachi
Full Name	Hamachi VPN Application
Description	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.
Reference	http://www.hamachi.cc/
Global ID	L4:10080
ID	1382
Known Mappings	
UDP Port	
TCP Port	10080,12975
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HANGOUTS

Name/CLI Keyword	hangouts
Full Name	Hangouts
Description	Google Hangouts is a communication platform developed by Google which includes instant messaging, video chat, SMS, and VOIP features.
Reference	https://hangouts.google.com/
Global ID	L7:1087
ID	1087
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	google,http,ssl,rtp,dns

HANGOUTS-AUDIO

Name/CLI Keyword	hangouts-audio
Full Name	Hangouts Audio
Description	Google Hangouts audio.
Reference	https://hangouts.google.com/
Global ID	L7:1090
ID	1090
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	Yes
Encrypted	Yes
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	rtp,gtalk-voip

HANGOUTS-CHAT

Name/CLI Keyword	hangouts-chat
Full Name	Hangouts Chat
Description	Google Hangouts chat.
Reference	https://hangouts.google.com/
Global ID	L7:1091
ID	1091
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	gtalk-chat

HANGOUTS-FILE-TRANSFER

Name/CLI Keyword	hangouts-file-transfer
Full Name	Hangouts File Transfer
Description	Google Hangouts file transfer.
Reference	https://hangouts.google.com/
Global ID	L7:1092
ID	1092
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	gtalk-ft

HANGOUTS-MEDIA

Name/CLI Keyword	hangouts-media
Full Name	Hangouts Media
Description	Google Hangouts media.
Reference	https://hangouts.google.com/
Global ID	L7:1088
ID	1088
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	google,stun-nat,rtp

HANGOUTS-VIDEO

Name/CLI Keyword	hangouts-video
Full Name	Hangouts Video
Description	Google Hangouts video.
Reference	https://hangouts.google.com/
Global ID	L7:1089
ID	1089
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hangouts-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	rtp,gtalk-video

HAP

Name/CLI Keyword	hap
Full Name	Host Access Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1221
Global ID	L4:661
ID	569
Known Mappings	
UDP Port	661
TCP Port	661
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	trojan
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HASSLE

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

HCP-WISMAR

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

HDAP

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

HELLO-PORT

Name/CLI Keyword	hello-port
Full Name	HELLO Port
Description	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.
Reference	http://tools.ietf.org/html/rfc3077
Global ID	L4:652
ID	561
Known Mappings	
UDP Port	652
TCP Port	652
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HEMS

Name/CLI Keyword	hems
Full Name	High-Level Entity Management System
Description	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.
Reference	http://tools.ietf.org/html/rfc1021
Global ID	L4:151
ID	981
Known Mappings	
UDP Port	151
TCP Port	151
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HEROIX-LONGITUDE

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

HIP

Name/CLI Keyword	hip
Full Name	Host Identity Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc5201
Global ID	L3:139
ID	1237
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	139
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HITACHI-SPC

Name/CLI Keyword	hitachi-spc
Full Name	Hitachi Universal Storage Platform
Description	Hitachi Universal Storage Platformis the brand name for anHitachi Data Systemsline ofenterprise storagearrays.
Reference	http://en.wikipedia.org/wiki/Universal_Storage_Platform
Global ID	L4:20016
ID	1348
Known Mappings	
UDP Port	
TCP Port	20016
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HL7

Name/CLI Keyword	hl7
Full Name	Health Level 7
Description	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.
Reference	http://www.hl7.org/about/index.cfm?ref=nav
Global ID	L7:73
ID	73
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	-

HMMP-IND

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

HMMP-OP

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

HMP

Name/CLI Keyword	hmp
Full Name	Host Monitoring Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc869
Global ID	L3:20
ID	774
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	20
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HOLLYWOOD-REPORTER

Name/CLI Keyword	hollywood-reporter
Full Name	The Hollywood Reporter
Description	The Hollywood Reporter - News related to the entertainment industry.
Reference	http://hollywoodreporter.com
Global ID	L7:790
ID	1718
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HOOTSUITE

Name/CLI Keyword	hootsuite
Full Name	HootSuite
Description	HootSuite - Social Network management.
Reference	http://hootsuite.com
Global ID	L7:668
ID	1597
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HOPOPT

Name/CLI Keyword	hopopt
Full Name	hopopt
Description	DEPRECATED traffic will not match
Reference	
Global ID	L3:0
ID	756
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HOSTGATOR

Name/CLI Keyword	hostgator
Full Name	HostGator
Description	HostGator - Web hosting portal.
Reference	http://hostgator.com
Global ID	L7:709
ID	1639
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HOSTNAME

Name/CLI Keyword	hostname
Full Name	NIC Internet Hostname Server
Description	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.
Reference	http://tools.ietf.org/html/rfc953
Global ID	L4:101
ID	972
Known Mappings	
UDP Port	101
TCP Port	101
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HOTELS-COM

Name/CLI Keyword	hotels-com
Full Name	Hotels.com
Description	Hotels.com - Webportal for finding hotel deals and booking it online.
Reference	http://hotels.com
Global ID	L7:715
ID	1645
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HOTMAIL

Name/CLI Keyword	hotmail
Full Name	Hotmail Email Services
Description	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.
Reference	http://www.hotmail.com
Global ID	L7:511
ID	1446
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned
Underlying Protocols	-

HP-ALARM-MGR

Name/CLI Keyword	hp-alarm-mgr
Full Name	HP Network Management Center.
Description	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.
Reference	http://en.wikipedia.org/wiki/HP_OpenView
Global ID	L4:383
ID	299
Known Mappings	
UDP Port	383
TCP Port	383
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HP-COLLECTOR

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

HP-MANAGED-NODE

Name/CLI Keyword	hp-managed-node
Full Name	HP Performance Data Managed Node
Description	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.
Reference	https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=PERFMINFO
Global ID	L4:382
ID	298
Known Mappings	
UDP Port	382
TCP Port	382
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HP-PDL-DATASTR

Name/CLI Keyword	hp-pdl-datastr
Full Name	PDL data streaming port
Description	Page description language (PDL) is a language that describes the appearance of a printed page in a higher level than an actual output bitmap.
Reference	http://www.pclviewer.com/resources/reference/
Global ID	L4:9100
ID	1384
Known Mappings	
UDP Port	9100
TCP Port	9100
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HTC-SERVICES

Name/CLI Keyword	htc-services
Full Name	HTC Services
Description	HTC Services are HTC mobile devices software support and HTC website traffic.
Reference	http://www.htc.com
Global ID	L7:595
ID	1534
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HTTP-ALT

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

HTTP-LOCAL-NET

Name/CLI Keyword	http-local-net
Full Name	LOCAL NET HTTP
Description	Local network generic HTTP traffic.
Reference	
Global ID	L7:812
ID	1743
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns

HTTP-MGMT

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

HTTP-RPC-EPMAP

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

HTTP

Name/CLI Keyword	http
Full Name	HyperText Transfer Protocol
Description	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.
Reference	http://www.w3.org/Protocols/rfc2616/rfc2616.html
Global ID	L4:80
ID	3
Known Mappings	
UDP Port	
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HTTPS

Name/CLI Keyword	https
Full Name	HTTPS
Description	Hypertext Transfer Protocol Secure (HTTPS)
Reference	https://tools.ietf.org/html/rfc2818
Global ID	L4:1443
ID	1738
Known Mappings	
UDP Port	443
TCP Port	443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	tcp,udp

HUBSPOT

Name/CLI Keyword	hubspot
Full Name	HubSpot
Description	Software products and services for inbound marketing and sales, including tools for social media marketing, content management, web analytics, and search engine optimization.
Reference	https://www.hubspot.com
Global ID	L7:1197
ID	1197
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

HUFFINGTONPOST

Name/CLI Keyword	huffingtonpost
Full Name	The Huffington Post
Description	The Huffington Post - Online news website.
Reference	http://huffingtonpost.co.uk
Global ID	L7:628
ID	1557
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HULU

Name/CLI Keyword	hulu
Full Name	Hulu
Description	Hulu is a Flash-based, ad-supported streaming video website that carries movies and TV series.
Reference	http://www.hulu.com
Global ID	L7:458
ID	1317
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

HYBRID-POP

Name/CLI Keyword	hybrid-pop
Full Name	Hybrid Point of Presence
Description	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.
Reference	http://cookreport.com/hybrid.shtml
Global ID	L4:473
ID	387
Known Mappings	
UDP Port	473
TCP Port	473
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

HYPER-G

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

HYPERWAVE-ISP

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

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I-NLSP

Name/CLI Keyword	i-nlsp
Full Name	Integrated Net Layer Security Protocol
Description	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).
Reference	http://tools.ietf.org/html/draft-ietf-tuba-inlsp-00#section-1
Global ID	L3:52
ID	806
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	52
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IAFDBASE

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

IAFSERVER

Name/CLI Keyword	iafserver
Full Name	IAFServer
Description	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.
Reference	http://documentation.softwareag.com/webmethods/wmsuites/wmsuite8-2_ga/EntireX/8-2-SP1_EntireX/security/iaf.htm
Global ID	L4:479
ID	393
Known Mappings	
UDP Port	479
TCP Port	479
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IASD

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

IATP

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

IAX

Name/CLI Keyword	iax
Full Name	Inter-Asterisk eXchange
Description	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.
Reference	http://tools.ietf.org/html/rfc5456
Global ID	L4:4569
ID	1329
Known Mappings	
UDP Port	4569
TCP Port	4569
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IBM-APP

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

IBM-DB2

Name/CLI Keyword	ibm-db2
Full Name	IBM-DB2
Description	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.
Reference	http://www-01.ibm.com/software/data/db2/
Global ID	L4:523
ID	95
Known Mappings	
UDP Port	523
TCP Port	523
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IBM-DIRECTOR

Name/CLI Keyword	ibm-director
Full Name	IBM Director
Description	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.
Reference	http://www.ibm.com/systems/management/director
Global ID	L4:4490
ID	1398
Known Mappings	
UDP Port	4490,4491,6090,13991,14247,14248,15988,15989,34572
TCP Port	4490,4491,6090,14247,14248,14249,15988,15989,34572
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IBPROTOCOL

Name/CLI Keyword	ibprotocol
Full Name	Internet Backplane Protocol
Description	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.
Reference	http://loci.cs.utk.edu/ibp/
Global ID	L4:6714
ID	737
Known Mappings	
UDP Port	6714
TCP Port	6714
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ICLCNET-LOCATE

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

ICLCNET_SVINFO

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

ICLOUD

Name/CLI Keyword	icloud
Full Name	iCloud
Description	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.
Reference	http://www.apple.com/icloud/
Global ID	L7:564
ID	1501
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ICMP

Name/CLI Keyword	icmp
Full Name	Internet Control Message Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc792
Global ID	L3:1
ID	6
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	1
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ICQ-FILETRANSFER

Name/CLI Keyword	icq-filetransfer
Full Name	ICQ File Transfer
Description	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.
Reference	http://www.icq.com/support/icq_7/file_transfer/en
Global ID	L7:311
ID	1204
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	icq-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ICQ

Name/CLI Keyword	icq
Full Name	ICQ
Description	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.
Reference	http://www.icq.com/en
Global ID	L7:269
ID	902
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	icq-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns

IDFP

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

IDPR-CMTP

Name/CLI Keyword	idpr-cmtp
Full Name	IDPR Control Message Transport Protocol
Description	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.
Reference	https://trac.tools.ietf.org/rfc/rfc1477.txt
Global ID	L3:38
ID	792
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	38
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IDPR

Name/CLI Keyword	idpr
Full Name	Inter-Domain Policy Routing Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1479
Global ID	L3:35
ID	789
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	35
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	tcp,udp

IDRP

Name/CLI Keyword	idrp
Full Name	Inter-Domain Routing Protocol
Description	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.
Reference	http://tools.ietf.org/html/draft-ietf-idr-idrp2-00
Global ID	L3:45
ID	799
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	45
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	-

IEEE-MMS-SSL

Name/CLI Keyword	ieee-mms-ssl
Full Name	IEEE-MMS-SSL
Description	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards de?ne a software component model for working with removable media as well as a number of protocols that de?ne 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.
Reference	http://grouper.ieee.org/groups/1619/email/pdf00001.pdf
Global ID	L4:695
ID	603
Known Mappings	
UDP Port	695
TCP Port	695
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

IEEE-MMS

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

IFMP

Name/CLI Keyword	ifmp
Full Name	Ipsilon Flow Management Protocol
Description	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.
Reference	http://www.rfc-editor.org/rfc/rfc1953.txt
Global ID	L3:101
ID	855
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	101
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IGMP

Name/CLI Keyword	igmp
Full Name	IGMP
Description	Internet Group Management Protocol, used by IP hosts to report their multicast group memberships to routers.
Reference	https://tools.ietf.org/html/rfc2236
Global ID	L7:1210
ID	1210
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

IGRP

Name/CLI Keyword	igrp
Full Name	Cisco Interior Gateway Routing Protocol
Description	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.
Reference	http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml
Global ID	L3:9
ID	764
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	9
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	tcp,udp

IIOP

Name/CLI Keyword	iiop
Full Name	General Inter-ORB Protocol
Description	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).
Reference	http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf
Global ID	L4:535
ID	453
Known Mappings	
UDP Port	535
TCP Port	535
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IL

Name/CLI Keyword	il
Full Name	Internal Link Transport Protocol
Description	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.
Reference	http://doc.cat-v.org/plan_9/4th_edition/papers/il/
Global ID	L3:40
ID	794
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	40
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IMAP

Name/CLI Keyword	imap
Full Name	Internet Message Access Protocol version 4
Description	Internet Message Access protocol (IMAP) allows users to acess 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.
Reference	http://tools.ietf.org/html/rfc3501
Global ID	L4:143
ID	17
Known Mappings	
UDP Port	143,220
TCP Port	143,220
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IMDB

Name/CLI Keyword	imdb
Full Name	IMDB
Description	IMDB - Movie information, reviews and previews
Reference	http://imdb.com
Global ID	L7:529
ID	262
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

IMGUR

Name/CLI Keyword	imgur
Full Name	Imgur
Description	Imgur is an online image sharing community and image host.
Reference	https://imgur.com/
Global ID	L7:292
ID	292
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

IMSP

Name/CLI Keyword	imsp
Full Name	Interactive Mail Support Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/IMSP
Global ID	L4:406
ID	321
Known Mappings	
UDP Port	406
TCP Port	406
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

INBUSINESS

Name/CLI Keyword	inbusiness
Full Name	Intel InBusiness
Description	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.
Reference	http://www.intel.com/support/inbusiness/emailstation/sb/cs-014773.htm
Global ID	L4:244
ID	1124
Known Mappings	
UDP Port	244
TCP Port	244
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

INDEED-COM

Name/CLI Keyword	indeed-com
Full Name	Indeed
Description	Indeed - The job search engine.
Reference	http://indeed.com
Global ID	L7:649
ID	1578
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INDEPENDENT-NEWS

Name/CLI Keyword	independent-news
Full Name	Destructoid
Description	Destructoid - An independent blog focused on video games.
Reference	http://independent.co.uk
Global ID	L7:724
ID	1654
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INDIEGOGO

Name/CLI Keyword	indiegogo
Full Name	Indiegogo
Description	Indiegogo - Online Fund raiser for new ideas/products.
Reference	http://indiegogo.com
Global ID	L7:805
ID	1733
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INDIATIMES

Name/CLI Keyword	indiatimes
Full Name	Indiatimes
Description	Indiatimes - Online news portal.
Reference	http://indiatimes.com
Global ID	L7:632
ID	1561
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INFOSEEK

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

INFUSIONSOFT

Name/CLI Keyword	infusionsoft
Full Name	Infusionsoft
Description	Infusionsoft - Software company providing solutions for sales and marketing.
Reference	http://infusionsoft.com
Global ID	L7:713
ID	1643
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INGRES-NET

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

INSTAGRAM

Name/CLI Keyword	Instagram
Full Name	Instagram
Description	Instagram is an online photo-sharing, video-sharing and social networking service that enables its users to take pictures and videos, apply digital filters to them, and share them on a variety of social networking services.
Reference	http://instagram.com/
Global ID	L7:598
ID	1537
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INSTITUTE-OF-HEALTH

Name/CLI Keyword	institute-of-health
Full Name	NIH
Description	NIH - National Institutes of Health, agency of the US Department of Health and Human Services.
Reference	http://nih.gov
Global ID	L7:661
ID	1590
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INSTITUT-SF

Name/CLI Keyword	institut-sf
Full Name	Institut-SF
Description	Institut Studio Francais, an institution teaching the French language. Offers online private French courses.
Reference	https://www.institut-sf.com/
Global ID	L7:1212
ID	1212
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns

INTECOURIER

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

INTEGRA-SME

Name/CLI Keyword	integra-sme
Full Name	Integra Software Management Environment
Description	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.
Reference	http://eval.symantec.com/mktginfo/enterprise/other_resources/b-symantec_management_platform_installation_guide_01-2009-en-us.pdf
Global ID	L4:484
ID	398
Known Mappings	
UDP Port	484
TCP Port	484
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

INTERNET-AUDIO-STREAMING

Name/CLI Keyword	internet-audio-streaming
Full Name	Internet Audio Streaming Web Apps
Description	The internet audio streaming protocol gathers the top websites and web applications for audio streaming on the internet such as SoundCloud, Grooveshark and more.
Reference	http://www.soundcloud.com
Global ID	L7:575
ID	1514
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns,quic

INTERNET-VIDEO-STREAMING

Name/CLI Keyword	internet-video-streaming
Full Name	Internet Video Streaming Web Apps
Description	The internet video streaming protocol gathers the top websites and web applications for video streaming on the internet such as Ustream, DailyMotion and more.
Reference	[redacted]
Global ID	L7:574
ID	1513
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns,quic

INTRINSA

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

INTUIT

Name/CLI Keyword	intuit
Full Name	Intuit
Description	Intuit - Software company for financial and tax related services.
Reference	http://intuit.com
Global ID	L7:665
ID	1594
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

INVESTOPEDIA

Name/CLI Keyword	investopedia
Full Name	Investopedia
Description	Investopedia - A wiki focused on information related to investments.
Reference	http://investopedia.com
Global ID	L7:783
ID	1711
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

IPASS

Name/CLI Keyword	ipass
Full Name	iPass
Description	iPass allow users to connect to millions of hotspots around the world.
Reference	http://ipass.com/
Global ID	L7:1007
ID	1007
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	dns,http,ssl

IPFIX

Name/CLI Keyword	ipfix
Full Name	IPFIX
Description	IPFIX is the 10th version of the protocol Netflow, which is a network protocol developed by Cisco Systems for collecting IP traffic information and monitoring network traffic. The 9th version of this protocol is classified as Netflow.
Reference	http://www.oiseyer.com/index-e.php
Global ID	L7:606
ID	1545
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	No
Traffic-class	ops-admin-mgmt
Encrypted	No
Tunnel	No
Underlying Protocols	-

IP-MESSENGER

Name/CLI Keyword	ip-messenger
Full Name	IP Messenger
Description	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.
Reference	http://ipmsg.org/index.html.en
Global ID	L7:475
ID	1326
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPCD

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

IPCOMP

Name/CLI Keyword	ipcomp
Full Name	IP Payload Compression Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3173
Global ID	L3:108
ID	862
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	108
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPCSERVER

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

IPCV

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

IPDD

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

IPERF

Name/CLI Keyword	iperf
Full Name	iPerf
Description	iPerf is a widely used tool for network performance measurement and tuning.
Reference	https://iperf.fr
Global ID	L7:335
ID	335
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	-

IPINIP

Name/CLI Keyword	ipinip
Full Name	IP in IP
Description	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).
Reference	http://tools.ietf.org/html/rfc1853
Global ID	L3:4
ID	8
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	4
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

IPIP

Name/CLI Keyword	ipip
Full Name	IP-within-IP Encapsulation Protocol
Description	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.
Reference	https://tools.ietf.org/rfc/rfc2003
Global ID	L3:94
ID	848
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	94
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

IPLT

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

IP-MESSENGER

Name/CLI Keyword	ip-messenger
Full Name	IP Messenger
Description	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.
Reference	http://ipmsg.org/index.html.en
Global ID	L7:475
ID	1326
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPP

Name/CLI Keyword	ipp
Full Name	Internet Printing Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc2910
Global ID	L4:631
ID	540
Known Mappings	
UDP Port	631
TCP Port	631
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPPC

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

IPSEC

Name/CLI Keyword	ipsec
Full Name	Internet Protocol Security
Description	Internet Protocol Security (IPSec) is a framework used to help ensure a private and secure IP communication using cryptographic services.
Reference	http://www.ietf.org/rfc/rfc2401.txt
Global ID	L7:9
ID	9
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	ipsec-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

IPV6-FRAG

Name/CLI Keyword	ipv6-frag
Full Name	ipv6-frag
Description	Deprecated: Fragment Header for IPv6
Reference	
Global ID	L3:44
ID	798
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPV6-ICMP

Name/CLI Keyword	ipv6-icmp
Full Name	ICMP for IPv6
Description	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.
Reference	http://tools.ietf.org/html/rfc4443
Global ID	L3:58
ID	812
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	58
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	ops-admin-mgmt
Tunnel	unassigned
Underlying Protocols	tcp,udp

IPV6-NONXT

Name/CLI Keyword	ipv6-nonxt
Full Name	ipv6-nonxt
Description	Deprecated: No Next Header for IPv6
Reference	
Global ID	L3:59
ID	813
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IPV6-OPTS

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

IPV6-ROUTE

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

IPV6INIP

Name/CLI Keyword	ipv6inip
Full Name	IPv6 encapsulation
Description	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.
Reference	http://tools.ietf.org/html/rfc2473
Global ID	L3:41
ID	795
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	41
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

IPX-IN-IP

Name/CLI Keyword	ipx-in-ip
Full Name	IPX in IP
Description	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.
Reference	http://tools.ietf.org/html/rfc1234
Global ID	L3:111
ID	865
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	111
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

IRC-SERV

Name/CLI Keyword	irc-serv
Full Name	IRC-SERV
Description	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.
Reference	http://www.ietf.org/rfc/rfc1459
Global ID	L4:529
ID	447
Known Mappings	
UDP Port	529
TCP Port	529
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IRC

Name/CLI Keyword	irc
Full Name	Internet Relay Chat
Description	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.
Reference	http://www.irchelp.org/irchelp/rfc/rfc.html
Global ID	L4:194
ID	19
Known Mappings	
UDP Port	194
TCP Port	80,194
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

IRTP

Name/CLI Keyword	irtp
Full Name	Internet Reliable Transaction
Description	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.
Reference	http://tools.ietf.org/html/rfc938
Global ID	L3:28
ID	782
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	28
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

IS99C

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

IS99S

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

ISAKMP

Name/CLI Keyword	isakmp
Full Name	Internet Security Association and Key Management Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2408.txt
Global ID	L4:500
ID	94
Known Mappings	
UDP Port	500
TCP Port	500
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ipsec-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

ISATAP-IPV6-TUNNELED

Name/CLI Keyword	isatap-ipv6-tunneled
Full Name	Isatap IPv6 Tunneled
Description	ISATAP is an automatic overlay tunneling mechanism that uses the underlying IPv4 network as an 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.
Reference	http://en.wikipedia.org/wiki/ISATAP
Global ID	L7:329
ID	1222
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

ISCSI-TARGET

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

ISCSI

Name/CLI Keyword	iscsi
Full Name	Internet Small Computer System Interface
Description	Internet Small Computer System Interface (iSCSI) is an IP-based storage networking standard for linking data storage facilities.
Reference	http://www.ietf.org/rfc/rfc3720.txt
Global ID	L4:860
ID	1449
Known Mappings	
UDP Port	
TCP Port	860
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISI-GL

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

ISIS

Name/CLI Keyword	isis
Full Name	ISIS
Description	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.
Reference	http://tools.ietf.org/html/rfc1142
Global ID	L3:124
ID	878
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	124
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISO-ILL

Name/CLI Keyword	iso-ill
Full Name	ISO ILL Protocol
Description	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.
Reference	http://www.lac-bac.gc.ca/iso/ill/main.htm
Global ID	L4:499
ID	413
Known Mappings	
UDP Port	499
TCP Port	499
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISO-IP

Name/CLI Keyword	iso-ip
Full Name	iso-ip
Description	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.
Reference	http://tools.ietf.org/rfc/rfc1070.txt
Global ID	L4:147
ID	953
Known Mappings	
UDP Port	147
TCP Port	147
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISO-TP0

Name/CLI Keyword	iso-tp0
Full Name	ISO-TP0
Description	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.
Reference	http://tools.ietf.org/html/rfc1086
Global ID	L4:146
ID	947
Known Mappings	
UDP Port	146
TCP Port	146
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISO-TP4

Name/CLI Keyword	iso-tp4
Full Name	ISO Transport Protocol Class 4
Description	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.
Reference	http://www.javvin.com/protocol/TP4.html
Global ID	L3:29
ID	783
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	29
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ISO-TSAP-C2

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

ISO-TSAP

Name/CLI Keyword	iso-tsap
Full Name	ISO Transport Service Access Point
Description	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.
Reference	http://tools.ietf.org/html/rfc1006
Global ID	L4:102
ID	973
Known Mappings	
UDP Port	102
TCP Port	102
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ITM-MCELL-S

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

ITUNES

Name/CLI Keyword	itunes
Full Name	iTunes
Description	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 and etc. in their MAC/ Win PC/ iDevices running iTunes. iTunes refers to all general data generated by iTunes except streaming audio and video.
Reference	http://www.apple.com/itunes/
Global ID	L7:434
ID	461
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	os-updates
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

ITUNES-AUDIO

Name/CLI Keyword	itunes-audio
Full Name	iTunes-audio
Description	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.
Reference	http://www.apple.com/itunes/
Global ID	L7:571
ID	1510
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,itunes,ssl,dns,quic

ITUNES-MEDIA

Name/CLI Keyword	itunes-media
Full Name	iTunes Media
Description	Media streaming for the iTunes media player and media library.
Reference	http://www.apple.com
Global ID	L7:1075
ID	1075
Known Mappings	
UDP Port	
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	

ITUNES-VIDEO

Name/CLI Keyword	itunes-video
Full Name	iTunes-video
Description	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.
Reference	http://www.apple.com/itunes/
Global ID	L7:572
ID	1511
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	-
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

JARGON

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

JAVA-WEB-PORTAL

Name/CLI Keyword	java-web-portal
Full Name	Java Update
Description	Java Update - Java update software service.
Reference	http://java.com
Global ID	L7:716
ID	1646
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

JIMDO

Name/CLI Keyword	jimdo
Full Name	Jimdo
Description	Jimdo - Portal for to creating web site and blog.
Reference	http://jimdo.com
Global ID	L7:748
ID	1678
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

JINGDONG-360BUY

Name/CLI Keyword	jingdong-360buy
Full Name	Jingdong (360buy.com)
Description	Jingdong (360buy.com) - Chinese e-commerce site.
Reference	http://360buy.com
Global ID	L7:624
ID	1550
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

JIRA

Name/CLI Keyword	jira
Full Name	Jira
Description	Issue tracking product by Atlassian.
Reference	https://jira.atlassian.com/
Global ID	L7:1179
ID	1179
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

JIVE-SOFTWARE

Name/CLI Keyword	jive-software
Full Name	Jive Software
Description	Communication and collaboration solutions for business.
Reference	https://www.jivesoftware.com
Global ID	L7:1191
ID	1191
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	http,ssl,dns

JOOMLA

Name/CLI Keyword	joomla
Full Name	Joomla
Description	Joomla - Content Management System for building web sites.
Reference	http://joomla.org
Global ID	L7:419
ID	255
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

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KAKAO-TALK

Name/CLI Keyword	kakao-talk
Full Name	Kakao-Talk
Description	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.
Reference	http://www.kakao.com/talk/
Global ID	L7:579
ID	1518
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,kakao,ssl,rtcp,dns,quic

KAKAO-SERVICES

Name/CLI Keyword	kakao-services
Full Name	Kakao-Services
Description	kakao-services is a set of tools and APIs used by Kakao applications such as: kakao story, kakao music, kakao website and so on.
Reference	http://www.kakao.com/
Global ID	L7:583
ID	1522
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	kakao-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

KALI

Name/CLI Keyword	kali
Full Name	IPX network emulator for DOS and Windows
Description	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.
Reference	http://www.kali.net/
Global ID	L4:2213
ID	718
Known Mappings	
UDP Port	2213
TCP Port	2213
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

KAYAK-COM

Name/CLI Keyword	kayak-com
Full Name	Kayak
Description	Kayak - Online Flight and Hotel reservation/deals website.
Reference	http://kayak.com
Global ID	L7:708
ID	1638
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

KAZAA2

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

K-BLOCK

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

KERBEROS-ADM

Name/CLI Keyword	kerberos-adm
Full Name	Kerberos Administration
Description	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.
Reference	http://www.ietf.org/rfc/rfc4120
Global ID	L4:749
ID	623
Known Mappings	
UDP Port	749
TCP Port	749
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

KERBEROS

Name/CLI Keyword	kerberos
Full Name	Kerberos
Description	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.
Reference	http://www.ietf.org/rfc/rfc4120.txt
Global ID	L4:88
ID	21
Known Mappings	
UDP Port	88
TCP Port	88
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	kerberos-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

KEYHOLETV

Name/CLI Keyword	keyholetv
Full Name	KeyHoleTV
Description	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.
Reference	http://www.oiseyer.com/index-e.php
Global ID	L7:591
ID	1530
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

KEYSERVER

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

KICKSTARTER

Name/CLI Keyword	kickstarter
Full Name	Kickstarter
Description	Kickstarter - Platform for creative projects with funding goal and deadline.
Reference	http://kickstarter.com
Global ID	L7:686
ID	1616
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

KIS

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

KLOGIN

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

KNET-CMP

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

KONSPIRE2B

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

KPASSWD

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

KRYPTOLAN

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

KSHELL

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

KURO

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

L2TP

Name/CLI Keyword	l2tp
Full Name	Layer 2 Tunneling Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc2661
Global ID	L4:1701
ID	22
Known Mappings	
UDP Port	1701
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

LA-MAINT

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

LANSERVER

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

LARP

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

LDAP

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

LDP

Name/CLI Keyword	ldp
Full Name	Label Distribution Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc5036
Global ID	L4:646
ID	555
Known Mappings	
UDP Port	646
TCP Port	646
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

LEAF-1

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

LEAF-2

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

LEGENT-1

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

LEGENT-2

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

LETV-COM

Name/CLI Keyword	letv-com
Full Name	LeTV
Description	LeTV - Chinese online video portal.
Reference	http://letv.com
Global ID	L7:771
ID	1701
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

LIFESIZE

Name/CLI Keyword	lifesize
Full Name	Lifesize
Description	Lifesize is a video and audio telecommunications company providing high definition videoconferencing endpoints and accessories, touchscreen conference room phones, and a cloud-based video collaboration platform.
Reference	https://www.lifesize.com
Global ID	L7:1215
ID	1215
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	ssl,http,dns

LINKEDIN

Name/CLI Keyword	linkedin
Full Name	LinkedIn
Description	LinkedIn is a business-oriented social networking site. It is mainly used for professional networking.
Reference	http://www.linkedin.com/
Global ID	L7:527
ID	1463
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

LIVEDOOR

Name/CLI Keyword	livedoor
Full Name	Livedoor
Description	Livedoor - Japanese Internet service provider.
Reference	http://livedoor.com
Global ID	L7:631
ID	1560
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

LIVEPERSON

Name/CLI Keyword	liveperson
Full Name	LivePerson
Description	LivePerson - Online Marketing and Web analytics service provider.
Reference	http://liveperson.com
Global ID	L7:801
ID	1729
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

LIVESTATION

Name/CLI Keyword	livestation
Full Name	LiveStation
Description	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.
Reference	http://www.livestation.com/
Global ID	L7:480
ID	1405
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns,quic

LIVESTRONG-COM

Name/CLI Keyword	livestrong-com
Full Name	LiveStrong.com
Description	LiveStrong.com - Health and fitness information.
Reference	http://livestrong.com
Global ID	L7:780
ID	1708
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

LJK-LOGIN

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

LLMNR

Name/CLI Keyword	llmnr
Full Name	Link-Local Multicast Name Resolution
Description	The Link-Local Multicast Name Resolution (LLMNR) is a protocol based on the Domain Name System (DNS) packet format that allows both IPv4 and IPv6 hosts to perform name resolution for hosts on the same local link.
Reference	https://technet.microsoft.com/library/bb878128
Global ID	L7:1246
ID	1246
Known Mappings	
UDP Port	53,5353
TCP Port	53,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	dns

LOCKD

Name/CLI Keyword	lockd
Full Name	NFS Lock Daemon Manager
Description	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.
Reference	http://www.swb.de/personal/okir/lockd.html
Global ID	L4:4045
ID	96
Known Mappings	
UDP Port	4045
TCP Port	4045
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

LOCUS-CON

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

LOCUS-MAP

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

LOGIN

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

LOGLOGIC

Name/CLI Keyword	loglogic
Full Name	Loglogic
Description	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 virutal (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.
Reference	http://www.loglogic.com/about
Global ID	L4:4514
ID	1351
Known Mappings	
UDP Port	
TCP Port	4514,11965
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

LOGMEIN

Name/CLI Keyword	logmein
Full Name	LogMeIn
Description	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).
Reference	https://secure.logmein.com/welcome/products/
Global ID	L7:519
ID	1455
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	http,ssl,dns

LOTUS-NOTES

Name/CLI Keyword	lotus-notes
Full Name	IBM Lotus Notes
Description	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.
Reference	http://www-01.ibm.com/software/lotus/notesanddomino/
Global ID	L4:1352
ID	1470
Known Mappings	
UDP Port	1352
TCP Port	1352
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	client-server
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

LWAPP

Name/CLI Keyword	lwapp
Full Name	Lightweight Access Point Protocol
Description	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.
Reference	http://tools.ietf.org/html/RFC5412
Global ID	L4:12222
ID	1352
Known Mappings	
UDP Port	12222,12223
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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MAC-OS-X-UPDATES

Name/CLI Keyword	mac-os-x-updates
Full Name	MAC OS X updates
Description	MAC OS X updates is a service that provides updates for the MAC OS X operating system and its installed components.
Reference	http://www.apple.com/softwareupdate/
Global ID	L7:585
ID	1524
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl,http,dns

MAC-SRVR-ADMIN

Name/CLI Keyword	mac-srvr-admin
Full Name	MacOS Server Admin
Description	Server Adminis one of theremote administration/configuration tools forMac 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.
Reference	http://support.apple.com/kb/HT5050
Global ID	L4:660
ID	568
Known Mappings	
UDP Port	660
TCP Port	660
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MAGENTA-LOGIC

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

MAILBOX-LM

Name/CLI Keyword	mailbox-lm
Full Name	Mailbox-LM
Description	Mailbox-LM is a used by FTP Daemon, a file transfer protocol server designed to work with IBM Sterling Gentran: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.
Reference	http://www-01.ibm.com/support/docview.wss?uid=swg21532169
Global ID	L4:505
ID	419
Known Mappings	
UDP Port	505
TCP Port	505
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MAILCHIMP

Name/CLI Keyword	mailchimp
Full Name	MailChimp
Description	MailChimp - Email service provider.
Reference	http://mailchimp.com
Global ID	L7:651
ID	1580
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MAILQ

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

MAIL-RU

Name/CLI Keyword	mail-ru
Full Name	Mail.ru
Description	Russian communication web portal, Email and cloud storage services.
Reference	http://mail.ru/
Global ID	L7:614
ID	1549
Known Mappings	
UDP Port	25,53,5353
TCP Port	25,53,80,110,443,587,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,smtp,pop3,dns

MAITRD

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

MANET

Name/CLI Keyword	manet
Full Name	MANETs
Description	A set of proocols 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.
Reference	http://www.ietf.org/rfc/rfc2501
Global ID	L3:138
ID	1236
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	138
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MANOLITO

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

MAPI

Name/CLI Keyword	mapi
Full Name	Messaging Application Programming Interface
Description	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.
Reference	http://msdn.microsoft.com/en-us/library/aa142548(v=exchg.65).aspx
Global ID	L7:78
ID	78
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MAPLESTORY

Name/CLI Keyword	maplestory
Full Name	Maplestory
Description	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.
Reference	http://maplestory.nexon.net/
Global ID	L7:448
ID	1086
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MARKETO

Name/CLI Keyword	marketo
Full Name	Marketo
Description	Corporate marketing automation software.
Reference	https://www.marketo.com
Global ID	L7:1180
ID	1180
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

MASHABLE

Name/CLI Keyword	mashable
Full Name	Mashable
Description	Mashable - News blog website for social network and new technology.
Reference	http://mashable.com
Global ID	L7:658
ID	1587
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MASQDIALER

Name/CLI Keyword	masqdialer
Full Name	Masqdialer
Description	The masqdialer 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 masqdialer's offerings.
Reference	http://archive.debian.net/potato/net/masqdialer
Global ID	L4:224
ID	1121
Known Mappings	
UDP Port	224
TCP Port	224
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MATIP-TYPE-A

Name/CLI Keyword	matip-type-a
Full Name	MATIP Type A
Description	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.
Reference	http://tools.ietf.org/html/rfc2351
Global ID	L4:350
ID	266
Known Mappings	
UDP Port	350
TCP Port	350
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MATIP-TYPE-B

Name/CLI Keyword	matip-type-b
Full Name	MATIP Type B
Description	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.
Reference	http://tools.ietf.org/html/rfc2351
Global ID	L4:351
ID	267
Known Mappings	
UDP Port	351
TCP Port	351
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MAXDB

Name/CLI Keyword	maxdb
Full Name	MaxDB relational database management system
Description	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.
Reference	http://maxdb.sap.com/
Global ID	L4:7210
ID	1353
Known Mappings	
UDP Port	
TCP Port	7210
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MCAFEE-ANTIVIRUS

Name/CLI Keyword	mcafee-antivirus
Full Name	McAfee Antivirus
Description	McAfee Antivirus and security.
Reference	http://www.mcafee.com
Global ID	L4:1031
ID	1031
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

MCAFEE-UPDATE

Name/CLI Keyword	mcafee-update
Full Name	McAfee AutoUpdate
Description	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.
Reference	http://www.mcafee.com/
Global ID	L4:8801
ID	1354
Known Mappings	
UDP Port	
TCP Port	8801
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MCIDAS

Name/CLI Keyword	mcidas
Full Name	McIDAS Data Transmission Protocol
Description	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.
Reference	http://www.ssec.wisc.edu/mcidas/
Global ID	L4:112
ID	982
Known Mappings	
UDP Port	112
TCP Port	112
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MCNS-SEC

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

MDC-PORTMAPPER

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

MDNS

Name/CLI Keyword	mdns
Full Name	mDNS
Description	The multicast DNS (mDNS) protocol resolves host names to IP addresses within small networks that do not include a local name server.
Reference	https://tools.ietf.org/html/rfc6762
Global ID	L7:1244
ID	1244
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	dns

MECOMM

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

MEGAVIDEO

Name/CLI Keyword	megavideo
Full Name	Megavideo
Description	MegaVideo is a video sharing website run by the creators of Megaupload, the website officially claims to aim replacing YouTube as the leader in online video. MegaVideo is a website, therefore the underlying protocol is HTTP.
Reference	http://www.megavideo.com/
Global ID	L7:459
ID	1318
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	flash-group
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

MEREGISTER

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

MERIT-INP

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

META5

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

METAGRAM

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

METER

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

MFCOBOL

Name/CLI Keyword	mfcobol
Full Name	Micro Focus COBOL
Description	Used by Micro Focus applications such as Enterprise Server, COBOL Server Express and more.
Reference	http://www.microfocus.com/
Global ID	L4:86
ID	958
Known Mappings	
UDP Port	86
TCP Port	86
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	tcp,udp

MFE-NSP

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

MFTP

Name/CLI Keyword	mftp
Full Name	Multisource File Transfer Protocol
Description	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.
Reference	http://tools.ietf.org/html/draft-miller-mftp-spec-02
Global ID	L4:349
ID	265
Known Mappings	
UDP Port	349
TCP Port	349
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MGCP

Name/CLI Keyword	mgcp
Full Name	Media Gateway Control Protocol
Description	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).
Reference	http://www.packetizer.com/rfc/rfc3435/
Global ID	L7:62
ID	62
Known Mappings	
UDP Port	2427,2727
TCP Port	2427,2428,2727
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MICOM-PFS

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

MICP

Name/CLI Keyword	micp
Full Name	Mobile Internetworking Control Protocol
Description	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.
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.8911
Global ID	L3:95
ID	849
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	95
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MICROMUSE-LM

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

MICROSOFTDS

Name/CLI Keyword	microsoftds
Full Name	Microsoft-DS
Description	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.
Reference	http://support.microsoft.com/default.aspx?scid=kb;en-us;832017
Global ID	L4:445
ID	98
Known Mappings	
UDP Port	445
TCP Port	445
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

MIKOGO

Name/CLI Keyword	mikogo
Full Name	Mikogo
Description	mikogo is an online meeting and desktop sharing software that provides web conferencing between users, in addtion to file transfer, whiteboard, instant chat and other facilities.
Reference	http://www.mikogo.com/
Global ID	L7:514
ID	1450
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MINDTOUCH

Name/CLI Keyword	mindtouch
Full Name	MindTouch
Description	MindTouch enables a team to create, publish, and edit content, and then structure the content within a responsive user interface.
Reference	https://mindtouch.com/
Global ID	L7:1245
ID	1245
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,dns,ssl

MINT-COM

Name/CLI Keyword	mint-com
Full Name	Mint.com
Description	Mint.com - Web-based personal finance tool.
Reference	http://mint.com
Global ID	L7:759
ID	1689
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MIT-DOV

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

MIT-ML-DEV

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

MIXI

Name/CLI Keyword	mixi
Full Name	Mixi
Description	Mixi is an online Japanese social networking service.
Reference	http://www.apple.com/softwareupdate/
Global ID	L7:592
ID	1531
Known Mappings	
UDP Port	53,5222,5353
TCP Port	53,80,443,5222,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,xmpp-client,dns,quic

MLB-COM

Name/CLI Keyword	mlb-com
Full Name	Official Major League Baseball
Description	Official Major League Baseball - Web Portal for Sports news update.
Reference	http://mlb.com
Global ID	L7:754
ID	1684
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MOBILE

Name/CLI Keyword	mobile
Full Name	IP Mobility
Description	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.
Reference	http://tools.ietf.org/html/rfc5944
Global ID	L3:55
ID	809
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	55
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

MOBILEIP-AGENT

Name/CLI Keyword	mobileip-agent
Full Name	Mobile IP Agent
Description	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.
Reference	http://tools.ietf.org/html/rfc5944
Global ID	L4:434
ID	349
Known Mappings	
UDP Port	434
TCP Port	434
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	netwrok-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MOBILIP-MN

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

MOBILITYSRV

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

MODBUS

Name/CLI Keyword	modbus
Full Name	Modbus TCP/IP
Description	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.
Reference	http://www.modbus.org/docs/Modbus_Messaging_Implementation_Guide_V1_0b.pdf
Global ID	L7:555
ID	1491
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

MONDEX

Name/CLI Keyword	mondex
Full Name	Mondex
Description	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.
Reference	http://vsr.sourceforge.net/mondex.htm
Global ID	L4:471
ID	385
Known Mappings	
UDP Port	471
TCP Port	471
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	epayement
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MONGO

Name/CLI Keyword	mongo
Full Name	Mongo
Description	Mongo is a leading NoSQL database designed with both scalability and developer agility in mind. Instead of storing your data in tables and rows as you would with a relational database, MongoDB stores JSON-like documents with dynamic schemas.
Reference	https://www.mongodb.org/
Global ID	L4:27017
ID	1751
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MONITOR

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

MONSTER-COM

Name/CLI Keyword	monster-com
Full Name	Monster.com
Description	Monster.com - Online job search portal.
Reference	http://monster.com
Global ID	L7:785
ID	1713
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MORTGAGEWARE

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

MPEG2-TS

Name/CLI Keyword	mpeg2-ts
Full Name	MPEG-2 Transport Stream
Description	MPEG2-TS (MPEG2 transport stream, MTS or TS) is a standard format for transmission and storage of audio, video, and Program and System Information Protocol (PSIP) data. It is used in broadcast systems such as DVB, ATSC and IPTV.
Reference	http://mpeg.chiariglione.org/standards/mpeg-2
Global ID	L7:610
ID	1549
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	Other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MPLS-IN-IP

Name/CLI Keyword	mpls-in-ip
Full Name	MPLS-in-IP
Description	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.
Reference	http://www.ietf.org/rfc/rfc4023
Global ID	L3:137
ID	1235
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	137
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MPM-FLAGS

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

MPM-SND

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

MPM

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

MPP

Name/CLI Keyword	mpp
Full Name	Netix Message Posting Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1204
Global ID	L4:218
ID	1115
Known Mappings	
UDP Port	218
TCP Port	218
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MPTN

Name/CLI Keyword	mptn
Full Name	Multiprotocol Transport Network
Description	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.
Reference	http://www.ieee-icnp.org/1993/papers/1993-2.pdf
Global ID	L4:397
ID	312
Known Mappings	
UDP Port	397
TCP Port	397
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MQTT

Name/CLI Keyword	mqtt
Full Name	MQTT
Description	MQTT (Message Queuing Telemetry Transport) is a lightweight broker-based publish/subscribe messaging protocol. It is designed for constrained devices and low-bandwidth, high-latency or unreliable networks.
Reference	http://mqtt.org/
Global ID	L7:1233
ID	1233
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	Yes
Underlying Protocols	-

MRM

Name/CLI Keyword	mrm
Full Name	Multicast Routing Monitor
Description	The Multicast Routing Monitor (MRM) is a feature is 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.
Reference	http://www.cisco.com/en/US/docs/ios/12_1/iproute/configuration/guide/1cdtools.html
Global ID	L4:679
ID	587
Known Mappings	
UDP Port	679
TCP Port	679
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-DYNAMICS-CRM-ONLINE

Name/CLI Keyword	ms-dynamics-crm-online
Full Name	Microsoft CRM Dynamics Online
Description	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
Reference	http://crm.dynamics.com/en-us/on-demand
Global ID	L7:508
ID	1443
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,dns,quic

MS-IIS

Name/CLI Keyword	ms-iis
Full Name	MS RPC IIS
Description	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).
Reference	http://www.iis.net/
Global ID	L7:482
ID	1411
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ms-rpc

MS-LIVE-ACCOUNTS

Name/CLI Keyword	ms-live-accounts
Full Name	Microsoft Windows Live Services Authentication
Description	Ms-live-accounts is used for login to various microsoft services.
Reference	http://explore.live.com/
Global ID	L7:498
ID	1434
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	authentication-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MS-LYNC-AUDIO

Name/CLI Keyword	ms-lync-audio
Full Name	Skype for Business (MS-Lync) Audio
Description	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 audio traffic of this app.
Reference	http://www.skype.com/en/business/
Global ID	L7:559
ID	1496
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-lync-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat,rtp

MS-LYNC-CONTROL

Name/CLI Keyword	ms-lync-control
Full Name	Skype for Business (MS-Lync) Control
Description	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. Features include presence, IM, voice and video calls, and online meetings. Because it is built into Microsoft Office, initiating chats, calls, and meetings is an integrated experience within Office.
Reference	http://www.skype.com/en/business/
Global ID	L7:1059
ID	1059
Known Mappings	
UDP Port	5060,5061
TCP Port	443,5060,5061
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-lync-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	Yes
Traffic-class	signaling
Tunnel	No
Underlying Protocols	ms-lync,sip-tls,ssl,sip

MS-LYNC-MEDIA

Name/CLI Keyword	ms-lync-media
Full Name	Microsoft Lync Media
Description	Microsoft Lync Media is the audio and video calls support in Microsoft Lync. Based on STUN and RTP.
Reference	http://lync.microsoft.com
Global ID	L7:532
ID	1467
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	ms-lync-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-LYNC

Name/CLI Keyword	ms-lync
Full Name	Skype for Business (MS-Lync)
Description	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.
Reference	http://www.skype.com/en/business/
Global ID	L7:531
ID	1466
Known Mappings	
UDP Port	53,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-lync-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,stun-nat,dns,quic

MS-LYNC-VIDEO

Name/CLI Keyword	ms-lync-video
Full Name	Skype for Business (MS-Lync) Video
Description	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.
Reference	'http://www.skype.com/en/business/
Global ID	L7:560
ID	1497
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-lync-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat,rtp

MS-NETLOGON

Name/CLI Keyword	ms-netlogon
Full Name	MS RPC Netlogon
Description	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).
Reference	http://technet.microsoft.com/en-us/library/cc962284.aspx
Global ID	L7:483
ID	1412
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ms-rpc

MS-OCS-FILE-TRANSFER

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

MS-OFFICE-365

Name/CLI Keyword	ms-office-365
Full Name	Microsoft Office 365
Description	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
Reference	http://www.microsoft.com/en-us/office365/online-software.aspx
Global ID	L7:495
ID	1431
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MS-OFFICE-WEB-APPS

Name/CLI Keyword	ms-office-web-apps
Full Name	Microsoft Office Web Applications
Description	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.
Reference	http://office.microsoft.com/en-us/web-apps/
Global ID	L7:563
ID	1500
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MS-OLAP

Name/CLI Keyword	ms-olap
Full Name	Microsoft OLAP
Description	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.
Reference	http://office.microsoft.com/en-us/excel-help/overview-of-online-analytical-processing-olap-HP010177437.aspx#BM what_is_online_analytical_processing
Global ID	L4:2393
ID	686
Known Mappings	
UDP Port	2393
TCP Port	2393
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-ROME

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

MS-RPC

Name/CLI Keyword	ms-rpc
Full Name	Microsoft Remote Procedure Call
Description	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.
Reference	http://technet.microsoft.com/en-us/library/cc958781.aspx
Global ID	L7:1310
ID	1310
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-SERVICES

Name/CLI Keyword	ms-services
Full Name	Microsoft Services
Description	MS-Services is a set of tools, APIs, and web services used by Microsoft applications.
Reference	http://www.microsoft.com/
Global ID	L7:777
ID	1737
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MS-SHUTTLE

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

MS-SMS

Name/CLI Keyword	ms-sms
Full Name	MS-RPC System Management Server
Description	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).
Reference	http://technet.microsoft.com/en-us/library/cc751130.aspx
Global ID	L7:484
ID	1413
Known Mappings	
UDP Port	-
TCP Port	80,2701,2702,2703,2704
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	enterprise-sw-deployment-tools
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http

MS-SQL-M

Name/CLI Keyword	ms-sql-m
Full Name	Microsoft SQL Monitor
Description	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.
Reference	http://msdn.microsoft.com/en-us/library/cc219703(v=prot.10)
Global ID	L4:1434
ID	685
Known Mappings	
UDP Port	1434
TCP Port	1434
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-STREAMING

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

MS-TEAMS

Name/CLI Keyword	ms-teams
Full Name	Microsoft Teams
Description	Microsoft Teams, a platform that combines workplace chat, meetings, notes, and attachments, integrates with the Microsoft Office 365 subscription office productivity suite, including Microsoft Office and Skype.
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	L7:1208
ID	1208
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	dns,ssl,http

MS-TEAMS-AUDIO

Name/CLI Keyword	ms-teams-audio
Full Name	Microsoft Teams Audio
Description	Microsoft Teams: audio portion of video chat or voice call.
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	L7:1214
ID	1214
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	ms-teams-media

MS-TEAMS-MEDIA

Name/CLI Keyword	ms-teams-media
Full Name	Microsoft Teams Media
Description	Microsoft Teams: video or audio portion of a call.
Reference	https://news.microsoft.com/microsoft-teams/
Global ID	L7:1213
ID	1213
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	ms-teams,rtp,stun-nat

MS-TEAMS-VIDEO

Name/CLI Keyword	ms-teams-video
Full Name	Microsoft Teams Video
Description	Microsoft Teams: video portion of video chat.
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	L7:1209
ID	1209
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	ms-teams-media

MS-UPDATE

Name/CLI Keyword	ms-update
Full Name	Microsoft Windows Update Service
Description	Microsoft Windows Update Service provides updates for the Microsoft Windows operating system and its installed components.
Reference	http://windows.microsoft.com/en-us/windows/help/windows-update
Global ID	L7:497
ID	1432
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl,http,dns

MS-WBT

Name/CLI Keyword	ms-wbt
Full Name	Remote Desktop Protocol
Description	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.
Reference	http://technet.microsoft.com/en-us/library/cc960973.aspx
Global ID	L4:3389
ID	689
Known Mappings	
UDP Port	
TCP Port	3389
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MS-WIN-DNS

Name/CLI Keyword	ms-win-dns
Full Name	MS RPC Windows DNS
Description	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).
Reference	http://technet.microsoft.com/en-us/library/cc784180%28WS.10%29.aspx
Global ID	L7:481
ID	1410
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ms-rpc

MSDP

Name/CLI Keyword	msdp
Full Name	Multicast Source Discovery Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3618
Global ID	L4:639
ID	548
Known Mappings	
UDP Port	639
TCP Port	639
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MSEXCH-ROUTING

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

MSFT-GC-SSL

Name/CLI Keyword	msft-gc-ssl
Full Name	Microsoft Global Catalog with LDAP/SSL
Description	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.
Reference	http://technet.microsoft.com/en-us/library/how-global-catalog-servers-work(v=ws.10).aspx
Global ID	L4:3269
ID	688
Known Mappings	
UDP Port	3269
TCP Port	3269
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

MSFT-GC

Name/CLI Keyword	msft-gc
Full Name	Microsoft Global Catalog
Description	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.
Reference	http://technet.microsoft.com/en-us/library/cc728188(v=ws.10).aspx
Global ID	L4:3268
ID	687
Known Mappings	
UDP Port	3268
TCP Port	3268
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MSG-AUTH

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

MSG-ICP

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

MSN-MESSENGER-FT

Name/CLI Keyword	msn-messenger-ft
Full Name	DEPRECATED, traffic will not match
Description	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.
Reference	http://explore.live.com/messenger
Global ID	L7:309
ID	1202
Known Mappings	
UDP Port	-
TCP Port	443,1080,1863,3389
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy,socks,msn-messenger,ms-wbt

MSN-MESSENGER-VIDEO

Name/CLI Keyword	msn-messenger-video
Full Name	DEPRECATED, traffic will not match
Description	Msn-Messenger-Video represents the video traffic within the MS-Live-Messenger client. Windows live messenger was replaced by Skype except for China.
Reference	http://explore.live.com/messenger
Global ID	L7:323
ID	1216
Known Mappings	
UDP Port	-
TCP Port	443,1080,1863,3389
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	msn-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	

MSN-MESSENGER

Name/CLI Keyword	msn-messenger
Full Name	Windows Live Messenger
Description	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.
Reference	http://explore.live.com/messenger
Global ID	L7:75
ID	75
Known Mappings	
UDP Port	-
TCP Port	80,443,1080,1863,3389
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,socks,ms-wbt

MSNP

Name/CLI Keyword	msnp
Full Name	Microsoft Notification Protocol
Description	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.
Reference	http://msnpiki.msnfanatic.com/
Global ID	L4:1863
ID	713
Known Mappings	
UDP Port	1863
TCP Port	1863
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MSP

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

MTP

Name/CLI Keyword	mtp
Full Name	Multicast Transport Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/Media_Transfer_Protocol
Global ID	L3:92
ID	846
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	92
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MTV

Name/CLI Keyword	mtv
Full Name	MTV
Description	MTV - Official website for MTV.
Reference	http://mtv.com
Global ID	L7:619
ID	1193
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

MULTILING-HTTP

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

MULTIPLEX

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

MUMPS

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

MUX

Name/CLI Keyword	mux
Full Name	Multiplexing
Description	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.
Reference	http://www.rfc-editor.org/ien/ien90.txt
Global ID	L3:18
ID	772
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	18
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MY-JABBER-FT

Name/CLI Keyword	my-jabber-ft
Full Name	My Jabber FT
Description	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.
Reference	http://www.myjabber.com/
Global ID	L7:312
ID	1205
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

MYLEX-MAPD

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

MYSQL

Name/CLI Keyword	mysql
Full Name	mySQL
Description	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.
Reference	http://www.mysql.com/
Global ID	L4:3306
ID	711
Known Mappings	
UDP Port	3306
TCP Port	3306
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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NAME

Name/CLI Keyword	name
Full Name	NAMESERVER
Description	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.
Reference	http://en.wikipedia.org/wiki/ARPA_Host_Name_Server_Protocol
Global ID	L4:42
ID	922
Known Mappings	
UDP Port	42
TCP Port	42
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NAMP

Name/CLI Keyword	namp
Full Name	NAMP
Description	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.
Reference	http://www.ccis2k.org/iajit/PDF/vol.5,no.1/14-116.pdf
Global ID	L4:167
ID	1012
Known Mappings	
UDP Port	167
TCP Port	167
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NAPSTER

Name/CLI Keyword	napster
Full Name	Napster
Description	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.
Reference	http://www.rhapsody.com/napster
Global ID	L7:268
ID	462
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

NARP

Name/CLI Keyword	narp
Full Name	NBMA Address Resolution Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1735
Global ID	L3:54
ID	808
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	54
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NAS

Name/CLI Keyword	nas
Full Name	Netnews Administration System
Description	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.
Reference	http://tools.ietf.org/html/rfc4707
Global ID	L4:991
ID	670
Known Mappings	
UDP Port	991
TCP Port	991
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NATE-COM

Name/CLI Keyword	nate-com
Full Name	Nate
Description	Nate - Web portal and Search engine.
Reference	http://nate.com
Global ID	L7:775
ID	1705
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NATIONAL-PUBLIC-RADIO

Name/CLI Keyword	national-public-radio
Full Name	National Public Radio
Description	National Public Radio - US radio station to provide news and other programs.
Reference	http://npr.org
Global ID	L7:711
ID	1641
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NAVER-LINE

Name/CLI Keyword	naver-line
Full Name	Naver Line
Description	Naver-line is a Japanese proprietary application for instant messaging on smartphones and PCs. Naver-Line users exchange text messages, graphics, video and audio media, make free VoIP calls, and hold free audio or video conferences
Reference	http://line.me/ko/
Global ID	L7:573
ID	1512
Known Mappings	
UDP Port	53,3478,5353
TCP Port	53,80,443,3478,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,stun-nat,dns,quic

NBC-NEWS

Name/CLI Keyword	nbc-news
Full Name	NBC News
Description	NBC News - NBC Universals news website.
Reference	http://nbcnews.com
Global ID	L7:719
ID	1649
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NCED

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

NCLD

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

NCP

Name/CLI Keyword	ncp
Full Name	NetWare Core Protocol
Description	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.
Reference	http://www.faqs.org/rfcs/rfc801.html
Global ID	L4:524
ID	442
Known Mappings	
UDP Port	524
TCP Port	524
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NCUBE-LM

Name/CLI Keyword	ncube-lm
Full Name	nCube License Manager
Description	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.
Reference	http://www.ncube.com/
Global ID	L4:1521
ID	1389
Known Mappings	
UDP Port	1521
TCP Port	1521
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NDMP

Name/CLI Keyword	ndmp
Full Name	Network Data Management Protocol
Description	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.
Reference	http://www.ndmp.org/
Global ID	L4:10000
ID	1357
Known Mappings	
UDP Port	
TCP Port	10000
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	backup-systems
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NDSAUTH

Name/CLI Keyword	ndsauth
Full Name	NDS Authentication
Description	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.
Reference	http://ldapwiki.willeke.com/wiki/NDS%20Authentication
Global ID	L4:353
ID	269
Known Mappings	
UDP Port	353
TCP Port	353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

NEST-PROTOCOL

Name/CLI Keyword	nest-protocol
Full Name	Nest Protocol
Description	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.
Reference	http://support.novell.com/techcenter/articles/dnd19941103.html
Global ID	L4:489
ID	403
Known Mappings	
UDP Port	489
TCP Port	489
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NET8-CMAN

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

NET-ASSISTANT

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

NETAPP-SNAPMIRROR

Name/CLI Keyword	netapp-snapmirror
Full Name	NetApp SnapMirror
Description	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.
Reference	http://www.netapp.com/us/products/protection-software/snapmirror.html
Global ID	L7:401
ID	1293
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	backup-systems
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETBIOS

Name/CLI Keyword	netbios
Full Name	Netbios
Description	Network Basic Input/Output System (NetBIOS) provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. As strictly an API, NetBIOS is not a networking protocol. In modern networks, NetBIOS normally runs over TCP/IP via the NetBIOS over TCP/IP (NBT) protocol. This results in each computer in the network having both an IP address and a NetBIOS name corresponding to a (possibly different) host name.
Reference	http://www.ietf.org/rfc/rfc1001.txt
Global ID	L7:26
ID	26
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETBIOS-DGM

Name/CLI Keyword	netbios-dgm
Full Name	NetBIOS's Datagram Distribution Service
Description	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.
Reference	http://tools.ietf.org/html/rfc1002
Global ID	L4:138
ID	1505
Known Mappings	
UDP Port	138
TCP Port	138
IP Protocol	-
IP Version	
IPv4 Support	-
IPv6 Support	-
Application Group	netbios-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETFLOW

Name/CLI Keyword	netflow
Full Name	Netflow
Description	NetFlow is a network protocol developed by Cisco Systems for collecting IP traffic information and monitoring network traffic. This protocol classifies version 9 of Netflow, while version 10 is classified as IPFIX.
Reference	http://www.oiseyer.com/index-e.php
Global ID	L7:604
ID	1543
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

NETBIOS-NS

Name/CLI Keyword	netbios-ns
Full Name	NetBIOS Naming Service
Description	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.
Reference	http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053
Global ID	L4:137
ID	1421
Known Mappings	
UDP Port	-
TCP Port	137
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETBIOS-SSN

Name/CLI Keyword	netbios-ssn
Full Name	NetBIOS's session service
Description	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.
Reference	http://tools.ietf.org/html/rfc1002
Global ID	L4:139
ID	1506
Known Mappings	
UDP Port	139
TCP Port	139
IP Protocol	-
IP Version	
IPv4 Support	-
IPv6 Support	-
Application Group	netbios-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	naming-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETBLT

Name/CLI Keyword	netblt
Full Name	Bulk Data Transfer Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc998
Global ID	L3:30
ID	784
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	30
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

NETFLIX

Name/CLI Keyword	netflix
Full Name	Netflix
Description	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.
Reference	http://www.netflix.com/
Global ID	L7:457
ID	1316
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NETGW

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

NETNEWS

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

NETOP-REMOTE-CONTROL

Name/CLI Keyword	netop-remote-control
Full Name	Netop Remote Control
Description	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.
Reference	http://www.netop.com/products/administration/remote.htm
Global ID	L4:1970
ID	1399
Known Mappings	
UDP Port	1970,1971,6502,26137
TCP Port	1970,1971,6502
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETRCS

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

NETRJS-1

Name/CLI Keyword	netrjs-1
Full Name	Remote Job Service
Description	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.
Reference	http://tools.ietf.org/html/rfc740
Global ID	L4:71
ID	948
Known Mappings	
UDP Port	71
TCP Port	71
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETRJS-2

Name/CLI Keyword	netrjs-2
Full Name	Remote Job Service
Description	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.
Reference	http://tools.ietf.org/html/rfc740
Global ID	L4:72
ID	949
Known Mappings	
UDP Port	72
TCP Port	72
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETRJS-3

Name/CLI Keyword	netrjs-3
Full Name	Remote Job Service
Description	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.
Reference	http://tools.ietf.org/html/rfc740
Global ID	L4:73
ID	950
Known Mappings	
UDP Port	73
TCP Port	73
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt . From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETRJS-4

Name/CLI Keyword	netrjs-4
Full Name	Remote Job Service
Description	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.
Reference	http://tools.ietf.org/html/rfc740
Global ID	L4:74
ID	951
Known Mappings	
UDP Port	74
TCP Port	74
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETSC-DEV

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

NETSC-PROD

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

NETSHOW

Name/CLI Keyword	netshow
Full Name	Windows Media
Description	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.
Reference	http://www.microsoft.com/presspass/press/1997/mar97/nsbta2pr.mspx
Global ID	L7:426
ID	53
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETSUITE

Name/CLI Keyword	netsuite
Full Name	Netsuite
Description	Cloud-based software services for managing business financials, operations, and customer relations.
Reference	http://www.netsuite.com/
Global ID	L7:1187
ID	1187
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

NETVIEWDM1

Name/CLI Keyword	netviewdm1
Full Name	IBM NetView DM/6000 Server/Client
Description	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
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	L4:729
ID	615
Known Mappings	
UDP Port	729
TCP Port	729
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETVIEWDM2

Name/CLI Keyword	netviewdm2
Full Name	IBM NetView DM
Description	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.
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	L4:730
ID	616
Known Mappings	
UDP Port	730
TCP Port	730
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETVIEWDM3

Name/CLI Keyword	netviewdm3
Full Name	IBM NetView DM
Description	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.
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	L4:731
ID	617
Known Mappings	
UDP Port	731
TCP Port	731
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETVMG-TRACEROUTE

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

NETWALL

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

NETWARE-IP

Name/CLI Keyword	netware-ip
Full Name	Novell Netware over IP
Description	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.
Reference	http://support.novell.com/techcenter/articles/ana19970303.html
Global ID	L4:396
ID	311
Known Mappings	
UDP Port	396
TCP Port	396
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NETWORKING-GNUTELLA

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

NEW-RWHO

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

NEXTSTEP

Name/CLI Keyword	nextstep
Full Name	NextStep Window Server
Description	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.
Reference	http://en.wikipedia.org/wiki/Nextstep
Global ID	L4:178
ID	1022
Known Mappings	
UDP Port	178
TCP Port	178
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NFS

Name/CLI Keyword	nfs
Full Name	Network File System
Description	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.
Reference	http://www.ietf.org/rfc/rfc3530.txt
Global ID	L4:2049
ID	27
Known Mappings	
UDP Port	111,371,2049
TCP Port	111,371,2049
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	sunrpc

NHL-COM

Name/CLI Keyword	NHL-COM
Full Name	NHL.com
Description	NHL.com - The National Hockey League official website.
Reference	http://nhl.com
Global ID	L7:761
ID	1691
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE Release 3.16S and 15.5(3)M.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic Class	transactional-data. From Cisco IOS XE Release 3.16S and 15.5(3)M.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NI-FTP

Name/CLI Keyword	ni-ftp
Full Name	NI FTP
Description	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.
Reference	http://www.rfc-editor.org/ien/ien99.txt
Global ID	L4:47
ID	927
Known Mappings	
UDP Port	47
TCP Port	47
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NI-MAIL

Name/CLI Keyword	ni-mail
Full Name	NI MAIL
Description	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.
Reference	http://www.kivlab.com/soft/ma/
Global ID	L4:61
ID	938
Known Mappings	
UDP Port	61
TCP Port	61
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NICNAME

Name/CLI Keyword	nicname
Full Name	NICNAME/WHOIS
Description	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.
Reference	http://tools.ietf.org/rfc/rfc812
Global ID	L4:43
ID	110
Known Mappings	
UDP Port	43
TCP Port	43
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NICO-VIDEO

Name/CLI Keyword	nico-video
Full Name	Niconico
Description	Nico-video (also known as nico-nico) is a video sharing website in Japan managed by Niwango, a subsidiary of Dwango. Users can upload, view and share video clips. Unlike other video sharing sites, comments are overlaid directly onto the video and synced to a specific playback time.
Reference	http://www.nicovideo.jp/
Global ID	L7:596
ID	1535
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

NIKE

Name/CLI Keyword	nike
Full Name	Nike
Description	Nike - Shoe and sports apparel manufacturer.
Reference	http://nike.com
Global ID	L7:734
ID	1664
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NLOGIN

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

NMAP

Name/CLI Keyword	nmap
Full Name	Network Mapper
Description	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.
Reference	http://nmap.org/
Global ID	L4:689
ID	597
Known Mappings	
UDP Port	689
TCP Port	689
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NMSP

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

NNSP

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

NNTP

Name/CLI Keyword	nntp
Full Name	Network News Transfer Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3977
Global ID	L4:119
ID	28
Known Mappings	
UDP Port	119
TCP Port	119
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	-

NOAA

Name/CLI Keyword	noaa
Full Name	NOAA
Description	NOAA - Ocean and Atmospheric research agency.
Reference	http://noaa.gov
Global ID	L7:793
ID	1721
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NOTES

Name/CLI Keyword	notes
Full Name	IBM Lotus Notes
Description	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.
Reference	http://www-01.ibm.com/software/lotus/notesanddomino/
Global ID	L7:2000
ID	30
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NOVADIGM

Name/CLI Keyword	novadigm
Full Name	Novadigm Enterprise Desktop Manager
Description	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.
Reference	http://en.wikipedia.org/wiki/HP_Client_Automation_Software
Global ID	L7:47
ID	47
Known Mappings	
UDP Port	3460,3461,3462,3463,3464,3465
TCP Port	3460,3461,3462,3463,3464,3465
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NOVASTORBAKCUP

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

NPMP-GUI

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

NPMP-LOCAL

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

NPMP-TRAP

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

NPP

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

NQS

Name/CLI Keyword	nqs
Full Name	Network Queueing System
Description	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.
Reference	http://gnqs.sourceforge.net/docs/papers/mnqs_papers/original_cosmic_nqs_paper.htm
Global ID	L4:607
ID	516
Known Mappings	
UDP Port	607
TCP Port	607
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NS

Name/CLI Keyword	ns
Full Name	Network Systems
Description	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.
Reference	http://www.regatta.cs.msu.su/doc/usr/share/man/info/ru_RU/a_doc_lib/aixprggd/progcomc/xns_fam.htm
Global ID	L4:760
ID	632
Known Mappings	
UDP Port	760
TCP Port	760
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NSFNET-IGP

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

NSIIOPS

Name/CLI Keyword	nsiiops
Full Name	IIOP Name Service over TLS/SSL
Description	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).
Reference	http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf
Global ID	L4:261
ID	1133
Known Mappings	
UDP Port	261
TCP Port	261
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	ssl

NSRMP

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

NSS-ROUTING

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

NSW-FE

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

NTALK

Name/CLI Keyword	ntalk
Full Name	ntalk
Description	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.
Reference	http://sourceforge.net/projects/ntalk/
Global ID	L4:518
ID	435
Known Mappings	
UDP Port	518
TCP Port	518
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NTP

Name/CLI Keyword	ntp
Full Name	Network Time Protocol
Description	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.
Reference	http://www.ntp.org/
Global ID	L4:123
ID	31
Known Mappings	
UDP Port	123
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NVP-II

Name/CLI Keyword	nvp-ii
Full Name	Network Voice Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc741.txt
Global ID	L3:11
ID	766
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	11
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

NXEDIT

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

NY-DAILY-NEWS

Name/CLI Keyword	ny-daily-news
Full Name	NY Daily News
Description	NY Daily News - News portal.
Reference	http://nydailynews.com
Global ID	L7:731
ID	1661
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

NYTIMES

Name/CLI Keyword	nytimes
Full Name	The New York Times
Description	I The New York Times - Newspaper website
Reference	http://nyt.com
Global ID	L7:629
ID	1558
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

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OBEX

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

OBJCALL

Name/CLI Keyword	objcall
Full Name	Tivoli Object Dispatcher
Description	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.
Reference	http://publib.boulder.ibm.com/tividd/td/framework/GC32-0807-00/en_US/HTML/troubl09.html
Global ID	L4:94
ID	965
Known Mappings	
UDP Port	94
TCP Port	94
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OCBINDER

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

OCS_AMU

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

OCS_CMU

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

OCSERVER

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

OCSP

Name/CLI Keyword	ocsp
Full Name	OCSP
Description	OCSP - Online Certificate Status Protocol.
Reference	https://tools.ietf.org/html/rfc6960
Global ID	L7:819
ID	1750
Known Mappings	
UDP Port	-
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http

ODMR

Name/CLI Keyword	odmr
Full Name	On-Demand Mail Relay
Description	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.
Reference	http://tools.ietf.org/html/rfc2645
Global ID	L4:366
ID	282
Known Mappings	
UDP Port	366
TCP Port	366
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OHIMSRV

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

OKCUPID

Name/CLI Keyword	okcupid
Full Name	OkCupid
Description	OkCupid - Online Dating website.
Reference	http://okccdn.com
Global ID	L7:703
ID	1633
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

OLSR

Name/CLI Keyword	olsr
Full Name	Optimized Link State Routing Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3626
Global ID	L4:698
ID	606
Known Mappings	
UDP Port	698
TCP Port	698
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OMGINITIALREFS

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

OMHS

Name/CLI Keyword	omhs
Full Name	Operations Manager - Health Service
Description	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.
Reference	http://msdn.microsoft.com/en-us/library/dd464428.aspx
Global ID	L4:5723
ID	1388
Known Mappings	
UDP Port	5723
TCP Port	5723
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OMSERV

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

ONMUX

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

OPALIS-RDV

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

OPALIS-ROBOT

Name/CLI Keyword	opalis-robot
Full Name	OpalisRobot
Description	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.
Reference	http://amtsoft.com/opalisrobot/
Global ID	L4:314
ID	1154
Known Mappings	
UDP Port	314
TCP Port	314
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OPC-JOB-START

Name/CLI Keyword	opc-job-start
Full Name	IBM Operations Planning and Control Start
Description	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.
Reference	http://publib.boulder.ibm.com/tividd/td/OperationsPlanningandControl2.3.html
Global ID	L4:423
ID	338
Known Mappings	
UDP Port	423
TCP Port	423
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OPC-JOB-TRACK

Name/CLI Keyword	opc-job-track
Full Name	IBM Operations Planning and Control Track
Description	Used by IBM in their Tivoli Operations Planning and Control product for planning, managing, and automating production workloads from a single point of control.
Reference	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&htmlfid=897/ENUS28217&appname=iucc&language=en&us
Global ID	L4:424
ID	339
Known Mappings	
UDP Port	424
TCP Port	424
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OPENPORT

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

OPENVMS-SYSIPC

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

OPENVPN

Name/CLI Keyword	openvpn
Full Name	OpenVPN
Description	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.
Reference	http://openvpn.net/
Global ID	L7:455
ID	1314
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	ssl,dns

OPSMGR

Name/CLI Keyword	opsmgr
Full Name	Microsoft System Center Operations Manager
Description	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.
Reference	http://www.microsoft.com/en-us/server-cloud/system-center/datacenter-management.aspx
Global ID	L4:1270
ID	1387
Known Mappings	
UDP Port	1270
TCP Port	1270
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ORA-SRV

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

ORACLE

Name/CLI Keyword	oracle
Full Name	Oracle
Description	Oracle database software and technology, database management, cloud-engineered systems, and enterprise software.
Reference	https://www.oracle.com/index.html
Global ID	L7:1184
ID	1184
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

ORACLE-BI

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

ORACLE-EBSUITE-UNSECURED

Name/CLI Keyword	oracle-ebsuite-unsecured
Full Name	Oracle E-Business Suite - Un-encrypted Traffic
Description	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.
Reference	http://www.oracle.com/us/products/applications/ebusiness/index.html
Global ID	L7:516
ID	1452
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

ORACLE-SQLNET

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

ORACLENAMES

Name/CLI Keyword	oraclenames
Full Name	Oracle Names
Description	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.
Reference	http://docs.oracle.com/cd/A58617_01/network.804/a58230/ch6.htm
Global ID	L4:1575
ID	695
Known Mappings	
UDP Port	1575
TCP Port	1575
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ORACLENET8CMAN

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

ORBIX-CONFIG

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

ORBIX-CFG-SSL

Name/CLI Keyword	orbix-cfg-ssl
Full Name	Orbix 2000 Config over SSL
Description	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.
Reference	http://en.wikipedia.org/wiki/Orbix_(software)
Global ID	L4:3078
ID	1600
Known Mappings	
UDP Port	3078
TCP Port	3078
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,spdy

ORBIX-LOC-SSL

Name/CLI Keyword	orbix-loc-ssl
Full Name	Orbix 2000 Locator over SSL
Description	Used by Progree Software Corporation in their Orbix software for enterprise COBRA solutions.
Reference	http://www.progress.com/en/orbix/index.html
Global ID	L4:3077
ID	706
Known Mappings	
UDP Port	3077
TCP Port	3077
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

ORBIX-LOCATOR

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

OSCAR-FILETRANSFER

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

OSPF

Name/CLI Keyword	ospf
Full Name	Open Shortest Path First
Description	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.
Reference	http://www.ietf.org/rfc/rfc2328.txt
Global ID	L3:89
ID	10
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	89
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

OSU-NMS

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

OUTBRAIN

Name/CLI Keyword	Outbrain
Full Name	outbrain
Description	Outbrain - Online help for publishers and bloggers.
Reference	http://outbrain.com
Global ID	L7:637
ID	1566
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

OUTLOOK-WEB-SERVICE

Name/CLI Keyword	outlook-web-service
Full Name	Outlook Web Service
Description	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.
Reference	http://www.outlook.com
Global ID	L7:550
ID	1484
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

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P10

Name/CLI Keyword	p10
Full Name	P10
Description	TheP10protocol is an extension to theInternet Relay Chatprotocol (IRC) for server to server communications. It is similar in purpose toIRCXand EFnet TS5/TS6 protocols and implements nick and channel timestamping for handling nick collisions and netsplit channel riding, respectively.
Reference	http://en.wikipedia.org/wiki/IRCd#P10
Global ID	L4:6665
ID	1400
Known Mappings	
UDP Port	6665,6666,6667,6668,6669
TCP Port	6665,6666,6667,6668,6669
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PANDO

Name/CLI Keyword	pando
Full Name	Pando
Description	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.
Reference	http://www.pando.com/
Global ID	L7:443
ID	1049
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PANDORA

Name/CLI Keyword	pandora
Full Name	Pandora Internet Radio
Description	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.
Reference	http://www.pandora.com
Global ID	L7:515
ID	1451
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PARSEC-GAME

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

PASSGO-TIVOLI

Name/CLI Keyword	passgo-tivoli
Full Name	PassGo Technologies Service
Description	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 aquired by Quest Software Inc.
Reference	http://www.quest.com/
Global ID	L4:627
ID	536
Known Mappings	
UDP Port	627
TCP Port	627
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PASSGO

Name/CLI Keyword	passgo
Full Name	PassGo Technologies Service
Description	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 aquired by Quest Software Inc.
Reference	http://www.quest.com/
Global ID	L4:511
ID	425
Known Mappings	
UDP Port	511
TCP Port	511
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PASSWORD-CHG

Name/CLI Keyword	password-chg
Full Name	Password Change
Description	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.
Reference	http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html
Global ID	L4:586
ID	500
Known Mappings	
UDP Port	586
TCP Port	586
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PATCH-COM

Name/CLI Keyword	patch-com
Full Name	Patch.com
Description	Patch.com - Local news website
Reference	http://assets0.patch-assets.com
Global ID	L7:764
ID	1694
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PAWSERV

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

PAYPAL

Name/CLI Keyword	paypal
Full Name	PayPal
Description	PayPal - E-commerce website for handling online transactions.
Reference	http://paypal.com
Global ID	L7:512
ID	261
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PBS-WEB-PORTAL

Name/CLI Keyword	pbs-web-portal
Full Name	Public Broadcasting Service
Description	Public Broadcasting Service - an American television network.
Reference	http://pbs.org
Global ID	L7:802
ID	1730
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PCANYWHERE

Name/CLI Keyword	pcanywhere
Full Name	pcAnywhere
Description	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match. 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.
Reference	http://www.symantec.com/pcanywhere
Global ID	L7:32
ID	32
Known Mappings	
UDP Port	22,5632
TCP Port	65301,5631
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PCH-COM

Name/CLI Keyword	pch-com
Full Name	Publishers Clearing House
Description	Publishers Clearing House - Online marketing company.
Reference	http://pch.com
Global ID	L7:781
ID	1709
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PCMAIL-SRV

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

PCOIP

Name/CLI Keyword	pcoip
Full Name	PCoIP
Description	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.
Reference	http://www.teradici.com/
Global ID	L4:4172
ID	1427
Known Mappings	
UDP Port	4172
TCP Port	443,4172
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

PDAP

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

PEARSON

Name/CLI Keyword	pearson
Full Name	Pearson Education
Description	Pearson - educational content provider.
Reference	http://www.pearsonschool.com
Global ID	L7:821
ID	1739
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns

PEOPLE-WEB

Name/CLI Keyword	people-web
Full Name	People.com
Description	People.com - Web portal for the Weekly magazine People.
Reference	http://people.com
Global ID	L7:743
ID	1673
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PERFECT-DARK

Name/CLI Keyword	perfect-dark
Full Name	Perfect Dark
Description	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.
Reference	http://perfectdark.benri-tool.net
Global ID	L7:578
ID	1517
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	No 53,80,5353
IPv6 Support	No
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

PERFORCE

Name/CLI Keyword	perforce
Full Name	Perforce
Description	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.
Reference	http://www.perforce.com/documentation/perforce_technical_documentation
Global ID	L7:486
ID	1415
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PERSONAL-LINK

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

PFTP

Name/CLI Keyword	pftp
Full Name	PFTP
Description	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.
Reference	http://www.pftp.de/
Global ID	L4:662
ID	570
Known Mappings	
UDP Port	662
TCP Port	662
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PGM

Name/CLI Keyword	pgm
Full Name	PGM Reliable Transport Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc3208.txt
Global ID	L3:113
ID	867
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	113
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PHILIPS-VC

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

PHONEBOOK

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

PHOTURIS

Name/CLI Keyword	photuris
Full Name	Photuris
Description	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.
Reference	http://tools.ietf.org/html/rfc2522
Global ID	L4:468
ID	382
Known Mappings	
UDP Port	468
TCP Port	468
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PICASA

Name/CLI Keyword	picasa
Full Name	Picasa
Description	Picasa is a photo sharing and editing website by Google.
Reference	https://picasaweb.google.com/home
Global ID	L7:523
ID	1459
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	rich-media-http-content
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	google,ssl,dns,quic

PIM-RP-DISC

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

PIM

Name/CLI Keyword	pim
Full Name	Protocol Independent Multicast
Description	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.
Reference	http://www.ietf.org/rfc/rfc4601.txt
Global ID	L3:103
ID	857
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	103
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	tcp,udp

PING

Name/CLI Keyword	ping
Full Name	Ping
Description	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.
Reference	http://tools.ietf.org/html/rfc792
Global ID	L7:479
ID	1404
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PINTEREST

Name/CLI Keyword	pinterest
Full Name	Pinterest
Description	Pinterest - Social photo sharing website.
Reference	http://pinterest.com
Global ID	L7:752
ID	1682
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PIP

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

PIPE

Name/CLI Keyword	pipe
Full Name	Private IP Encapsulation within IP
Description	Private IP Encapsulation within IP (PIPE) is a protocol enabling the encapsulation of an IP packet within another IP packet. This method is 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 originial packet's IP destination address.
Reference	http://tools.ietf.org/html/draft-petri-mobileip-pipe-00
Global ID	L3:131
ID	1229
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	131
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PIRP

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

PKIX-3-CA-RA

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

PKIX-TIMESTAMP

Name/CLI Keyword	pkix-timestamp
Full Name	Time-Stamp Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3161
Global ID	L4:318
ID	1158
Known Mappings	
UDP Port	318
TCP Port	318
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PLAYSTATION-STORE

Name/CLI Keyword	playstation-store
Full Name	Playstation Store
Description	Playstation Store - Sony Playstation online marketplace.
Reference	http://sonyentertainmentnetwork.com
Global ID	L7:618
ID	1192
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PLAYSTATION-WEB-PORTAL

Name/CLI Keyword	playstation-web-portal
Full Name	Playstation.com
Description	Playstation.com - Sony Playstation related e-commerce.
Reference	http://playstation.com
Global ID	L7:772
ID	1702
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PNNI

Name/CLI Keyword	pnni
Full Name	Private Network-to-Network Interface over IP
Description	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.
Reference	http://www.cisco.com/en/US/docs/switches/wan/mgx/mgx_8850/software/mgx_r52/data/pnni/network/planning/guide/pintro.html
Global ID	L3:102
ID	856
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	102
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	tcp,udp

POCO

Name/CLI Keyword	poco
Full Name	poco
Description	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.
Reference	http://www.poco.cn/
Global ID	L7:424
ID	700
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	rich-media-http-content
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

POCKET

Name/CLI Keyword	pocket
Full Name	Pocket
Description	Pocket - App to save web pages.
Reference	http://getpocket.com
Global ID	L7:803
ID	1731
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

POP2

Name/CLI Keyword	pop2
Full Name	Post Office Protocol - Version 2
Description	Post Office Protocol Version 2 (POP2) enables a user's workstation to access mail from a mailbox server.
Reference	http://tools.ietf.org/html/rfc937
Global ID	L4:109
ID	980
Known Mappings	
UDP Port	109
TCP Port	109
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

POP3

Name/CLI Keyword	pop3
Full Name	Post Office Protocol 3
Description	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.
Reference	http://www.ietf.org/rfc/rfc1939.txt
Global ID	L4:110
ID	33
Known Mappings	
UDP Port	
TCP Port	110
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	pop3-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

POSTGRESQL

Name/CLI Keyword	postgresql
Full Name	postgresql
Description	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.
Reference	http://www.postgresql.org/
Global ID	L4:5432
ID	1361
Known Mappings	
UDP Port	5432
TCP Port	5432
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

POV-RAY

Name/CLI Keyword	pov-ray
Full Name	Persistence of Vision Raytracer
Description	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.
Reference	http://www.povray.org/
Global ID	L4:494
ID	408
Known Mappings	
UDP Port	494
TCP Port	494
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

POWERBURST

Name/CLI Keyword	powerburst
Full Name	Air Soft Power Burst
Description	Registered with IANA on port 485 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:485
ID	399
Known Mappings	
UDP Port	485
TCP Port	485
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PPSTREAM

Name/CLI Keyword	ppstream
Full Name	PPstream
Description	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.
Reference	http://www.pps.tv/en/
Global ID	L7:423
ID	698
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

PPTP

Name/CLI Keyword	pptp
Full Name	Point-to-Point Tunneling Protocol
Description	Point-to-Point Tunneling Protocol (PPTP) uses a control channel over TCP and a GRE (Generic Routing Encapsulation) tunnel operating to encapsulate PPP packets.
Reference	http://www.ietf.org/rfc/rfc2637.txt
Global ID	L4:1723
ID	35
Known Mappings	
UDP Port	
TCP Port	1723
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

PPTV

Name/CLI Keyword	pptv
Full Name	PPTV
Description	PPTV (also known as PPLive) developed by PPLive, is a leading online TV service that offers live streaming and video-on-demand of TV programs/shows, movies, drama, sports, news and entertainment video contents. The service is accessible either from its website or from client software installation. PPTV is now available for a variety of systems, including windows PC, Mac, Android mobile phones, and iPads.
Reference	http://www.pptv.com
Global ID	L7:542
ID	542
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	commercial-media-distribution
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http, dns, video-over-http

PREZI

Name/CLI Keyword	prezi
Full Name	Prezi
Description	Prezi - Presentation tool.
Reference	http://prezi.com
Global ID	L7:536
ID	263
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PRICELINE-COM

Name/CLI Keyword	priceline-com
Full Name	Priceline.com
Description	Travel services company focused on offering discount rates.
Reference	http://priceline.com
Global ID	L7:736
ID	1666
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

PRINT-SRV

Name/CLI Keyword	print-srv
Full Name	Adobe PostScript
Description	Adobe PostScript is the worldwide printing and imaging standard. Used by print service providers, publishers, corporations, and government agencies around the globe
Reference	http://www.adobe.com/products/postscript/
Global ID	L4:170
ID	1015
Known Mappings	
UDP Port	170
TCP Port	170
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PRINTER

Name/CLI Keyword	printer
Full Name	Line Printer Daemon Protocol
Description	Line Printer Daemon protocol (LPD) or Line Printer Remote protocol (LPR) is a network protocol for submitting print jobs to a remote printer.
Reference	http://www.ietf.org/rfc/rfc1179.txt
Global ID	L4:515
ID	46
Known Mappings	
UDP Port	515
TCP Port	515
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PRM-NM

Name/CLI Keyword	prm-nm
Full Name	Prospero Resource Manager Node Man.
Description	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.
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776
Global ID	L4:409
ID	324
Known Mappings	
UDP Port	409
TCP Port	409
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	prm-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PRM-SM

Name/CLI Keyword	prm-sm
Full Name	Prospero Resource Manager Sys. Man
Description	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.
Reference	http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps
Global ID	L4:408
ID	323
Known Mappings	
UDP Port	408
TCP Port	408
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	prm-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PRM

Name/CLI Keyword	prm
Full Name	Packet Radio Measurement
Description	Registered with IANA as IP Protocol 21
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:21
ID	775
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	21
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PROFILE

Name/CLI Keyword	profile
Full Name	Profile Naming System
Description	Registered with IANA on port 136 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:136
ID	923
Known Mappings	
UDP Port	136
TCP Port	136
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PROSPERO

Name/CLI Keyword	prospero
Full Name	Prospero Directory Service
Description	The Prospero System is a collection of protocols and embedded software providing distributed directory services, file access services, naming etc.
Reference	http://www.prospero.org/
Global ID	L4:191
ID	1035
Known Mappings	
UDP Port	191
TCP Port	191
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PSRSERVER

Name/CLI Keyword	psrserver
Full Name	Pharos psrserver
Description	Registered with IANA on port 2351 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:2351
ID	1360
Known Mappings	
UDP Port	2351
TCP Port	2351
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PTCNAMESERVICE

Name/CLI Keyword	ptcnameservice
Full Name	PTC Name Service
Description	PTC Name Service is a protocol used by Parametric Technology Corporation (PTC) in their products.
Reference	http://www.ptc.com
Global ID	L4:597
ID	511
Known Mappings	
UDP Port	597
TCP Port	597
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PTP-EVENT

Name/CLI Keyword	ptp-event
Full Name	Precision Time Protocol Event
Description	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.
Reference	http://www.nist.gov/el/isd/ieee/ieee1588.cfm
Global ID	L4:319
ID	1159
Known Mappings	
UDP Port	319
TCP Port	319
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PTP-GENERAL

Name/CLI Keyword	ptp-general
Full Name	PTP General
Description	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.
Reference	http://www.nist.gov/el/isd/ieee/ieee1588.cfm
Global ID	L4:320
ID	884
Known Mappings	
UDP Port	320
TCP Port	320
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PTP

Name/CLI Keyword	ptp
Full Name	Performance Transparency Protocol
Description	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.
Reference	http://heim.ifi.uio.no/michawe/research/projects/ptp/
Global ID	L3:123
ID	877
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	123
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

PUMP

Name/CLI Keyword	pump
Full Name	pump
Description	Registered with IANA on port 751 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:751
ID	626
Known Mappings	
UDP Port	751
TCP Port	751
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PUP

Name/CLI Keyword	pup
Full Name	PARC Universal Packet
Description	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.
Reference	http://en.wikipedia.org/wiki/PARC_Universal_Packet
Global ID	L3:12
ID	767
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	12
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PURENOISE

Name/CLI Keyword	purenoise
Full Name	PureNoise
Description	Registered with IANA on port 663 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:663
ID	571
Known Mappings	
UDP Port	663
TCP Port	663
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PVP

Name/CLI Keyword	pvp
Full Name	Packet Video Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1453
Global ID	L3:75
ID	829
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	75
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

PWDGEN

Name/CLI Keyword	pwdgen
Full Name	Password Generator Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc0972.txt
Global ID	L4:129
ID	998
Known Mappings	
UDP Port	129
TCP Port	129
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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QBIKGDP

Name/CLI Keyword	qbikgdp
Full Name	Qbik GDP
Description	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.
Reference	http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php
Global ID	L4:368
ID	284
Known Mappings	
UDP Port	368
TCP Port	368
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QFT

Name/CLI Keyword	qft
Full Name	Queued File Transport
Description	Registered with IANA on port 189 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:189
ID	1033
Known Mappings	
UDP Port	189
TCP Port	189
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QMQP

Name/CLI Keyword	qmqp
Full Name	Quick Mail Queuing Protocol
Description	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.
Reference	http://cr.yp.to/proto/qmqp.html
Global ID	L4:628
ID	537
Known Mappings	
UDP Port	628
TCP Port	628
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QMTP

Name/CLI Keyword	qmtp
Full Name	Quick Mail Transfer Protocol
Description	The Quick Mail Transfer Protocol (QMTP) 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.
Reference	http://cr.yp.to/proto/qmtp.txt
Global ID	L4:209
ID	1107
Known Mappings	
UDP Port	209
TCP Port	209
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QNX

Name/CLI Keyword	qnx
Full Name	QNX
Description	QNX IP protocol. QNX is a commercial Unix-like real-time operating system, aimed primarily at the embedded systems market.
Reference	http://www.qnx.com/
Global ID	L3:106
ID	860
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	106
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QOTD

Name/CLI Keyword	qotd
Full Name	Quote of the Day
Description	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.
Reference	http://www.ietf.org/rfc/rfc865.txt
Global ID	L4:17
ID	906
Known Mappings	
UDP Port	17
TCP Port	17
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QQ-ACCOUNTS

Name/CLI Keyword	qq-accounts
Full Name	QQ Accounts
Description	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.
Reference	http:// id.qq.com/.aspx
Global ID	L7:554
ID	1489
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

QQ-GAMES

Name/CLI Keyword	qq-games
Full Name	QQ-Games
Description	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.
Reference	http://qqgame.qq.com/
Global ID	L7:570
ID	1509
Known Mappings	
UDP Port	53,1863,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

QQ-IM

Name/CLI Keyword	qq-im
Full Name	QQ Instant Messenger
Description	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).
Reference	http://www.imqq.com/
Global ID	L7:569
ID	1508
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

QQ-SERVICES

Name/CLI Keyword	qq-services
Full Name	QQ-services
Description	qq-services is a set of tools and APIs used by QQReader, QQwebsite, and other QQ applications.
Reference	http://www.qq.com/
Global ID	L7:601
ID	1540
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,dns,quic

QQLIVE

Name/CLI Keyword	qqlive
Full Name	QQLive
Description	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.
Reference	http://live.qq.com/
Global ID	L7:540
ID	1476
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

QRH

Name/CLI Keyword	qrh
Full Name	qrh
Description	Registered with IANA on port 752 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:752
ID	627
Known Mappings	
UDP Port	752
TCP Port	752
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

QUIC

Name/CLI Keyword	quic
Full Name	QUIC
Description	QUIC (pronounced "quick") is a UDP-based protocol developed by Google to accelerate web communications, saving round trip time and protocol overhead incurred by traditional TCP connections. QUIC traffic is always encrypted.
Reference	http://dev.chromium.org/quic
Global ID	L7:778
ID	1752
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

QUOTAD

Name/CLI Keyword	quotad
Full Name	Quotad
Description	Registered with IANA on port 762 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:762
ID	634
Known Mappings	
UDP Port	762
TCP Port	762
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RADIUS

Name/CLI Keyword	radius
Full Name	RADIUS
Description	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.
Reference	http://tools.ietf.org/html/rfc2865
Global ID	L4:1812
ID	738
Known Mappings	
UDP Port	1812,1813
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RADMIN-PORT

Name/CLI Keyword	radmin-port
Full Name	Remote Admin
Description	Remote Admin (Radmin) is a remote access software solution designed for Windows, enabling a remote computer screen to be viewed on a local monitor. All mouse movements and keystrokes are transferred directly to the remote computer.Files can be transferred to and from the remote computer, and communication with the remote computer's user is possible by either Text Chat or Voice Chat.
Reference	http://www.radmin.com
Global ID	L4:4899
ID	1362
Known Mappings	
UDP Port	4899
TCP Port	4899
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RAP

Name/CLI Keyword	rap
Full Name	Route Access Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1476
Global ID	L4:38
ID	919
Known Mappings	
UDP Port	38
TCP Port	38
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RAKUTEN

Name/CLI Keyword	rakuten
Full Name	Rakuten
Description	Rakuten - Japanese e-commerce site.
Reference	http://rakuten.co.jp
Global ID	L7:620
ID	1447
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

RCP

Name/CLI Keyword	rcp
Full Name	Radio Control Protocol
Description	Registered with IANA on port 469 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:469
ID	93
Known Mappings	
UDP Port	469
TCP Port	469
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RDA

Name/CLI Keyword	rda
Full Name	Remote Database Access
Description	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.
Reference	http://en.wikipedia.org/wiki/Remote_Database_Access
Global ID	L4:630
ID	539
Known Mappings	
UDP Port	630
TCP Port	630
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RDB-DBS-DISP

Name/CLI Keyword	rdb-dbs-disp
Full Name	Oracle Remote Data Base
Description	Oracle Remote Data Base provides the user with a connection to a remote Oracle database.
Reference	http://www.oracle.com
Global ID	L4:1571
ID	694
Known Mappings	
UDP Port	1571
TCP Port	1571
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RDP

Name/CLI Keyword	rdp
Full Name	Reliable Data Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc908.txt
Global ID	L3:27
ID	781
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	27
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RDT

Name/CLI Keyword	rdt
Full Name	Real Data Transport
Description	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.
Reference	https://helixcommunity.org/viewcvs/server/protocol/transport/rdt/
Global ID	L4:6970
ID	1363
Known Mappings	
UDP Port	
TCP Port	6970
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REALMEDIA

Name/CLI Keyword	realmedia
Full Name	RealMedia Traffic
Description	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.
Reference	http://uk.real.com/realplayer
Global ID	L7:507
ID	1442
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,554,5353,8554
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,rtsp,dns,quic

REALM-RUSD

Name/CLI Keyword	realm-rusd
Full Name	ApplianceWare Managment Protocol
Description	Registered with IANA on port 688 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:688
ID	596
Known Mappings	
UDP Port	688
TCP Port	688
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REALTOR-COM

Name/CLI Keyword	realtor-com
Full Name	Realtor.com
Description	Realtor.com - Web portal Real Estate
Reference	http://realtor.com
Global ID	L7:732
ID	1662
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

REDIFF-COM

Name/CLI Keyword	rediff-com
Full Name	Rediff.com
Description	Rediff.com - Online news, information and web portal.
Reference	http://rediff.com
Global ID	L7:671
ID	1601
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

RE-MAIL-CK

Name/CLI Keyword	re-mail-ck
Full Name	Remote Mail Checking Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1339
Global ID	L4:50
ID	930
Known Mappings	
UDP Port	50
TCP Port	50
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REMOTEFS

Name/CLI Keyword	remotefs
Full Name	Remotefs
Description	RemoteFS is a network file system designed for use with home NAS. Simple to use, few dependencies, reasonable security, completely in user space.
Reference	http://remotefs.sourceforge.net/
Global ID	L4:556
ID	471
Known Mappings	
UDP Port	556
TCP Port	556
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REMOTE-KIS

Name/CLI Keyword	remote-kis
Full Name	Remote-KIS
Description	Registered with IANA on port 185 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:185
ID	1028
Known Mappings	
UDP Port	185
TCP Port	185
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REPCMD

Name/CLI Keyword	repcmd
Full Name	repcmd
Description	Repcmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assitance.
Reference	http://www.consona.com/supportsoft/
Global ID	L4:641
ID	550
Known Mappings	
UDP Port	641
TCP Port	641
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

REPSCMD

Name/CLI Keyword	repscmd
Full Name	repscmd
Description	Repscmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assitance
Reference	http://www.consona.com/supportsoft/
Global ID	L4:653
ID	562
Known Mappings	
UDP Port	653
TCP Port	653
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RESCAP

Name/CLI Keyword	rescap
Full Name	rescap
Description	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.
Reference	http://tools.ietf.org/html/draft-ietf-rescap-proto-main-01
Global ID	L4:283
ID	1144
Known Mappings	
UDP Port	283
TCP Port	283
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RETAILMENOT

Name/CLI Keyword	retailmenot
Full Name	RetailMeNot
Description	RetailMeNot - Online coupon and deals.
Reference	http://retailmenot.com
Global ID	L7:707
ID	1637
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

REDIFF-COM

Name/CLI Keyword	rediff-com
Full Name	Rediff.com
Description	Rediff.com - Online news, information and web portal.
Reference	http://rediff.com
Global ID	L7:671
ID	1601
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

REUTERS

Name/CLI Keyword	reuters
Full Name	Reuters
Description	Reuters - News portal.
Reference	http://reuters.com
Global ID	L7:691
ID	1621
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

RHAPSODY

Name/CLI Keyword	rhapsody
Full Name	Rhapsody
Description	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.
Reference	http://www.rhapsody.com/about/index.html
Global ID	L7:489
ID	1418
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns,quic

RINGCENTRAL

Name/CLI Keyword	ringcentral
Full Name	RingCentral
Description	Cloud-based communications and collaboration solutions for businesses.
Reference	https://www.ringcentral.com
Global ID	L7:1188
ID	1188
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	http,ssl,dns

RIP

Name/CLI Keyword	rip
Full Name	Routing Information Protocol
Description	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).
Reference	http://tools.ietf.org/html/rfc2453
Global ID	L4:520
ID	36
Known Mappings	
UDP Port	520
TCP Port	520
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RIPNG

Name/CLI Keyword	ripng
Full Name	RIPng
Description	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.
Reference	http://tools.ietf.org/html/rfc2080
Global ID	L4:521
ID	439
Known Mappings	
UDP Port	521
TCP Port	521
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RIS

Name/CLI Keyword	ris
Full Name	Relational Interface System
Description	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.
Reference	http://en.wikipedia.org/wiki/Relational_Interface_System
Global ID	L4:180
ID	1023
Known Mappings	
UDP Port	180
TCP Port	180
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RIS-CM

Name/CLI Keyword	ris-cm
Full Name	Russell Info Sci Calendar Manager
Description	Registered with IANA on port 748 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:748
ID	622
Known Mappings	
UDP Port	748
TCP Port	748
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RJE

Name/CLI Keyword	rje
Full Name	Remote Job Entry
Description	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.
Reference	http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.hasa300/rjechp.htm
Global ID	L4:5
ID	901
Known Mappings	
UDP Port	5
TCP Port	5
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RLP

Name/CLI Keyword	rlp
Full Name	Resource Location Protocol
Description	Resource Location Protocol (RLP) is a simple request/reply procedure used for determining the location of network services or resources.
Reference	http://www.ietf.org/rfc/rfc887.txt
Global ID	L4:39
ID	920
Known Mappings	
UDP Port	39
TCP Port	39
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RLZDBASE

Name/CLI Keyword	rlzdbase
Full Name	RLZ Dbase
Description	Registered with IANA on port 635 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:635
ID	544
Known Mappings	
UDP Port	635
TCP Port	635
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RMC

Name/CLI Keyword	rmc
Full Name	Rational Method Composer
Description	Rational Method Composeris a tool platform that enables process engineers and managers to implement, deploy, and maintain processes for organizations or individual projects.
Reference	http://www-01.ibm.com/software/awdtools/rmc/
Global ID	L4:657
ID	566
Known Mappings	
UDP Port	657
TCP Port	657
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RMIACTIVATION

Name/CLI Keyword	rmiactivation
Full Name	Remote Method Invocation Activation
Description	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.
Reference	http://docs.oracle.com/javase/1.4.2/docs/guide/rmi/activation.html
Global ID	L4:1098
ID	682
Known Mappings	
UDP Port	1098
TCP Port	1098
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RMIREGISTRY

Name/CLI Keyword	rmiregistry
Full Name	rmiregistry
Description	rmiregistry is a command that creates and starts a remote object registry on the current host.
Reference	http://docs.oracle.com/javase/1.4.2/docs/tooldocs/windows/rmiregistry.html
Global ID	L4:1099
ID	683
Known Mappings	
UDP Port	1099
TCP Port	1099
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RMONITOR

Name/CLI Keyword	rmonitor
Full Name	Rmonitor
Description	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.
Reference	http://tools.ietf.org/html/rfc2819
Global ID	L4:560
ID	475
Known Mappings	
UDP Port	560
TCP Port	560
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RMT

Name/CLI Keyword	rmt
Full Name	Remote MT Protocol
Description	Rmtis a program used by the remotedump,restoreortarprograms in manipulating a magnetic tape drive through an interprocess communication connection.
Reference	http://linux.die.net/man/8/rmt
Global ID	L4:411
ID	326
Known Mappings	
UDP Port	411
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ROTTEN-TOMATOES

Name/CLI Keyword	rotten-tomatoes
Full Name	Rotten Tomatoes
Description	Rotten Tomatoes - Online information and reviews about new films.
Reference	http://rottentomatoes.com
Global ID	L7:726
ID	1656
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

RPC2PORTMAP

Name/CLI Keyword	rpc2portmap
Full Name	RPC2portmap
Description	Registered with IANA on port 369 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:369
ID	285
Known Mappings	
UDP Port	369
TCP Port	369
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RRH

Name/CLI Keyword	rrh
Full Name	Reverse Routing Header
Description	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.
Reference	http://tools.ietf.org/html/draft-thubert-6man-reverse-routing-header-00
Global ID	L4:753
ID	628
Known Mappings	
UDP Port	753
TCP Port	753
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RRP

Name/CLI Keyword	rrp
Full Name	Registry Registrar Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2832.txt
Global ID	L4:648
ID	557
Known Mappings	
UDP Port	648
TCP Port	648
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSH-SPX

Name/CLI Keyword	rsh-spx
Full Name	Berkeley rshd with SPX auth
Description	RSH-SPX is an implementation of RSH (Remote Shell) over an IPX/SPX network.
Reference	http://rshd.sourceforge.net/
Global ID	L4:222
ID	1119
Known Mappings	
UDP Port	222
TCP Port	222
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSVD

Name/CLI Keyword	rsvd
Full Name	rsvd
Description	Registered with IANA on port 168 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:168
ID	1013
Known Mappings	
UDP Port	168
TCP Port	168
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSVP

Name/CLI Keyword	rsvp
Full Name	Resource Reservation Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	L3:46
ID	37
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	46
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSVP_TUNNEL

Name/CLI Keyword	rsvp_tunnel
Full Name	RSVP Tunnel
Description	TheResource Reservation Protocol(RSVP) is aTransport Layerprotocoldesigned to reserve resources across anetworkfor anintegrated servicesInternet. 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.
Reference	http://tools.ietf.org/html/rfc2746
Global ID	L4:363
ID	279
Known Mappings	
UDP Port	363
TCP Port	363
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

RSVP-E2E-IGNORE

Name/CLI Keyword	rsvp-e2e-ignore
Full Name	RSVP-E2E-IGNORE
Description	A Protocol used in Aggregation of RSVP for IPv4 and IPv6 Reservations.
Reference	http://tools.ietf.org/html/rfc3175
Global ID	L3:134
ID	1232
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	134
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSVP-ENCAP-1

Name/CLI Keyword	rsvp-encap-1
Full Name	Resource Reservation Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	L4:1698
ID	1423
Known Mappings	
UDP Port	1698
TCP Port	1698
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSVP-ENCAP-2

Name/CLI Keyword	rsvp-encap-2
Full Name	Resource Reservation Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	L4:1699
ID	1424
Known Mappings	
UDP Port	1699
TCP Port	1699
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RSYNC

Name/CLI Keyword	rsync
Full Name	rsync
Description	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.
Reference	http://rsync.samba.org/
Global ID	L4:873
ID	659
Known Mappings	
UDP Port	873
TCP Port	873
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

RTCP

Name/CLI Keyword	rtcp
Full Name	Real-Time Transport Control Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc3550.txt
Global ID	L7:66
ID	66
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat

RTELNET

Name/CLI Keyword	rtelnet
Full Name	Remote Telnet Service
Description	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.
Reference	http://www.ietf.org/rfc/rfc818.txt
Global ID	L4:107
ID	107
Known Mappings	
UDP Port	107
TCP Port	107
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RTIP

Name/CLI Keyword	rtip
Full Name	rtip
Description	Registered with IANA on port 771 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:771
ID	641
Known Mappings	
UDP Port	771
TCP Port	771
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RTMP

Name/CLI Keyword	rtmp
Full Name	Real Time Messaging Protocol
Description	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.
Reference	http://www.adobe.com/devnet/rtmp.html
Global ID	L7:418
ID	1067
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RTMPE

Name/CLI Keyword	rtmpe
Full Name	Real Time Messaging Protocol Encrypted
Description	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.
Reference	http://help.adobe.com/en_US/flashlite/dev/4/WSa2ec538c80d45833-4e519ada123e088b6aa-8000.html
Global ID	L7:487
ID	1416
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RTMPT

Name/CLI Keyword	rtmpt
Full Name	Real Time Messaging Protocol Tunneled
Description	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.
Reference	http://wiki.wireshark.org/RTMPT
Global ID	L7:491
ID	1420
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	http

RTP

Name/CLI Keyword	rtp
Full Name	Real-time Transport Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3551
Global ID	L7:61
ID	61
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat

RTP-AUDIO

Name/CLI Keyword	rtp
Full Name	Real-time Transport Protocol Audio
Description	RTP Audio is the audio portion of Real-time Transport Protocol (RTP) which is used for streaming audio in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245
Reference	http://tools.ietf.org/html/rfc3551
Global ID	L7:566
ID	61
Known Mappings	
UDP Port	3478,5060
TCP Port	3478,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtp,stun-nat,sip

RTP-VIDEO

Name/CLI Keyword	rtp-video
Full Name	Real-time Transport Protocol Video
Description	RTP Video is the video portion of Real-time Transport Protocol (RTP) which is used for streaming video in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245
Reference	http://tools.ietf.org/html/rfc3551
Global ID	L7:567
ID	1504
Known Mappings	
UDP Port	3478,5060
TCP Port	3478,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	rtp,stun-nat,sip

RTSP

Name/CLI Keyword	rtsp
Full Name	Real Time Streaming Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc2326.txt
Global ID	L4:554
ID	60
Known Mappings	
UDP Port	
TCP Port	80,554,8554
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

RTSPS

Name/CLI Keyword	rtsps
Full Name	RTSPS
Description	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.
Reference	http://www.ietf.org/rfc/rfc2326.txt
Global ID	L4:322
ID	881
Known Mappings	
UDP Port	322
TCP Port	322
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RUSHD

Name/CLI Keyword	rushd
Full Name	RUSHD
Description	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 tooland rushd(8) is the network daemon that runs on each host, one daemon per host.
Reference	http://seriss.com/rush-current/rush/
Global ID	L4:696
ID	604
Known Mappings	
UDP Port	696
TCP Port	696
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RVD

Name/CLI Keyword	rvd
Full Name	MIT Remote Virtual Disk Protocol
Description	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.
Reference	http/groups.csail.mit.edu/ana/Publications/PubPDFs/The%20Desktop%20Computer%20as%20a%20Network%20Participant.pdf
Global ID	L3:66
ID	820
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	66
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

RXE

Name/CLI Keyword	rxe
Full Name	rxe
Description	Registered with IANA on port 761 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:761
ID	633
Known Mappings	
UDP Port	761
TCP Port	761
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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SAFT

Name/CLI Keyword	saft
Full Name	Simple Asynchronous File Transfer
Description	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.
Reference	http://fex.rus.uni-stuttgart.de/saft/index.html
Global ID	L4:487
ID	401
Known Mappings	
UDP Port	487
TCP Port	487
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SALESFORCE

Name/CLI Keyword	salesforce
Full Name	Salesforce CRM
Description	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.
Reference	http://www.salesforce.com
Global ID	L7:509
ID	1444
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SAMSUNG

Name/CLI Keyword	samsung
Full Name	Samsung
Description	Samsung - Electronics retail site.
Reference	http://samsung.com
Global ID	L7:689
ID	1619
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SANITY

Name/CLI Keyword	sanity
Full Name	SANity
Description	SANity, Registered with IANA on port 643 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:643
ID	552
Known Mappings	
UDP Port	643
TCP Port	643
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SAP

Name/CLI Keyword	sap
Full Name	SAP
Description	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
Reference	http://www.sap.com
Global ID	L7:84
ID	84
Known Mappings	
UDP Port	
TCP Port	3200,3300,3600
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SAT-EXPAK

Name/CLI Keyword	sat-expak
Full Name	SATNET and Backroom EXPAK
Description	Registered with IANA as IP Protocol 64
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:64
ID	818
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	64
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SAT-MON

Name/CLI Keyword	sat-mon
Full Name	SATNET Monitoring
Description	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.
Reference	http://adsabs.harvard.edu/abs/1979ntc.....3...45M
Global ID	L3:69
ID	823
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	69
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCCP-USER-ADAPTATION

Name/CLI Keyword	sccp-user-adaptation
Full Name	SCCP User Adaptation
Description	SCCP User Adaptation (SUA) provides an SCTP adaptation layer for the seamless backhaul or peering of Signalling Connection Control Part user messages and service interface across an IP network.
Reference	https://www.ietf.org/rfc/rfc3868.txt
Global ID	L7:1175
ID	1175
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	132
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	network-control
Tunnel	No
Underlying Protocols	sctp

SCC-SECURITY

Name/CLI Keyword	scc-security
Full Name	SCC Security
Description	Registered with IANA on port 582 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:582
ID	496
Known Mappings	
UDP Port	582
TCP Port	582
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCC-SP

Name/CLI Keyword	scc-sp
Full Name	Semaphore Communications Sec. Pro.
Description	Registered with IANA as IP Protocol 96
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:96
ID	850
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	96
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCHEDULE-TRANSFER

Name/CLI Keyword	schedule-transfer
Full Name	Schedule Transfer Protocol
Description	Scheduled Transfer Protocol (STP) is a new ANSI specifed connection-oriented data transfer protocol. In STP small control messages are used to allocate bufers on the remote host before any data transfer. This reduces the workload of the receiver considerably and makes hardware acceleration relatively simple to implement.
Reference	http://www.kernel.org/doc/ols/2001/stlinux.pdf
Global ID	L3:118
ID	872
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	118
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCRIBD

Name/CLI Keyword	scribd
Full Name	Scribd
Description	Scribd - Web based document posting and sharing service.
Reference	http://scribd.com
Global ID	L7:700
ID	1630
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SCO-DTMGR

Name/CLI Keyword	sco-dtmgr
Full Name	SCO Desktop Administration Server
Description	Registered with IANA on port 617 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:617
ID	526
Known Mappings	
UDP Port	617
TCP Port	617
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCOHELP

Name/CLI Keyword	scohelp
Full Name	scohelp
Description	Registered with IANA on port 457 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:457
ID	371
Known Mappings	
UDP Port	457
TCP Port	457
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCOI2ODIALOG

Name/CLI Keyword	scoi2odialog
Full Name	Scoi2odialog
Description	Registered with IANA on port 360 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:360
ID	276
Known Mappings	
UDP Port	360
TCP Port	360
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCO-INETMGR

Name/CLI Keyword	sco-inetmgr
Full Name	Internet Configuration Manager
Description	Registered with IANA on port 615 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:615
ID	524
Known Mappings	
UDP Port	615
TCP Port	615
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCO-SYSMGR

Name/CLI Keyword	sco-sysmgr
Full Name	SCO System Administration Server
Description	Registered with IANA on port 616 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:616
ID	525
Known Mappings	
UDP Port	616
TCP Port	616
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCO-WEBSRVRMG3

Name/CLI Keyword	sco-websrvrmg3
Full Name	SCO Web Server Manager 3
Description	Registered with IANA on port 598 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:598
ID	512
Known Mappings	
UDP Port	598
TCP Port	598
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCO-WEBSRVRMGR

Name/CLI Keyword	sco-websrvrmgr
Full Name	SCO Web Server Manager
Description	Registered with IANA on port 620 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:620
ID	529
Known Mappings	
UDP Port	620
TCP Port	620
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCPS

Name/CLI Keyword	scps
Full Name	Space Communications Protocol Specifications
Description	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.
Reference	http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications
Global ID	L3:105
ID	859
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	105
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCTP

Name/CLI Keyword	sctp
Full Name	Stream Control Transmission Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc3286.txt
Global ID	L3:132
ID	1230
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	132
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SCX-PROXY

Name/CLI Keyword	scx-proxy
Full Name	scx-proxy
Description	Registered with IANA on port 470 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:470
ID	384
Known Mappings	
UDP Port	470
TCP Port	470
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SDRP

Name/CLI Keyword	sdrp
Full Name	Source Demand Routing Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1940
Global ID	L3:42
ID	796
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	42
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control
Tunnel	No
Underlying Protocols	tcp,udp

SDNSKMP

Name/CLI Keyword	sdnskmp
Full Name	Secure Data Network System Key Management Protocol
Description	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.
Reference	http://articles-abstracts.com/article.php?id=67588&content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key
Global ID	L4:558
ID	473
Known Mappings	
UDP Port	558
TCP Port	558
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SECONDLIFE

Name/CLI Keyword	secondlife
Full Name	Secondlife
Description	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.
Reference	http://secondlife.com/
Global ID	L7:328
ID	1041
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SECURE-FTP

Name/CLI Keyword	secure-ftp
Full Name	ftp protocol control over TLS/SSL
Description	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.
Reference	http://en.wikipedia.org/wiki/FTPS
Global ID	L4:990
ID	44
Known Mappings	
UDP Port	990
TCP Port	990
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-HTTP

Name/CLI Keyword	secure-http
Full Name	DEPRECATED, traffic will not match
Description	DEPRECATED: Secure Hypertext Transfer Protocol(S-HTTP) is a little-used alternative to the HTTPS URI scheme for encrypting web communications carried over HTTP.
Reference	http://tools.ietf.org/html/rfc2660
Global ID	L4:443
ID	16
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	-
IPv6 Support	-
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	Unassigned
Encrypted	Unassigned
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Unassigned
Underlying Protocols	-

SECURE-IMAP

Name/CLI Keyword	secure-imap
Full Name	Internet Message Access Protocol over TLS/SSL
Description	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.
Reference	http://tools.ietf.org/html/rfc2595
Global ID	L4:993
ID	18
Known Mappings	
UDP Port	993
TCP Port	80,993
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-IRC

Name/CLI Keyword	secure-irc
Full Name	Secure IRC
Description	Registered with IANA on port 994 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:994
ID	20
Known Mappings	
UDP Port	994
TCP Port	994
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-LDAP

Name/CLI Keyword	secure-ldap
Full Name	ldap protocol over TLS
Description	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.
Reference	http://support.microsoft.com/kb/321051
Global ID	L4:636
ID	24
Known Mappings	
UDP Port	636
TCP Port	636
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ldap-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-NNTP

Name/CLI Keyword	secure-nntp
Full Name	Secure Network News Transfer Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc3977
Global ID	L4:563
ID	29
Known Mappings	
UDP Port	563
TCP Port	563
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl

SECURE-POP3

Name/CLI Keyword	secure-pop3
Full Name	Post Office Protocol 3 over TLS
Description	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.
Reference	http://tools.ietf.org/html/rfc2595
Global ID	L4:995
ID	34
Known Mappings	
UDP Port	995
TCP Port	995
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	pop3-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-SMTP

Name/CLI Keyword	secure-smtp
Full Name	Secure Simple Mail Transfer Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/SMTPS
Global ID	L7:568
ID	1507
Known Mappings	
UDP Port	465
TCP Port	465
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-TELNET

Name/CLI Keyword	secure-telnet
Full Name	telnet protocol over TLS
Description	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.
Reference	http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt
Global ID	L4:992
ID	43
Known Mappings	
UDP Port	992
TCP Port	992
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SECURE-VMTP

Name/CLI Keyword	secure-vmtp
Full Name	Versatile Message Transaction Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1045
Global ID	L3:82
ID	836
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	82
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SEMANTIX

Name/CLI Keyword	semantix
Full Name	Semantix
Description	Registered with IANA on port 361 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:361
ID	277
Known Mappings	
UDP Port	361
TCP Port	361
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SEND

Name/CLI Keyword	send
Full Name	Secure Neighbor Discovery
Description	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.
Reference	http://www.ietf.org/rfc/rfc3971.txt
Global ID	L4:169
ID	1014
Known Mappings	
UDP Port	169
TCP Port	169
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SERVER-IPX

Name/CLI Keyword	server-ipx
Full Name	Internetwork Packet Exchange Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc1132
Global ID	L4:213
ID	108
Known Mappings	
UDP Port	213
TCP Port	213
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SERVICENOW

Name/CLI Keyword	servicenow
Full Name	ServiceNow
Description	Enterprise cloud computing services and IT service management.
Reference	https://www.servicenow.com
Global ID	L7:1181
ID	1181
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

SERVSTAT

Name/CLI Keyword	servstat
Full Name	Service Status update
Description	Registered with IANA on port 633 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:633
ID	542
Known Mappings	
UDP Port	633
TCP Port	633
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SET

Name/CLI Keyword	set
Full Name	Secure Electronic Transaction
Description	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.
Reference	http://en.wikipedia.org/wiki/Secure_Electronic_Transaction
Global ID	L4:257
ID	1129
Known Mappings	
UDP Port	257
TCP Port	257
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SFGATE

Name/CLI Keyword	sfgate
Full Name	SFGate
Description	SFGate - Bay area news portal.
Reference	http://sfgate.com
Global ID	L7:774
ID	1704
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SHUTTERSTOCK

Name/CLI Keyword	shutterstock
Full Name	Shutterstock
Description	Shutterstock - Online collection of Stock photographs and illustrations.
Reference	http://shutterstock.com
Global ID	L7:663
ID	1592
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SFLOW

Name/CLI Keyword	sflow
Full Name	Sflow Traffic Monitoring
Description	sFlow is a technology for monitoring network, wireless, and host devices.
Reference	http://en.wikipedia.org/wiki/SFlow
Global ID	L4:6343
ID	1364
Known Mappings	
UDP Port	6343
TCP Port	6343
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SFS-CONFIG

Name/CLI Keyword	sfs-config
Full Name	Cray SFS config server
Description	SFS config server is part of the Shared File Systems (SFS) is a high performance, HIPPI-based common ?le system which is shared among CRI UNICOS systems only.
Reference	https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF
Global ID	L4:452
ID	367
Known Mappings	
UDP Port	452
TCP Port	452
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SFS-SMP-NET

Name/CLI Keyword	sfs-smp-net
Full Name	Cray Network Semaphore server
Description	Registered with IANA on port 451 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:451
ID	366
Known Mappings	
UDP Port	451
TCP Port	451
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SFTP

Name/CLI Keyword	sftp
Full Name	Simple File Transfer Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc913.txt
Global ID	L4:115
ID	985
Known Mappings	
UDP Port	115
TCP Port	115
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SGCP

Name/CLI Keyword	sgcp
Full Name	sgcp
Description	sgcp, Registered with IANA on port 440 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:440
ID	355
Known Mappings	
UDP Port	440
TCP Port	440
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SGMP

Name/CLI Keyword	sgmp
Full Name	Simple Gateway Monitoring Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc1028.txt
Global ID	L4:153
ID	1000
Known Mappings	
UDP Port	153
TCP Port	153
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SGMP-TRAPS

Name/CLI Keyword	sgmp-traps
Full Name	SGMP-TRAPS
Description	SGMP-TRAPS, Registered with IANA on port 160 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:160
ID	1006
Known Mappings	
UDP Port	160
TCP Port	160
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SHARE

Name/CLI Keyword	share
Full Name	Share
Description	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.
Reference	http://en.wikipedia.org/wiki/Share_%28P2P%29
Global ID	L7:576
ID	1515
Known Mappings	
UDP Port	-
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	-
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	-
Sub Category	-
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SHARE-POINT

Name/CLI Keyword	share-point
Full Name	SharePoint
Description	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.
Reference	http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx
Global ID	L7:488
ID	1417
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	rich-media-http-content
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

SHELL

Name/CLI Keyword	shell
Full Name	shell
Description	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.
Reference	http://www.bell-labs.com/history/unix/tutorial.html
Global ID	L4:514
ID	430
Known Mappings	
UDP Port	
TCP Port	514
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SHOCKWAVE

Name/CLI Keyword	shockwave
Full Name	Adobe Shockwave
Description	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.
Reference	http://www.adobe.com/products/shockwaveplayer/
Global ID	L4:1626
ID	707
Known Mappings	
UDP Port	1626
TCP Port	1626
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	enterprise-rich-media-content
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SHOUTCAST

Name/CLI Keyword	shoutcast
Full Name	SHOUTcast Internet Radio
Description	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.
Reference	http://www.shoutcast.com/
Global ID	L7:544
ID	1478
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

SHOWMYPC

Name/CLI Keyword	showmypc
Full Name	showmypc
Description	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.
Reference	https://showmypc.com/
Global ID	L7:534
ID	1468
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns

SHRINKWRAP

Name/CLI Keyword	shrinkwrap
Full Name	Shrinkwrap
Description	Registered with IANA on port 358 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:358
ID	274
Known Mappings	
UDP Port	358
TCP Port	358
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SIAM

Name/CLI Keyword	siam
Full Name	Siam
Description	Registered with IANA on port 498 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:498
ID	412
Known Mappings	
UDP Port	498
TCP Port	498
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SIEBEL-CRM

Name/CLI Keyword	siebel-crm
Full Name	Siebel CRM
Description	Oracle Social CRM combines traditional enterprise CRM capabilities with social networking and Web 2.0 technologies. The applications are designed to reflect the way sales people work by helping them identify qualified leads, develop sales campaigns, and collaborate with colleagues.
Reference	http://www.oracle.com/us/products/applications/crmondemand/index.html
Global ID	L7:1174
ID	1174
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,dns,quic

SIFT-UFT

Name/CLI Keyword	sift-uft
Full Name	Sender-Initiated/Unsolicited File Transfer
Description	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 ordeferred operation, though it may be carried out immediately, eveninteractively.
Reference	http://tools.ietf.org/html/rfc1440
Global ID	L4:608
ID	517
Known Mappings	
UDP Port	608
TCP Port	608
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SILC

Name/CLI Keyword	silc
Full Name	Secure Internet Live Conferencing
Description	Secure Internet Live Conferencing (SILC) is a protocol that provides secure synchronous conferencing services (very much like IRC) over the Internet.
Reference	http://www.silcnet.org/
Global ID	L4:706
ID	610
Known Mappings	
UDP Port	706
TCP Port	706
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SIP

Name/CLI Keyword	sip
Full Name	Session Initiation Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc3261.txt
Global ID	L4:5060
ID	65
Known Mappings	
UDP Port	3478, 5060
TCP Port	3478,5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat

SIP-TLS

Name/CLI Keyword	sip-tls
Full Name	Secure SIP
Description	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.
Reference	http://www.privatewave.com/pages/viewpage.action?pageId=5406766
Global ID	L4:5061
ID	1428
Known Mappings	
UDP Port	5061
TCP Port	443,5061
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	Yes
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SIRI

Name/CLI Keyword	siri
Full Name	Siri
Description	Siri is a personal voice assistant. It uses a natural language user interface to answer questions, make recommendations, and perform actions by delegating requests to a set of web services.
Reference	https://www.apple.com/siri/
Global ID	L7:1096
ID	1096
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

SITARADIR

Name/CLI Keyword	sitaradir
Full Name	Sitara Dir
Description	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.
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	L4:2631
ID	710
Known Mappings	
UDP Port	2631
TCP Port	2631
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SITARAMGMT

Name/CLI Keyword	sitaramgmt
Full Name	Sitara Management
Description	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.
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	L4:2630
ID	709
Known Mappings	
UDP Port	2630
TCP Port	2630
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SITARASERVER

Name/CLI Keyword	sitaraserver
Full Name	Sitara Server
Description	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.
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	L4:2629
ID	708
Known Mappings	
UDP Port	2629
TCP Port	2629
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SIXTOFOUR-IPV6-TUNNELED

Name/CLI Keyword	sixtofour-ipv6-tunneled
Full Name	Sixtofour IPv6 Tunneled
Description	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.
Reference	http://tools.ietf.org/html/rfc3056
Global ID	L7:330
ID	1223
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

SKINNY

Name/CLI Keyword	skinny
Full Name	Skinny Call Control Protocol
Description	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.
Reference	http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html
Global ID	L7:63
ID	63
Known Mappings	
UDP Port	
TCP Port	2000,2001,2002
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SKIP

Name/CLI Keyword	skip
Full Name	Simple Key-Management for Internet Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol
Global ID	L3:57
ID	811
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	57
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SKRONK

Name/CLI Keyword	skronk
Full Name	Skronk
Description	Registered with IANA on port 460 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:460
ID	374
Known Mappings	
UDP Port	460
TCP Port	460
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SKYDRIVE

Name/CLI Keyword	skydrive
Full Name	Microsoft SkyDrive
Description	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.
Reference	http://windows.microsoft.com/en-us/skydrive/download
Global ID	L7:562
ID	1499
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SKYPE

Name/CLI Keyword	skype
Full Name	Skype
Description	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.
Reference	http://www.skype.com
Global ID	L7:83
ID	83
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353, 33033
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	skype-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	Yes
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	dns,http,ssl

SKY-NEWS

Name/CLI Keyword	sky-news
Full Name	Sky.com
Description	Sky.com - Web portal for news.
Reference	http://sky.com
Global ID	L7:786
ID	1714
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SLACK

Name/CLI Keyword	slack
Full Name	Slack
Description	Slack is a cloud-based set of proprietary team collaboration tools and services.
Reference	https://slack.com/about
Global ID	L7:1217
ID	1217
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	social-networking
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

SLACK-MEDIA

Name/CLI Keyword	slack-media
Full Name	Slack Media
Description	Slack media streaming services.
Reference	https://slack.com/about
Global ID	L7:1218
ID	1218
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	social-networking
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	slack,rtp,web-rtc,stun-nat

SLATE-MAGAZINE

Name/CLI Keyword	slate-magazine
Full Name	Slate Magazine
Description	Slate Magazine - Online daily magazine.
Reference	http://slate.com
Global ID	L7:720
ID	1650
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SLICKDEALS

Name/CLI Keyword	slickdeals
Full Name	Slickdeals
Description	Slickdeals - An online coupons and deals website
Reference	http://slickdeals.net
Global ID	L7:673
ID	1603
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SLING

Name/CLI Keyword	sling
Full Name	Sling
Description	Sling is a protocol used for the Slingbox TV streaming device. It works with a broadband internet connection over HTTP.
Reference	http://www.slingbox.com/
Global ID	L7:440
ID	892
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

SM

Name/CLI Keyword	sm
Full Name	SM
Description	Registered with IANA as IP Protocol 122
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:122
ID	876
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	122
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMAKYNET

Name/CLI Keyword	smakynet
Full Name	SMAKYNET
Description	Registered with IANA on port 122 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:122
ID	991
Known Mappings	
UDP Port	122
TCP Port	122
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMARTPACKETS

Name/CLI Keyword	smartpackets
Full Name	EMC SmartPackets
Description	Registered with IANA on port 3218 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:3218
ID	1342
Known Mappings	
UDP Port	3218
TCP Port	3218
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	backup-systems
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMARTSDP

Name/CLI Keyword	smartsdp
Full Name	smartsdp
Description	Registered with IANA on port 426 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:426
ID	341
Known Mappings	
UDP Port	426
TCP Port	426
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMP

Name/CLI Keyword	smp
Full Name	Simple Message Protocol
Description	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.
Reference	http://rdos.net/smp/smp.txt
Global ID	L3:121
ID	875
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	121
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMPNAMERES

Name/CLI Keyword	smpnameres
Full Name	smpnameres
Description	Registered with IANA on port 901 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:901
ID	664
Known Mappings	
UDP Port	901
TCP Port	901
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMSD

Name/CLI Keyword	smsd
Full Name	smsd
Description	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.
Reference	http://h30097.www3.hp.com/docs/base_doc/DOCUMENTATION/V51B_HTML/MAN/MAN8/0252___.HTM
Global ID	L4:596
ID	510
Known Mappings	
UDP Port	596
TCP Port	596
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMSP

Name/CLI Keyword	smsp
Full Name	Storage Management Services Protocol
Description	Registered with IANA on port 413 UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:413
ID	328
Known Mappings	
UDP Port	413
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SMTP

Name/CLI Keyword	smtp
Full Name	Simple Mail Transfer Protocol
Description	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
Reference	http://james.apache.org/server/rfclist/smtp/rfc0821.txt
Global ID	L4:25
ID	71
Known Mappings	
UDP Port	25
TCP Port	21,25,587,21000
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ftp

SMUX

Name/CLI Keyword	smux
Full Name	SNMP Multiplexing
Description	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.
Reference	http://www.ietf.org/rfc/rfc1227.txt
Global ID	L4:199
ID	1097
Known Mappings	
UDP Port	199
TCP Port	199
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNAGAS

Name/CLI Keyword	snagas
Full Name	SNA Gateway Access Server
Description	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.
Reference	http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm
Global ID	L4:108
ID	979
Known Mappings	
UDP Port	108
TCP Port	108
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNAPCHAT

Name/CLI Keyword	snapchat
Full Name	Snapchat
Description	Snapchat is a multimedia messaging app.
Reference	https://www.snapchat.com
Global ID	L7:1242
ID	1242
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	>http,ssl,dns

SNARE

Name/CLI Keyword	snare
Full Name	System iNtrusion Analysis and Reporting Environment
Description	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.
Reference	http://en.wikipedia.org/wiki/Snare_(software)
Global ID	L4:509
ID	423
Known Mappings	
UDP Port	509
TCP Port	509
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

S-NET

Name/CLI Keyword	s-net
Full Name	Sirius Systems
Description	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.
Reference	http://www.siriussystems.net/
Global ID	L4:166
ID	1011
Known Mappings	
UDP Port	166
TCP Port	166
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNMP

Name/CLI Keyword	snmp
Full Name	Simple Network Management Protocol
Description	Simple Network Management Protocol (SNMP) is a protocol used for a TCP/IP network management. It collects data about the nework enteties and distributes it among them. Typically the protocol uses TCP/UDP ports 161-162.
Reference	http://www.ietf.org/rfc/rfc1157.txt
Global ID	L4:161
ID	38
Known Mappings	
UDP Port	161,162
TCP Port	161,162
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNP

Name/CLI Keyword	snp
Full Name	Sitara Network Protocol
Description	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.
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	L3:109
ID	863
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	109
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNPP

Name/CLI Keyword	snpp
Full Name	Simple Network Paging Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc1861.txt
Global ID	L4:444
ID	359
Known Mappings	
UDP Port	444
TCP Port	444
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SNTP-HEARTBEAT

Name/CLI Keyword	sntp-heartbeat
Full Name	Simple Network Time Protocol Heartbeat
Description	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.
Reference	http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00
Global ID	L4:580
ID	494
Known Mappings	
UDP Port	580
TCP Port	580
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SOCKS

Name/CLI Keyword	socks
Full Name	SOCKS
Description	SOCKet Secure (SOCKS) is an Internet protocol that facilitates the routing of network packets between client server applications via a proxy server.
Reference	http://www.ietf.org/rfc/rfc1928.txt
Global ID	L4:1080
ID	39
Known Mappings	
UDP Port	1080
TCP Port	1080
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Traffic-class	network-control
Tunnel	Yes
Underlying Protocols	-

SOHU-COM

Name/CLI Keyword	sohu-com
Full Name	Sohu.com
Description	Sohu.com - Chinese search engine with other services like games and advertising
Reference	http://sohu.com
Global ID	L7:466
ID	259
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SOFTPC

Name/CLI Keyword	softpc
Full Name	SoftPC
Description	SoftPC is a software emulator of x86 hardware by Insignia that runs MS-DOS on UNIX workstations and Windows on MAC OS.
Reference	http://en.wikipedia.org/wiki/SoftPC
Global ID	L4:215
ID	1112
Known Mappings	
UDP Port	215
TCP Port	215
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SOFTROS-MESSENGER-FT

Name/CLI Keyword	softros-messenger-ft
Full Name	Softros LAN Messenger and File Transfer
Description	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.
Reference	http://messenger.softros.com
Global ID	L4:19880
ID	1365
Known Mappings	
UDP Port	
TCP Port	19880
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	file-sharing
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SONAR

Name/CLI Keyword	sonar
Full Name	Sonar
Description	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.
Reference	http://tools.ietf.org/html/draft-moore-sonar-01
Global ID	L4:572
ID	486
Known Mappings	
UDP Port	572
TCP Port	572
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SONGSARI

Name/CLI Keyword	songsari
Full Name	Songsari
Description	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.
Reference	http://www.songsari.com/
Global ID	L7:450
ID	1094
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

SOPCAST

Name/CLI Keyword	sopcast
Full Name	SopCast
Description	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.
Reference	http://www.sopcast.org/
Global ID	L7:429
ID	116
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

SORIBADA

Name/CLI Keyword	soribada
Full Name	Soribada
Description	The Soribada protocol is used by the Soribada file-sharing application popular in Korea. It also has paid services for MP3 file downloading.
Reference	http://kpop.soribada.com/En/
Global ID	L7:438
ID	842
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

SOULSEEK

Name/CLI Keyword	soulseek
Full Name	Soulseek
Description	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.
Reference	http://www.slsknet.org/
Global ID	L7:267
ID	431
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SOURCEFORGE

Name/CLI Keyword	sourceforge
Full Name	SourceForge
Description	SourceForge, web-based open source application repository and software directory.
Reference	https://www.sourceforge.net
Global ID	L7:1200
ID	1200
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,dns

SOUTHWEST-AIRLINES

Name/CLI Keyword	southwest-airlines
Full Name	Southwest Airlines
Description	Southwest Airlines - Airlines service in United States.
Reference	http://southwest.com
Global ID	L7:729
ID	1659
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SPEEDTEST

Name/CLI Keyword	speedtest
Full Name	Speedtest
Description	Speedtest - Test the download and upload speed of the internet.
Reference	http://speedtest.net
Global ID	L7:692
ID	1622
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SPIEGEL-ONLINE

Name/CLI Keyword	spiegel-online
Full Name	Spiegel Online
Description	Spiegel Online - Web portal for the Germans magazine Der Speigel.
Reference	http://spiegel.de
Global ID	L7:678
ID	1608
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SPDY

Name/CLI Keyword	spdy
Full Name	SPDY
Description	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.
Reference	http://dev.chromium.org/spdy
Global ID	L7:541
ID	1474
Known Mappings	
UDP Port	-
TCP Port	443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	ssl

SPLUNK

Name/CLI Keyword	splunk
Full Name	Splunk
Description	Splunk is a platform for collecting and analyzing machine-generated big data in an enterprise IT environment.
Reference	http://www.splunk.com
Global ID	L7:1084
ID	1084
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

SPMP

Name/CLI Keyword	spmp
Full Name	SPMP
Description	Registered with IANA on port 656 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:656
ID	565
Known Mappings	
UDP Port	656
TCP Port	656
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SPOTIFY

Name/CLI Keyword	spotify
Full Name	Spotify
Description	Spotify is a commercial music streaming service providing digital rights management (DRM)-restricted content from record labels, including Sony, EMI, Warner Music Group and Universal. Users can browse for music, or search by artist, album, genre, playlist, or record label. Paid "Premium" subscriptions remove advertisements and allow users to download music to listen offline.
Reference	http://www.spotify.com/
Global ID	L7:1165
ID	1165
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	http,ssl,rtmp,dns

SPRITE-RPC

Name/CLI Keyword	sprite-rpc
Full Name	Sprite RPC Protocol
Description	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.
Reference	http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf
Global ID	L3:90
ID	844
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	90
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SPS

Name/CLI Keyword	sps
Full Name	Secure Packet Shield
Description	Secure Packet Shield (SPS) is an internet security protocol designed in 1998 for use in Fortress Technologies products as an alternative to IPSEC.
Reference	http://www.thefreelibrary.com/Secure+Packet+Shield+Technology+Provides+More+Robust+Alternative+to.-a050265191
Global ID	L3:130
ID	1228
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	130
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SPSC

Name/CLI Keyword	spsc
Full Name	spsc
Description	Registered with IANA on port 478 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:478
ID	392
Known Mappings	
UDP Port	478
TCP Port	478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SQLEXEC

Name/CLI Keyword	sqlexec
Full Name	IBM Informix SQL Interface
Description	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.
Reference	http://www-01.ibm.com/software/data/informix/tools/isql/
Global ID	L4:9088
ID	90
Known Mappings	
UDP Port	9088
TCP Port	9088
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SQLI

Name/CLI Keyword	sqli
Full Name	SQLI
Description	The SQLI (Structured Query Language Interface) protocol is a proprietary protocol used by IBM Informix servers.
Reference	https://www.ibm.com/support/knowledgecenter/en/SSGU8G_12.1.0/com.ibm.jdbc_pg.doc/ids_jdbc_038.htm
Global ID	L7:1149
ID	1149
Known Mappings	
UDP Port	-
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http

SQLNET

Name/CLI Keyword	sqlnet
Full Name	SQLNet
Description	SQL*NET is a client-server middleware used to transfer information between databases and between database to clients.
Reference	http://www.orafaq.com/wiki/SQL*Net
Global ID	L4:1700
ID	51
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SQL-NET

Name/CLI Keyword	sql-net
Full Name	SQL-NET
Description	SQL*Net (or Net8) is a networking software developed by Oracle. It allows remote data-access between programs and the Oracle Database.
Reference	http://www.orafaq.com/wiki/SQL*Net
Global ID	L4:150
ID	978
Known Mappings	
UDP Port	150
TCP Port	150
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

SQLSERV

Name/CLI Keyword	sqlserv
Full Name	REAL SQL Server
Description	REAL Serveris arelational database management system(RDBMS) built on top of the sqlite database engine.
Reference	http://en.wikipedia.org/wiki/REAL_Server
Global ID	L4:118
ID	988
Known Mappings	
UDP Port	118
TCP Port	118
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SQLSERVER

Name/CLI Keyword	sqlserver
Full Name	Microsoft SQL Server
Description	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.
Reference	http://technet.microsoft.com/en-us/sqlserver/default
Global ID	L4:1433
ID	25
Known Mappings	
UDP Port	1433
TCP Port	1433
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	cifs

SQLSRV

Name/CLI Keyword	sqlsrv
Full Name	SQL Service
Description	Registered with IANA on port 156 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:156
ID	684
Known Mappings	
UDP Port	156
TCP Port	156
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SRC

Name/CLI Keyword	src
Full Name	IBM System Resource Controller
Description	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.
Reference	http://pic.dhe.ibm.com/infocenter/aix/v6r1/index.jsp?topic=%2Fcom.ibm.aix.baseadmn%2Fdoc%2Fbaseadmndita%2Fsysresconfm
Global ID	L4:200
ID	1098
Known Mappings	
UDP Port	200
TCP Port	200
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SRMP

Name/CLI Keyword	srmp
Full Name	Spider Remote Monitoring Protocol
Description	Registered with IANA on port 193 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:193
ID	1039
Known Mappings	
UDP Port	193
TCP Port	193
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SRP

Name/CLI Keyword	srp
Full Name	SpectraLink Radio Protocol
Description	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.
Reference	http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml
Global ID	L3:119
ID	873
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	119
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SRSSEND

Name/CLI Keyword	srssend
Full Name	SRS Send
Description	Registered with IANA on port 362 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:362
ID	278
Known Mappings	
UDP Port	362
TCP Port	362
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SS7NS

Name/CLI Keyword	ss7ns
Full Name	ss7ns
Description	Registered with IANA on port 477 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:477
ID	391
Known Mappings	
UDP Port	477
TCP Port	477
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SSCOPMCE

Name/CLI Keyword	sscopmce
Full Name	SSCOPMCE
Description	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.
Reference	http://www.itu.int/rec/T-REC-Q.2111/en
Global ID	L3:128
ID	1226
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	128
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SSH

Name/CLI Keyword	ssh
Full Name	Secure Shell
Description	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.
Reference	http://www.ietf.org/rfc/rfc4251.txt
Global ID	L4:22
ID	40
Known Mappings	
UDP Port	
TCP Port	22
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	-

SSHELL

Name/CLI Keyword	sshell
Full Name	SSLshell
Description	SSL Shell establishes a Secure Shell connection to a server and starts up the user's default shell.
Reference	http://www.nsoftware.com/products/component/sshell.aspx
Global ID	L4:614
ID	523
Known Mappings	
UDP Port	614
TCP Port	614
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

SSL

Name/CLI Keyword	ssl
Full Name	SSL
Description	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.
Reference	http://tools.ietf.org/html/rfc6101
Global ID	L7:453
ID	1312
Known Mappings	
UDP Port	443,5222
TCP Port	80, 110, 443, 5222
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	spdy,xmpp-client,http

SSL-LOCAL-NET

Name/CLI Keyword	ssl-local-net
Full Name	LOCAL NET SSL
Description	Local network generic SSL traffic. 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.
Reference	
Global ID	L7:813
ID	1744
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	dns,ssl

SST

Name/CLI Keyword	sst
Full Name	SCSI on ST
Description	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.
Reference	https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf
Global ID	L4:266
ID	1138
Known Mappings	
UDP Port	266
TCP Port	266
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-data-center-storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	tcp,udp

ST

Name/CLI Keyword	st
Full Name	Stream
Description	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.
Reference	http://tools.ietf.org/html/rfc1190
Global ID	L3:5
ID	761
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	5
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STACK-OVERFLOW

Name/CLI Keyword	stack-overflow
Full Name	Stack Overflow
Description	Stack Overflow - Question and Answering site for programmers.
Reference	http://stackoverflow.com
Global ID	L7:600
ID	264
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

STATSRV

Name/CLI Keyword	statsrv
Full Name	Statistics Server
Description	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.
Reference	http://tools.ietf.org/rfc/rfc996
Global ID	L4:133
ID	1162
Known Mappings	
UDP Port	133
TCP Port	133
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STATCOUNTER

Name/CLI Keyword	statcounter
Full Name	StatCounter
Description	StatCounter - Web traffic analyser.
Reference	http://statcounter.com
Global ID	L7:725
ID	1655
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

STATISTICAL-CONF-AUDIO

Name/CLI Keyword	statistical-conf-audio
Full Name	Statistical Conference Audio
Description	Statistical Conference Audio based on machine learning.
Reference	
Global ID	L7:1801
ID	1801
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	statistical-download

STATISTICAL-CONF-VIDEO

Name/CLI Keyword	statistical-conf-video
Full Name	Statistical Conference Video
Description	Statistical Conference Video based on machine learning.
Reference	
Global ID	L7:1800
ID	1800
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	statistical-download

STATISTICAL-DOWNLOAD

Name/CLI Keyword	statistical-download
Full Name	Statistical Download
Description	Statistical download based on machine learning.
Reference	
Global ID	L7:1888
ID	1888
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	statistical-download

STATISTICAL-P2P

Name/CLI Keyword	statistical-p2p
Full Name	Statistical Peer-to-Peer
Description	Statistical peer-to-peer based on machine learning.
Reference	
Global ID	L7:1889
ID	1889
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	statistical-download

STEAM

Name/CLI Keyword	steam
Full Name	Steam
Description	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.
Reference	http://store.steampowered.com/about/
Global ID	L7:472
ID	1401
Known Mappings	
UDP Port	[illegible]
TCP Port	[illegible]
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STMF

Name/CLI Keyword	stmf
Full Name	STMF
Description	Registered with IANA on port 501 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:501
ID	415
Known Mappings	
UDP Port	501
TCP Port	501
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STREAMWORK

Name/CLI Keyword	streamwork
Full Name	StreamWork
Description	DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match. 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.
Reference	http://www.sapstreamwork.com/how-it-works
Global ID	L7:427
ID	55
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STREETTALK

Name/CLI Keyword	streettalk
Full Name	streettalk
Description	Registered with IANA on port 566 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:566
ID	481
Known Mappings	
UDP Port	566
TCP Port	566
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	banyan-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STUN-NAT

Name/CLI Keyword	stun-nat
Full Name	Stun NAT
Description	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.
Reference	http://tools.ietf.org/html/rfc5389
Global ID	L4:3478
ID	894
Known Mappings	
UDP Port	3478
TCP Port	443,3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	stun-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl

STUNS

Name/CLI Keyword	stuns
Full Name	STUN over TLS
Description	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.
Reference	http://tools.ietf.org/html/rfc5389
Global ID	L4:5349
ID	1321
Known Mappings	
UDP Port	5349
TCP Port	5349
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	stun-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

STX

Name/CLI Keyword	stx
Full Name	Stock IXChange
Description	Registered with IANA on port 527 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:527
ID	445
Known Mappings	
UDP Port	527
TCP Port	527
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUBMISSION

Name/CLI Keyword	submission
Full Name	Mail Submission Agent
Description	Amail submission agent(MSA) is acomputer programorsoftware agentthat receiveselectronic mailmessages from amail user agent(MUA) and cooperates with amail transfer agent(MTA) for delivery of the mail. It uses a variant of theSimple Mail Transfer Protocol(SMTP).
Reference	http://en.wikipedia.org/wiki/Mail_submission_agent
Global ID	L4:587
ID	501
Known Mappings	
UDP Port	587
TCP Port	587
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUBMIT

Name/CLI Keyword	submit
Full Name	Submit Protocol
Description	Registered with IANA on port 773 TCP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:773
ID	643
Known Mappings	
UDP Port	
TCP Port	773
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUBNTBCST_TFTP

Name/CLI Keyword	subntbcst_tftp
Full Name	SUBNTBCST_TFTP
Description	Registered with IANA on port 247 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:247
ID	1127
Known Mappings	
UDP Port	247
TCP Port	247
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tftp-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUGARCRM

Name/CLI Keyword	surgarcrm
Full Name	SugarCRM
Description	SugarCRM is a Cupertino, California-based company that produces the web application, Sugar, a customer relationship management (CRM) system.
Reference	https://www.sugarcrm.com/
Global ID	L7:1196
ID	1196
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

SU-MIT-TG

Name/CLI Keyword	su-mit-tg
Full Name	SU/MIT Telnet Gateway
Description	SU/MIT Telnet Gateway is used to enable users to telnet between networks running different protocols.
Reference	http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html
Global ID	L4:89
ID	960
Known Mappings	
UDP Port	89
TCP Port	89
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUN-DR

Name/CLI Keyword	sun-dr
Full Name	SUNDR
Description	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. SUNDRs protocol achieves a property called fork consistency, which guarantees that clients can detect any integrity or consistency failures as long as they see each others file modifications. An implementation is described that performs comparably with NFS (sometimes better and sometimes worse), while offering significantly stronger security.
Reference	http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf
Global ID	L4:665
ID	573
Known Mappings	
UDP Port	665
TCP Port	665
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUN-ND

Name/CLI Keyword	sun-nd
Full Name	SUN ND PROTOCOL-Temporary
Description	Registered with IANA as IP Protocol 77
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:77
ID	831
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	77
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUNRPC

Name/CLI Keyword	sunrpc
Full Name	Sun Remote Procedure Call
Description	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.
Reference	http://www.ietf.org/rfc/rfc1057.txt
Global ID	L4:111
ID	54
Known Mappings	
UDP Port	111
TCP Port	111
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUPDUP

Name/CLI Keyword	supdup
Full Name	SUPDUP
Description	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.
Reference	http://dspace.mit.edu/handle/1721.1/5694
Global ID	L4:95
ID	966
Known Mappings	
UDP Port	95
TCP Port	95
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SURF

Name/CLI Keyword	surf
Full Name	Speeded Up Robust Feature
Description	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.
Reference	http://en.wikipedia.org/wiki/SURF
Global ID	L4:1010
ID	681
Known Mappings	
UDP Port	1010
TCP Port	1010
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SUR-MEAS

Name/CLI Keyword	sur-meas
Full Name	Survey Measurement
Description	Registered with IANA on port 243 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:243
ID	1123
Known Mappings	
UDP Port	243
TCP Port	243
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SVN

Name/CLI Keyword	svn
Full Name	Version control system
Description	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).
Reference	http://subversion.apache.org/
Global ID	L4:3690
ID	1366
Known Mappings	
UDP Port	3690
TCP Port	3690
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	file-sharing
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SVRLOC

Name/CLI Keyword	svrloc
Full Name	Server Location
Description	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.
Reference	http://www.ietf.org/rfc/rfc2608.txt
Global ID	L4:427
ID	342
Known Mappings	
UDP Port	427
TCP Port	427
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SWIFT-RVF

Name/CLI Keyword	swift-rvf
Full Name	Swift Remote Virtural File Protocol
Description	Registered with IANA on port 97 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:97
ID	968
Known Mappings	
UDP Port	97
TCP Port	97
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	storage
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SWAGBUCKS

Name/CLI Keyword	swagbucks
Full Name	Swagbucks
Description	Swagbucks - Online rewards program.
Reference	http://swagbucks.com
Global ID	L7:767
ID	1697
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

SWIPE

Name/CLI Keyword	swipe
Full Name	Swipe
Description	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.
Reference	http://www.crypto.com/papers/swipe.id.txt
Global ID	L3:53
ID	807
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	53
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYBASE

Name/CLI Keyword	sybase
Full Name	Sybase
Description	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.
Reference	http://www.sybase.com/products/databasemanagement
Global ID	L4:1498
ID	1390
Known Mappings	
UDP Port	1498,2439,2638,4950
TCP Port	1498,2439,2638,4950
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYNERGY

Name/CLI Keyword	synergy
Full Name	Computer Resources Sharing Application
Description	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
Reference	http://synergy-foss.org
Global ID	L4:24800
ID	1367
Known Mappings	
UDP Port	
TCP Port	24800
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data.
Tunnel	No
Underlying Protocols	tcp,udp

SYNOPTICS-TRAP

Name/CLI Keyword	synoptics-trap
Full Name	SynOptics Trap Convention Port
Description	Registered with IANA on port 412 UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:412
ID	327
Known Mappings	
UDP Port	412
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYNOTICS-BROKER

Name/CLI Keyword	synotics-broker
Full Name	SynOptics SNMP Broker Port
Description	Registered with IANA on port 392 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:392
ID	308
Known Mappings	
UDP Port	392
TCP Port	392
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYNOTICS-RELAY

Name/CLI Keyword	synotics-relay
Full Name	SynOptics SNMP Relay Port
Description	Registered with IANA on port 391 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:391
ID	307
Known Mappings	
UDP Port	391
TCP Port	391
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYSLOG

Name/CLI Keyword	syslog
Full Name	Syslog
Description	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)
Reference	http://tools.ietf.org/html/rfc5424
Global ID	L7:41
ID	41
Known Mappings	
UDP Port	514
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

SYSTAT

Name/CLI Keyword	systat
Full Name	SYSTAT Statistical Analysis Software
Description	SYSTAT is a statistical analysis and graphics software package.
Reference	http://www.systat.com/
Global ID	L4:11
ID	102
Known Mappings	
UDP Port	11
TCP Port	11
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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TACACS

Name/CLI Keyword	tacacs
Full Name	Terminal Access Controller Access-Control System
Description	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.
Reference	http://tools.ietf.org/html/draft-grant-tacacs-02
Global ID	L4:49
ID	112
Known Mappings	
UDP Port	49,65
TCP Port	49,65
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TACNEWS

Name/CLI Keyword	tacnews
Full Name	TAC News
Description	Registered with IANA on port 98 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:98
ID	969
Known Mappings	
UDP Port	98
TCP Port	98
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TAGGED-COM

Name/CLI Keyword	tagged-com
Full Name	Tagged
Description	Tagged - Social networking site based in California.
Reference	http://tagged.com
Global ID	L7:798
ID	1726
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TALK

Name/CLI Keyword	talk
Full Name	talk
Description	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.
Reference	http://manpages.ubuntu.com/manpages/precise/en/man1/talk.1posix.html
Global ID	L4:517
ID	434
Known Mappings	
UDP Port	517
TCP Port	517
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TAPEWARE

Name/CLI Keyword	tapeware
Full Name	Yosemite Tech Tapeware
Description	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.
Reference	http://en.wikipedia.org/wiki/Tapeware
Global ID	L4:3817
ID	1372
Known Mappings	
UDP Port	3817
TCP Port	3817
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	backup-systems
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TARINGA

Name/CLI Keyword	taringa
Full Name	Taringa
Description	Taringa - Argentinian Social network.
Reference	http://taringa.net
Global ID	L7:787
ID	1715
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TCF

Name/CLI Keyword	tcf
Full Name	TCF
Description	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.
Reference	http://wiki.eclipse.org/DSDP/TM/TCF_FAQ
Global ID	L3:87
ID	841
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	87
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TCPOVERDNS

Name/CLI Keyword	tcpoverdns
Full Name	tcp tunneled over dns
Description	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.
Reference	http://analogbit.com/software/tcp-over-dns
Global ID	L7:331
ID	1042
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	dns

TD-REPLICA

Name/CLI Keyword	td-replica
Full Name	Tobit David Replica
Description	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) os a mail access server that also provides other services, such as: fax, voice and document management.
Reference	http://www.tobit.com
Global ID	L4:268
ID	1140
Known Mappings	
UDP Port	268
TCP Port	268
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TD-SERVICE

Name/CLI Keyword	td-service
Full Name	Tobit David Service Layer
Description	Tobit software provides different kinds of communication solutions, including Faxing software, email, fax, voice, SMS and more.
Reference	http://www.tobit.com/
Global ID	L4:267
ID	1139
Known Mappings	
UDP Port	267
TCP Port	267
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEAMSOUND

Name/CLI Keyword	teamsound
Full Name	TeamSound
Description	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.
Reference	http://www.fileol.com/audio-and-video/teamsound-5.6.html
Global ID	L4:40001
ID	1391
Known Mappings	
UDP Port	40001,40002,40003,40004,40011
TCP Port	40001,40011
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEAMSPEAK

Name/CLI Keyword	teamspeak
Full Name	Teamspeak
Description	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.
Reference	http://teamspeak.com/
Global ID	L7:447
ID	1072
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEAMVIEWER

Name/CLI Keyword	teamviewer
Full Name	remote access and desktop sharing
Description	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.
Reference	http://www.teamviewer.com/en/index.aspx
Global ID	L7:494
ID	1430
Known Mappings	
UDP Port	-
TCP Port	80
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TED

Name/CLI Keyword	ted
Full Name	TED
Description	TED - Conference and Talk show to share ideas.
Reference	http://ted.com
Global ID	L7:768
ID	1698
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TEEDTAP

Name/CLI Keyword	teedtap
Full Name	Teedtap
Description	Registered with IANA on port 559 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:559
ID	474
Known Mappings	
UDP Port	559
TCP Port	559
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TELEGRAPH

Name/CLI Keyword	telegraph
Full Name	The Telegraph
Description	The Telegraph - Online news portal.
Reference	http://telegraph.co.uk
Global ID	L7:666
ID	1595
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TELEPRESENCE-AUDIO

Name/CLI Keyword	telepresence-audio
Full Name	Telepresence Voice
Description	Cisco Telepresence Voice.
Reference	http://ciscospark.com
Global ID	L7:816
ID	1758
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony
Tunnel	No
Underlying Protocols	-

TELEPRESENCE-CONTROL

Name/CLI Keyword	telepresence-control
Full Name	Telepresence Control
Description	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.
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	L7:114
ID	114
Known Mappings	
UDP Port	53,5060,5353'
TCP Port	53,80,443,5060,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	sip, rtp

TELEPRESENCE-MEDIA

Name/CLI Keyword	telepresence-media
Full Name	Telepresence Media
Description	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.
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	L7:113
ID	113
Known Mappings	
UDP Port	5060
TCP Port	5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	real-time-interactive. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	sip, rtp

TELL

Name/CLI Keyword	tell
Full Name	tell
Description	Registered with IANA on port 754 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:754
ID	629
Known Mappings	
UDP Port	754
TCP Port	754
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TELNET

Name/CLI Keyword	telnet
Full Name	Telnet
Description	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.
Reference	http://www.faqs.org/rfcs/rfc854.html
Global ID	L4:23
ID	42
Known Mappings	
UDP Port	23
TCP Port	23
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEMPO

Name/CLI Keyword	tempo
Full Name	tempo
Description	Registered with IANA on port 526 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:526
ID	444
Known Mappings	
UDP Port	526
TCP Port	526
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TENFOLD

Name/CLI Keyword	tenfold
Full Name	TenFold
Description	Registered with IANA on port 658 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:658
ID	567
Known Mappings	
UDP Port	658
TCP Port	658
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEREDO-IPV6-TUNNELED

Name/CLI Keyword	teredo-ipv6-tunneled
Full Name	Teredo IPv6 Tunneled
Description	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.
Reference	http://tools.ietf.org/html/rfc4380
Global ID	L7:326
ID	1219
Known Mappings	
UDP Port	3544
TCP Port	3544
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	-

TESLA-SYS-MSG

Name/CLI Keyword	tesla-sys-msg
Full Name	TESLA System Messaging
Description	Registered with IANA on port 7631 TCP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:7631
ID	1392
Known Mappings	
UDP Port	
TCP Port	7631
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TEXAR

Name/CLI Keyword	texar
Full Name	Texar Security Port
Description	Registered with IANA on port 333 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:333
ID	869
Known Mappings	
UDP Port	333
TCP Port	333
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TESCO

Name/CLI Keyword	tesco
Full Name	Tesco.com
Description	Tesco.com - General E-commerce website.
Reference	http://tesco.com
Global ID	L7:644
ID	1573
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TFTP

Name/CLI Keyword	tftp
Full Name	Trivial File Transfer Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc1350.txt
Global ID	L4:69
ID	48
Known Mappings	
UDP Port	69
TCP Port	
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	tftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	dhcp

THE-ATLANTIC

Name/CLI Keyword	the-atlantic
Full Name	The Atlantic
Description	The Atlantic - News portal.
Reference	http://theatlantic.com
Global ID	L7:776
ID	1706
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

THECHIVE

Name/CLI Keyword	thechive
Full Name	theCHIVE
Description	theCHIVE - Funny photos and videos.
Reference	http://thechive.com
Global ID	L7:463
ID	257
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

THE-DAILY-BEAST

Name/CLI Keyword	the-daily-beast
Full Name	The Daily Beast
Description	The Daily Beast - American news reporting and opinion website.
Reference	http://thedailybeast.com
Global ID	L7:789
ID	1717
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

THEFREEDICTIONARY-COM

Name/CLI Keyword	thefreedictionary-com
Full Name	The Free Dictionary
Description	The Free Dictionary - Online dictionary aggregator.
Reference	http://thefreedictionary.com
Global ID	L7:694
ID	1624
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

THE-PIRATE-BAY

Name/CLI Keyword	the-pirate-bay
Full Name	The Pirate Bay
Description	The Pirate Bay - BitTorrent index and search engine.
Reference	http://t-mobile.com
Global ID	L7:655
ID	1584
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TIANYA

Name/CLI Keyword	tianya
Full Name	Tianya
Description	Tianya - Chinese forum for blogging, microblogging and photo album services.
Reference	http://tianya.cn
Global ID	L7:672
ID	1602
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TICF-1

Name/CLI Keyword	ticf-1
Full Name	Transport Independent Convergence for FNA
Description	Registered with IANA on port 492 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:492
ID	406
Known Mappings	
UDP Port	492
TCP Port	492
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TICF-2

Name/CLI Keyword	ticf-2
Full Name	Transport Independent Convergence for FNA
Description	Registered with IANA on port 493 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:493
ID	407
Known Mappings	
UDP Port	493
TCP Port	493
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TIMBUKTU

Name/CLI Keyword	timbuktu
Full Name	Timbaktu Remote Control Software
Description	Timbuktu is a remote control software product developed by WOS Datasystems. Timbuktu is compatible with computers running both Mac OS X and Windows.
Reference	http://www.motorola.com/Video-Solutions/US-EN/Products-and-Services/Software/Remote-Access/Timbuktu+Pro_US-EN
Global ID	L4:407
ID	322
Known Mappings	
UDP Port	407
TCP Port	407
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TIME

Name/CLI Keyword	time
Full Name	Time
Description	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.
Reference	http://www.ietf.org/rfc/rfc868.txt
Global ID	L4:37
ID	105
Known Mappings	
UDP Port	37
TCP Port	37
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TIMED

Name/CLI Keyword	timed
Full Name	Timeserver
Description	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.
Reference	http://en.wikipedia.org/wiki/Time_server
Global ID	L4:525
ID	443
Known Mappings	
UDP Port	525
TCP Port	525
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TINC

Name/CLI Keyword	tinc
Full Name	tinc
Description	tinc is a Virtual Private Network (VPN) daemon that uses tunnelling and encryption to create a secure private network between hosts on the Internet.
Reference	http://www.tinc-vpn.org/
Global ID	L4:655
ID	564
Known Mappings	
UDP Port	655
TCP Port	655
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	tcp,udp

TLISRV

Name/CLI Keyword	tlisrv
Full Name	oracle
Description	Registered with IANA on port 1527 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:1527
ID	692
Known Mappings	
UDP Port	1527
TCP Port	1527
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TLSP

Name/CLI Keyword	tlsp
Full Name	Transport Layer Security Protocol
Description	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.
Reference	http://www.ietf.org/rfc/rfc5246.txt
Global ID	L3:56
ID	810
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	56
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TIME-NEWS

Name/CLI Keyword	time-news
Full Name	TIME.com
Description	TIME.com - Webportal for TIME Magazine
Reference	http://time.com
Global ID	L7:696
ID	1626
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TINYURL

Name/CLI Keyword	tinyurl
Full Name	TinyURL
Description	TinyURL - Shortens the long URL.
Reference	http://tinyurl.com
Global ID	L7:766
ID	1696
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

T-MOBILE-WEB-SERVICES

Name/CLI Keyword	t-mobile-web-services
Full Name	T Mobile
Description	T Mobile - Telecommunication and phone service provider.
Reference	http://t-mobile.com
Global ID	L7:792
ID	1720
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TMZ

Name/CLI Keyword	tmz
Full Name	TMZ
Description	TMZ - Entertainment news.
Reference	http://tmz.com
Global ID	L7:701
ID	1631
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TNETOS

Name/CLI Keyword	tnetos
Full Name	tnetos
Description	NEC Corporation
Reference	-
Global ID	L4:377
ID	293
Known Mappings	
UDP Port	377
TCP Port	377
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TNS-CML

Name/CLI Keyword	tns-cml
Full Name	TNS CML
Description	Registered with IANA on port 590 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:590
ID	504
Known Mappings	
UDP Port	590
TCP Port	590
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TN-TL-FD1

Name/CLI Keyword	tn-tl-fd1
Full Name	tn-tl-fd1
Description	Registered with IANA on port 476 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:476
ID	390
Known Mappings	
UDP Port	476
TCP Port	476
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TOMATOPANG

Name/CLI Keyword	tomatopang
Full Name	Tomatopang
Description	Tomatopang is a Korean peer to peer file-sharing application. It is based on peer to peer architecture.
Reference	http://www.tomatopang.net/
Global ID	L7:449
ID	1093
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TOR

Name/CLI Keyword	tor
Full Name	Tor
Description	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.
Reference	http://www.torproject.org/
Global ID	L7:460
ID	1319
Known Mappings	
UDP Port	-
TCP Port	80,443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	No
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	client-server
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http

TP++

Name/CLI Keyword	tp++
Full Name	TP++ Transport Protocol
Description	Registered with IANA as IP Protocol 39
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:39
ID	793
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	39
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic Class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TPIP

Name/CLI Keyword	tpip
Full Name	TPIP
Description	Registered with IANA on port 594 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:594
ID	508
Known Mappings	
UDP Port	594
TCP Port	594
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TRADESTATION

Name/CLI Keyword	tradestation
Full Name	Technical Analysis Software
Description	The TradeStation analysis and trading platform is a professional electronic trading platform for financial market traders.
Reference	http://www.tradestation.com/
Global ID	L4:11010
ID	1393
Known Mappings	
UDP Port	
TCP Port	11010,11020
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TRINOO

Name/CLI Keyword	trinoo
Full Name	trin00
Description	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.
Reference	http://en.wikipedia.org/wiki/Trinoo
Global ID	L4:27665
ID	1368
Known Mappings	
UDP Port	27444,31335
TCP Port	27665
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	trojan
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TORRENTZ

Name/CLI Keyword	torrentz
Full Name	Torrentz
Description	Torrentz - BitTorrent metasearch engine
Reference	http://torrentz.eu
Global ID	L7:657
ID	1586
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TRACEROUTE-LINUX

Name/CLI Keyword	traceroute-linux
Full Name	Traceroute Linux
Description	Linux traceroute command, which provides information about routes to a network host.
Reference	https://linux.die.net/man/8/traceroute
Global ID	L7:1199
ID	1199
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt
Tunnel	No
Underlying Protocols	-

TRULIA

Name/CLI Keyword	trulia
Full Name	Trulia
Description	Trulia - Online portal for Real Estate.
Reference	http://trulia.com
Global ID	L7:710
ID	1640
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TRUNK-1

Name/CLI Keyword	trunk-1
Full Name	Trunk-1
Description	Registered with IANA as IP Protocol 23
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:23
ID	777
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	23
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TRUNK-2

Name/CLI Keyword	trunk-2
Full Name	Trunk-2 Protocol
Description	Registered with IANA as IP Protocol 24
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:24
ID	778
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	24
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TSERVER

Name/CLI Keyword	tserver
Full Name	Computer Supported Telecomunication Applications
Description	Registered with IANA on port 450 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:450
ID	365
Known Mappings	
UDP Port	450
TCP Port	450
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TTP

Name/CLI Keyword	ttp
Full Name	TTP
Description	Registered with IANA as IP Protocol 84
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:84
ID	838
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	84
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

TUDOU

Name/CLI Keyword	tudou
Full Name	Tudou
Description	Tudou - Popular Chinese video sharing website.
Reference	http://tudou.com
Global ID	L7:630
ID	1559
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TUMBLR

Name/CLI Keyword	tumblr
Full Name	tumblr
Description	Tumblr is a microblogging and social networking website.
Reference	https://www.tumblr.com/
Global ID	L7:1241
ID	1241
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

TUNNEL-HTTP

Name/CLI Keyword	tunnel-http
Full Name	Tunnel HTTP
Description	Tunnel HTTP represents the granular protocols that are tunneled over HTTP.
Reference	-
Global ID	L7:435
ID	739
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	anonymizers
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data
Tunnel	Yes
Underlying Protocols	http

TUS-FILES

Name/CLI Keyword	tus-files
Full Name	TusFiles
Description	TusFiles is a cloud storage provider for online hosting and sharing of files.
Reference	http://www.tusfiles.net
Global ID	L4:1058
ID	1058
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	ssl,http,dns

TWITCH-TV

Name/CLI Keyword	twitch-tv
Full Name	TwitchTV
Description	TwitchTV - Justin.tv gaming specific livestreaming platform.
Reference	http://twitch.tv
Global ID	L7:648
ID	1577
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TWITTER

Name/CLI Keyword	twitter
Full Name	Twitter
Description	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 commonly_used, 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.
Reference	http://twitter.com/about
Global ID	L7:517
ID	1453
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	social-networking
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

TYPEPAD

Name/CLI Keyword	typepad
Full Name	TypePad
Description	TypePad - Blogging service website.
Reference	http://typepad.com
Global ID	L7:791
ID	1719
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

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UAAC

Name/CLI Keyword	uaac
Full Name	UAAC Protocol
Description	Registered with IANA on port 145 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:145
ID	946
Known Mappings	
UDP Port	145
TCP Port	145
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UARPS

Name/CLI Keyword	uarps
Full Name	Unisys ARPs
Description	Registered with IANA on port 219 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:219
ID	1116
Known Mappings	
UDP Port	219
TCP Port	219
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UDPLITE

Name/CLI Keyword	udplite
Full Name	UDP Lite
Description	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.
Reference	http://www.ietf.org/rfc/rfc3828.txt
Global ID	L3:136
ID	1234
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	136
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UIS

Name/CLI Keyword	uis
Full Name	UIS
Description	Registered with IANA on port 390 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:390
ID	306
Known Mappings	
UDP Port	390
TCP Port	390
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ULISTPROC

Name/CLI Keyword	ulistproc
Full Name	List Processor
Description	Registered with IANA on port 372 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:372
ID	288
Known Mappings	
UDP Port	372
TCP Port	372
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ULP

Name/CLI Keyword	ulp
Full Name	User Location Protocol
Description	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.
Reference	http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt
Global ID	L4:522
ID	440
Known Mappings	
UDP Port	522
TCP Port	522
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ULPNET

Name/CLI Keyword	ulpnet
Full Name	Ulpnet
Description	Registered with IANA on port 483 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:483
ID	397
Known Mappings	
UDP Port	483
TCP Port	483
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ULTRASURF

Name/CLI Keyword	ultrasurf
Full Name	Ultrasurf - Internet censorship circumvention<
Description	Ultrasurf is an internet censorship circumvention proxy as well as anonymizer. It is developed and maintained by Ultrareach Internet Corporation
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L7:584
ID	1523
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	anonymizers
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	Yes
Underlying Protocols	ssl,dns,http

UNIDATA-LDM

Name/CLI Keyword	unidata-ldm
Full Name	Unidata LDM
Description	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 theUnidata Internet Data Distribution(IDD) project. The LDM system includes network client and server programs and their shared protocols.
Reference	http://www.unidata.ucar.edu/software/ldm/
Global ID	L4:388
ID	304
Known Mappings	
UDP Port	388
TCP Port	388
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UNITE-AIRLINES

Name/CLI Keyword	unite-airlines
Full Name	United Airlines
Description	United Airlines - Online Flight reservation from United Airlines.
Reference	http://united.com
Global ID	L7:753
ID	1683
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

UNIFY

Name/CLI Keyword	unify
Full Name	Unify
Description	Registered with IANA on port 181 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:181
ID	1024
Known Mappings	
UDP Port	181
TCP Port	181
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UOL

Name/CLI Keyword	uol
Full Name	UOL
Description	UOL - Brazilian web portal for news and entertainment.
Reference	http://uol.com
Global ID	L7:627
ID	1556
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

UPS

Name/CLI Keyword	ups
Full Name	Uninterruptable Power Supply
Description	Registered with IANA on port 401 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:401
ID	316
Known Mappings	
UDP Port	401
TCP Port	401
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Traffic-class	signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

URM

Name/CLI Keyword	urm
Full Name	Cray Unified Resource Manager
Description	Registered with IANA on port 606 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:606
ID	515
Known Mappings	
UDP Port	606
TCP Port	606
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

USAA

Name/CLI Keyword	usaa
Full Name	USAA
Description	USAA - Insurance company.
Reference	http://usaa.com
Global ID	L7:782
ID	1710
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

USA-TODAY

Name/CLI Keyword	usa-today
Full Name	USA Today
Description	USA Today - Website for newspaper USA Today.
Reference	http://usatoday.com
Global ID	L7:679
ID	1609
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

USBANK

Name/CLI Keyword	usbank
Full Name	U.S.Bank
Description	U.S.Bank - Online banking web portal for U.S Bank.
Reference	http://usbank.com
Global ID	L7:788
ID	1716
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

USPS

Name/CLI Keyword	usps
Full Name	USPS
Description	USPS - US Postal Service website.
Reference	http://usps.com
Global ID	L7:660
ID	1589
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

UTI

Name/CLI Keyword	uti
Full Name	UTI
Description	Registered with IANA as IP Protocol 120
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:120
ID	874
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	120
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic Class	Bulk-Data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UTIME

Name/CLI Keyword	utime
Full Name	Unix time
Description	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.
Reference	http://linux.die.net/man/2/utime
Global ID	L4:519
ID	436
Known Mappings	
UDP Port	519
TCP Port	519
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UTMPCD

Name/CLI Keyword	utmpcd
Full Name	UTMPCD
Description	Registered with IANA on port 431 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:431
ID	346
Known Mappings	
UDP Port	431
TCP Port	431
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UTMPSD

Name/CLI Keyword	utmpsd
Full Name	utmpsd
Description	Registered with IANA on port 430 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:430
ID	345
Known Mappings	
UDP Port	430
TCP Port	430
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UUCP

Name/CLI Keyword	uucp
Full Name	Unix-to-Unix Copy
Description	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.
Reference	http://en.wikipedia.org/wiki/Uucp
Global ID	L4:540
ID	458
Known Mappings	
UDP Port	540
TCP Port	540
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UUCP-PATH

Name/CLI Keyword	uucp-path
Full Name	UUCP Path Service
Description	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.
Reference	http://tools.ietf.org/html/rfc915
Global ID	L4:117
ID	987
Known Mappings	
UDP Port	117
TCP Port	117
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UUCP-RLOGIN

Name/CLI Keyword	uucp-rlogin
Full Name	uucp-rlogin
Description	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.
Reference	http://www.uucp.org/
Global ID	L4:541
ID	459
Known Mappings	
UDP Port	541
TCP Port	541
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

UUIDGEN

Name/CLI Keyword	uuidgen
Full Name	UUIDGEN
Description	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.
Reference	http://en.wikipedia.org/wiki/Uuid
Global ID	L4:697
ID	605
Known Mappings	
UDP Port	697
TCP Port	697
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VACDSM-APP

Name/CLI Keyword	vacdsm-app
Full Name	VACDSM-APP
Description	Registered with IANA on port 671 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:671
ID	579
Known Mappings	
UDP Port	671
TCP Port	671
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VACDSM-SWS

Name/CLI Keyword	vacdsm-sws
Full Name	VACDSM-SWS
Description	Registered with IANA on port 670 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:670
ID	578
Known Mappings	
UDP Port	670
TCP Port	670
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VATP

Name/CLI Keyword	vatp
Full Name	Velazquez Application Transfer Protocol
Description	Registered with IANA on port 690 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:690
ID	598
Known Mappings	
UDP Port	690
TCP Port	690
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VDOLIVE

Name/CLI Keyword	vdolive
Full Name	VDOLive
Description	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.
Reference	http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html
Global ID	L7:425
ID	50
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VEMMI

Name/CLI Keyword	vemmi
Full Name	vemmi
Description	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.
Reference	http://tools.ietf.org/html/rfc2122
Global ID	L4:575
ID	489
Known Mappings	
UDP Port	575
TCP Port	575
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VENTRILO

Name/CLI Keyword	ventrilo
Full Name	Ventrilo
Description	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.
Reference	http://www.ventrilo.com/
Global ID	L7:446
ID	1069
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VERIZON-WEB-SERVICES

Name/CLI Keyword	verizon-web-services
Full Name	Verizon
Description	Verizon - Internet, TV and Phone service provider.
Reference	http://verizon.com
Global ID	L7:739
ID	1669
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns

VERIZON-WIRELESS-WEB

Name/CLI Keyword	verizon-wireless-web
Full Name	Verizon Wireless
Description	Verizon Wireless - Telecom and Internet provider.
Reference	http://verizonwireless.com
Global ID	L7:699
ID	1629
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

VIBER

Name/CLI Keyword	viber
Full Name	Viber
Description	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.
Reference	http://www.viber.com/
Global ID	L7:1320
ID	1320
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VID

Name/CLI Keyword	vid
Full Name	Vid
Description	Logitech Vid is a Video-over-IP service based on SightSpeed. It is used by consumers with Logitech webcams.
Reference	http://www.sightspeed.com/
Global ID	L4:769
ID	639
Known Mappings	
UDP Port	769
TCP Port	769
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VIDEO-OVER-HTTP

Name/CLI Keyword	video-over-http
Full Name	Video Over HTTP
Description	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.
Reference	
Global ID	L7:432
ID	122
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

VIDEOTEX

Name/CLI Keyword	videotex
Full Name	videotex
Description	videotex
Reference	
Global ID	L4:516
ID	433
Known Mappings	
UDP Port	516
TCP Port	516
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VIMEO

Name/CLI Keyword	vimeo
Full Name	Vimeo
Description	Vimeo is a video-sharing website in which users can upload, share, and view videos.
Reference	https://vimeo.com/
Global ID	L7:1168
ID	1168
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming
Tunnel	No
Underlying Protocols	http,ssl,dns

VINE

Name/CLI Keyword	vine
Full Name	Vine
Description	Vine - Mobile App for sharing photos and videos clips.
Reference	http://vineapp.com
Global ID	L7:744
ID	1674
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

VIRTUAL-PLACES

Name/CLI Keyword	virtual-places
Full Name	virtual-places
Description	Virtual places software
Reference	
Global ID	L4:1533
ID	1385
Known Mappings	
UDP Port	1533
TCP Port	1533
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VISA

Name/CLI Keyword	visa
Full Name	visa
Description	VISA Protocol
Reference	
Global ID	L3:70
ID	824
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	70
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VKONTAKTE

Name/CLI Keyword	vkontakte
Full Name	VKontakte
Description	VKontakte - Russian social networking service
Reference	http://vk.com
Global ID	L7:615
ID	1047
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns

VMNET

Name/CLI Keyword	vmnet
Full Name	VMNet
Description	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.
Reference	http://www.tldp.org/LDP/Linux-Dictionary/html/v.html
Global ID	L4:175
ID	1020
Known Mappings	
UDP Port	175
TCP Port	175
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VMPWSCS

Name/CLI Keyword	vmpwscs
Full Name	VM PWSCS
Description	Registered with IANA on port 214 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:214
ID	1111
Known Mappings	
UDP Port	214
TCP Port	214
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	enterprise-sw-deployment-tools
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned
Underlying Protocols	tcp,udp

VMTP

Name/CLI Keyword	vmtp
Full Name	VERSATILE MESSAGE TRANSACTION PROTOCOL
Description	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.
Reference	http://tools.ietf.org/html/rfc1045
Global ID	L3:81
ID	835
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	81
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VMWARE-FDM

Name/CLI Keyword	vmware-fdm
Full Name	VMware Fault Domain Manager
Description	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.
Reference	http://pubs.vmware.com/vsphere-50/topic/com.vmware.vsphere.avail.doc_50/GUID-742EF045-C949-10ACBA-DF42E97ED311.html
Global ID	L4:8182
ID	1394
Known Mappings	
UDP Port	8182
TCP Port	8182
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VMWARE-VIEW

Name/CLI Keyword	vmware-view
Full Name	Vmware View
Description	VMware View is a desktop-virtualization product developed by VMware, provides virtual desktop infrastructure (VDI) solution using VMware's virtualization technology. A client desktop operating system runs within a virtual environment on a server. This protocol match the user interface traffic and authentication, the remote desktops traffic sent over PCoIP or Microsoft Remote Desktop protocols.
Reference	http://www.vmware.com/products/view/overview.html
Global ID	L7:476
ID	1426
Known Mappings	
UDP Port	-
TCP Port	443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy

VMWARE-VMOTION

Name/CLI Keyword	vmware-vmotion
Full Name	Vmware Vmotion
Description	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.
Reference	http://www.vmware.com/products/vmotion/overview.html
Global ID	L7:493
ID	1429
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VMWARE-VSPHERE

Name/CLI Keyword	vmware-vsphere
Full Name	VMware vSphere
Description	VMware cloud infrastructure virtualization platform. Concentration of user interface communication with ESX and vCenter infrastructure. For other types of traffic generated by VMware infrastructure, please refer to the following protocols: vmware-vmotion, vmware-view and iscsi.
Reference	http://www.vmware.com/products/vsphere/
Global ID	L7:599
ID	1538
Known Mappings	
UDP Port	-
TCP Port	80,443
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	Yes
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http

VNAS

Name/CLI Keyword	vnas
Full Name	vnas
Description	Registered with IANA on port 577 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:577
ID	491
Known Mappings	
UDP Port	577
TCP Port	577
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VNC

Name/CLI Keyword	vnc
Full Name	Virtual Network Computing
Description	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.
Reference	http://www.realvnc.com/
Global ID	L7:100
ID	100
Known Mappings	
UDP Port	5800,5900,5901
TCP Port	5800,5900,5901
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vnc-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VNC-HTTP

Name/CLI Keyword	vnc-http
Full Name	VNC over HTTP
Description	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.
Reference	http://www.realvnc.com/
Global ID	L7:485
ID	1414
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vnc-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http

VPP

Name/CLI Keyword	vpp
Full Name	Virtual Presence Protocol
Description	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.
Reference	http://tools.ietf.org/id/draft-wolf-vpp-01.txt
Global ID	L4:677
ID	585
Known Mappings	
UDP Port	677
TCP Port	677
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VPPS-QUA

Name/CLI Keyword	vpps-qua
Full Name	VVPS-Qua
Description	Registered with IANA on port 672 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:672
ID	580
Known Mappings	
UDP Port	672
TCP Port	672
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VPPS-VIA

Name/CLI Keyword	vpps-via
Full Name	VPPS-Via
Description	Registered with IANA on port 676 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:676
ID	584
Known Mappings	
UDP Port	676
TCP Port	676
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VRRP

Name/CLI Keyword	vrrp
Full Name	Virtual Router Redundancy Protocol
Description	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.
Reference	http://tools.ietf.org/html/rfc5798
Global ID	L3:112
ID	866
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	112
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned
Underlying Protocols	tcp,udp

VSINET

Name/CLI Keyword	vsinet
Full Name	vsinet
Description	Registered with IANA on port 996 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:996
ID	675
Known Mappings	
UDP Port	996
TCP Port	996
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

VSLMP

Name/CLI Keyword	vslmp
Full Name	vslmp
Description	Registered with IANA on port 312 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:312
ID	1152
Known Mappings	
UDP Port	312
TCP Port	312
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

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WAP-PUSH

Name/CLI Keyword	wap-push
Full Name	WAP PUSH
Description	A WAP Push is a specially encoded message which includes a link to a Wirless 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.
Reference	http://en.wikipedia.org/wiki/Wireless_Application_Protocol
Global ID	L4:2948
ID	725
Known Mappings	
UDP Port	2948
TCP Port	2948
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-PUSH-HTTP

Name/CLI Keyword	wap-push-http
Full Name	WAP Push OTA-HTTP port
Description	WAP-Push OTA-HTTP is used for asynchronous communication between a PPG (Push Proxy Gateway) and a WAP client, utilizing HTTP services.
Reference	http://www.openmobilealliance.org/tech/affiliates/wap/wap-235-pushota-20010425-a.pdf
Global ID	L4:4035
ID	727
Known Mappings	
UDP Port	4035
TCP Port	4035
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-PUSH-HTTPS

Name/CLI Keyword	wap-push-https
Full Name	WAP Push OTA-HTTP secure
Description	The Wireless Application Protocol(WAP) is atechnical standardfor accessing information over a mobilewireless network. WAP Push allows WAP content to be pushed to the mobile handset with minimum user intervention.
Reference	http://en.wikipedia.org/wiki/Wireless_Application_Protocol#WAP_Push
Global ID	L4:4036
ID	728
Known Mappings	
UDP Port	4036
TCP Port	4036
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-PUSHSECURE

Name/CLI Keyword	wap-pushsecure
Full Name	WAP Push Secure
Description	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.
Reference	http://www.lasalle.edu/~beatty/430/wireless/toolkit/wap_push_library/pdf/WAP_Push_Tech_Overview.pdf
Global ID	L4:2949
ID	726
Known Mappings	
UDP Port	2949
TCP Port	2949
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-VCAL

Name/CLI Keyword	wap-vcal
Full Name	WAP vCal
Description	Registered with IANA on port 9205 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:9205
ID	734
Known Mappings	
UDP Port	9205
TCP Port	9205
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-VCAL-S

Name/CLI Keyword	wap-vcal-s
Full Name	WAP vCal Secure
Description	Registered with IANA on port 9207 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:9207
ID	736
Known Mappings	
UDP Port	9207
TCP Port	9207
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-VCARD

Name/CLI Keyword	wap-vcard
Full Name	WAP vCard
Description	Internet Mail Consortium (IMC) electronic business card.
Reference	http://www.wapforum.org/what/technical/SPEC-WAESpec-19990524.pdf
Global ID	L4:9204
ID	733
Known Mappings	
UDP Port	9204
TCP Port	9204
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-VCARD-S

Name/CLI Keyword	wap-vcard-s
Full Name	WAP vCard Secure
Description	Registered with IANA on port 9206 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:9206
ID	735
Known Mappings	
UDP Port	9206
TCP Port	9206
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-WSP

Name/CLI Keyword	wap-wsp
Full Name	WAP connectionless session service
Description	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.
Reference	http://vallejo.cc/proyectos/envio%20sms_files/OMA-WAP-ProvCont-v1_1-20050428-C.pdf
Global ID	L4:9200
ID	729
Known Mappings	
UDP Port	9200
TCP Port	9200
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-WSP-S

Name/CLI Keyword	wap-wsp-s
Full Name	WAP secure connectionless session service
Description	Registered with IANA on port 9202 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:9202
ID	731
Known Mappings	
UDP Port	9202
TCP Port	9202
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-WSP-WTP

Name/CLI Keyword	wap-wsp-wtp
Full Name	WAP session service
Description	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.
Reference	http://www.openmobilealliance.org/
Global ID	L4:9201
ID	730
Known Mappings	
UDP Port	9201
TCP Port	9201
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WAP-WSP-WTP-S

Name/CLI Keyword	wap-wsp-wtp-s
Full Name	WAP Secure Session Service
Description	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.
Reference	http://www.openmobilealliance.org/
Global ID	L4:9203
ID	732
Known Mappings	
UDP Port	9203
TCP Port	9203
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WALL-STREET-JOURNAL

Name/CLI Keyword	wall-street-journal
Full Name	Wall Street Journal
Description	Wall Street Journal - Web Portal for news update.
Reference	http://wsj.com
Global ID	L7:669
ID	1598
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WAR-ROCK

Name/CLI Keyword	war-rock
Full Name	War-rock Online Gaming
Description	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.
Reference	http://en.warrock.nexoneu.com/
Global ID	L4:5330
ID	1395
Known Mappings	
UDP Port	
TCP Port	5330,5340
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WARRIORFORUM

Name/CLI Keyword	warriorforum
Full Name	WarriorForum
Description	WarriorForum - Internet Marketing Forums.
Reference	http://warriorforum.com
Global ID	L7:794
ID	1722
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WASTE

Name/CLI Keyword	waste
Full Name	Waste
Description	Waste is an encrypted, decentralized peer to peer file sharing client. Users can chat and share files with another, all with strong encryption.
Reference	http://waste.sourceforge.net/
Global ID	L7:421
ID	574
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WASHINGTON POST

Name/CLI Keyword	washington-post
Full Name	The Washington Post
Description	The Washington Post - American daily newspaper.
Reference	http://washingtonpost.com
Global ID	L7:656
ID	1585
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WB-EXPAK

Name/CLI Keyword	wb-expak
Full Name	Wideband EXPAK
Description	Registered with IANA as IP Protocol 79
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:79
ID	833
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	79
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WB-MON

Name/CLI Keyword	wb-mon
Full Name	WIDEBAND Monitoring
Description	Registered with IANA as IP Protocol 78
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:78
ID	832
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	78
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WCCP

Name/CLI Keyword	wccp
Full Name	Web Cache Communication Protocol
Description	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.
Reference	http://www.cisco.com/en/US/docs/ios/12_0t/12_0t3/feature/guide/wccp.html
Global ID	L4:2048
ID	1396
Known Mappings	
UDP Port	2048
TCP Port	2048
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WEATHER-COM

Name/CLI Keyword	weather-com
Full Name	Weather.com
Description	Weather.com - Weather Channel web portal.
Reference	http://weather.com
Global ID	L7:636
ID	1565
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WEATHER-GOV-WEB-PORTAL

Name/CLI Keyword	weather-gov-web-portal
Full Name	Weather.gov
Description	Weather.gov - Weather web portal
Reference	http://weather.gov
Global ID	L7:770
ID	1700
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WEB-ANALYTICS

Name/CLI Keyword	web-analytics
Full Name	Web Analytics
Description	Web and mobile analytics, and customer engagement platforms.
Reference	https://en.wikipedia.org/wiki/Web_analytics
Global ID	L7:1079
ID	1079
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

WEBEX-APP-SHARING

Name/CLI Keyword	webex-app-sharing
Full Name	Webex Application Sharing
Description	WebEx-App-Sharing is granular classification of WebEx protocol application sharing traffic, configured with HTTP-proxy.
Reference	http://www.webex.com/
Global ID	L7:546
ID	1480
Known Mappings	
UDP Port	53,5353,9000
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,webex-meeting,dns,ssl

WEBEX-AUDIO

Name/CLI Keyword	webex-audio
Full Name	Webex Audio
Description	Webex provides online meeting, web conferencing, and video conferencing services. It supports face-to-face meetings with real-time sharing of data, audio, video, and apps. Webex uses SSL as its underlying protocol.
Reference	https://www.webex.com/
Global ID	L7:1251
ID	1251
Known Mappings	
UDP Port	3478, 9000
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False
Underlying Protocols	webex-media,webex-meeting,stun-nat

WEBEX-MEDIA

Name/CLI Keyword	webex-media
Full Name	Webex Media
Description	WebEx-Media is granular classification of WebEx protocol video, audio, and file sharing traffic, configured with HTTP-proxy.
Reference	http://www.webex.com/
Global ID	L7:545
ID	1479
Known Mappings	
UDP Port	53,5353,9000
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,webex-meeting,dns,ssl

WEBEX-MEETING

Name/CLI Keyword	webex-meeting
Full Name	WebEx Meeting
Description	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.
Reference	http://www.webex.com/overview/index.html
Global ID	L7:414
ID	1306
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,spdy,http

WEBEX-VIDEO

Name/CLI Keyword	webex-video
Full Name	Webex Video
Description	Webex provides online meeting, web conferencing, and video conferencing services. It supports face-to-face meetings with real-time sharing of data, audio, video, and apps. Webex uses SSL as its underlying protocol.
Reference	https://www.webex.com/
Global ID	L7:1250
ID	1250
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False
Underlying Protocols	webex-media

WEBMD

Name/CLI Keyword	webmd
Full Name	WebMD
Description	WebMD - Health information service.
Reference	http://webmd.com
Global ID	L7:677
ID	1607
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WEB-RTC

Name/CLI Keyword	web-rtc
Full Name	WebRTC
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.
Reference	https://webrtc.org/
Global ID	L7:1768
ID	1054
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	-

WEB-RTC-AUDIO

Name/CLI Keyword	web-rtc-audio
Full Name	WebRTC Audio
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.
Reference	https://webrtc.org/
Global ID	L7:1767
ID	1056
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	-

WEB-RTC-VIDEO

Name/CLI Keyword	web-rtc-video
Full Name	WebRTC Video
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.
Reference	https://webrtc.org/
Global ID	L7:1766
ID	1057
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	-

WEBSENSE

Name/CLI Keyword	websense
Full Name	Websense
Description	Websense is a company specializing in web filtering software. Their software is used by customers to protect their networks from unwanted or inappropriate usage.
Reference	http://www.websense.com/
Global ID	L4:15868
ID	1369
Known Mappings	
UDP Port	
TCP Port	15868,15871
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	internet-privacy
Sub Category	internet-privacy
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WEBSTER

Name/CLI Keyword	webster
Full Name	webster
Description	The webster protocol supports access to a single dictionary and (optionally) to a single thesaurus.
Reference	http://tools.ietf.org/html/rfc2229
Global ID	L4:765
ID	637
Known Mappings	
UDP Port	765
TCP Port	765
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WEBTHUNDER

Name/CLI Keyword	webthunder
Full Name	Webthunder
Description	Webthunder is a peer to peer file sharing application. It works over the HTTP protocol and is popular in China.
Reference	http://my.xunlei.com/setup.htm
Global ID	L7:445
ID	1055
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,xunlei

WECHAT

Name/CLI Keyword	wechat
Full Name	WeChat
Description	WeChat is a mobile text and voice messaging communication service. The app is available on Android, iPhone, BlackBerry, Windows Phone and Symbian phones.
Reference	http://www.wechat.com/en/
Global ID	L7:1037
ID	1037
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	dns,http,ssl

WEIBO

Name/CLI Keyword	weibo
Full Name	Sina Weibo
Description	Sina Weibo - Chinese microblogging site.
Reference	http://weibo.com
Global ID	L7:461
ID	256
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WELLS-FARGO

Name/CLI Keyword	wells-fargo
Full Name	Wells Fargo
Description	Wells Fargo - Global financial services company.
Reference	http://wellsfargo.com
Global ID	L7:650
ID	1579
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WETRANSFER

Name/CLI Keyword	wetransfer
Full Name	WeTransfer
Description	WeTransfer - Online file transferring platform.
Reference	http://wetransfer.com
Global ID	L7:712
ID	1642
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WHATSAPP

Name/CLI Keyword	whatsapp
Full Name	whatsApp
Description	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.
Reference	http://www.whatsapp.com
Global ID	L7:553
ID	1488
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,ssl,dns,quic

WHITEPAGES

Name/CLI Keyword	whitepages
Full Name	WhitePages Inc
Description	WhitePages Inc - Business and Peoples Contact directory in United States.
Reference	http://whitepages.com
Global ID	L7:807
ID	1735
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WHOAMI

Name/CLI Keyword	whoami
Full Name	whoami
Description	Registered with IANA on port 565 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:565
ID	480
Known Mappings	
UDP Port	565
TCP Port	565
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WHOIS++

Name/CLI Keyword	whois++
Full Name	whois++ Service
Description	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.
Reference	http://www.ietf.org/rfc/rfc1835
Global ID	L4:63
ID	86
Known Mappings	
UDP Port	63
TCP Port	63
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WIFI-CALLING

Name/CLI Keyword	wifi-calling
Full Name	wifi-calling
Description	WiFi Calling enables mobile voice phone calls via WiFi network.
Reference	http://www.wificalling.net/
Global ID	L7:808
ID	1736
Known Mappings	
UDP Port	53,5353
TCP Port	53,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	Default
Application Group	ipsec-group
Category	voice-and-video
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Traffic Class	bulk-data
Tunnel	Yes
Underlying Protocols	dns

WIKIA

Name/CLI Keyword	wikia
Full Name	Wikia
Description	Wikia - Web portal to contribute and share the knowledge.
Reference	http://wikia.com
Global ID	L7:634
ID	1563
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WIKIPEDIA

Name/CLI Keyword	wikipedia
Full Name	Wikipedia-related websites
Description	Wikipedia is a multilingual and free-access Internet encyclopedia that is supported and hosted by the non-profit Wikimedia Foundation.
Reference	http://en.wikipedia.org/wiki/Wikipedia
Global ID	L7:608
ID	1547
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic Class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WINDOWS-AZURE

Name/CLI Keyword	windows-azure
Full Name	Microsoft Windows Azure
Description	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.
Reference	https://www.windowsazure.com/en-us/
Global ID	L7:510
ID	1445
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Encrypted	Yes
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WINDOWS-STORE

Name/CLI Keyword	windows-store
Full Name	Microsoft Windows Store
Description	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.
Reference	http://www.windowsstore.com/
Global ID	L7:590
ID	1529
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data
Tunnel	No
Underlying Protocols	http,ssl,dns

WINDOWS-UPDATE

Name/CLI Keyword	windows-update
Full Name	Windows Update
Description	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.
Reference	http://technet.microsoft.com/en-us/library/cc732448%28WS.10%29.aspx
Global ID	L7:415
ID	1307
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WINMX

Name/CLI Keyword	winmx
Full Name	WinMX
Description	WinMX is a freeware peer-to-peer file sharing client developed by Frontcode Technologies in 2001. It runs on Windows OS.
Reference	http://compnetworking.about.com/od/winmx/f/winmxstatus.htm
Global ID	L7:68
ID	68
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WINNY

Name/CLI Keyword	winny
Full Name	Winny
Description	Winny is a Japanese Peer to Peer file sharing protocol, it works on windows OS. The protocol was based on WinMX.
Reference	http://arufa.wordpress.com/2008/08/10/winnys-protocol-handshake/
Global ID	L7:469
ID	372
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	p2p-file-transfer
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WIRED-COM

Name/CLI Keyword	wired-com
Full Name	Wired.com
Description	Wired.com - Online magazine
Reference	http://wired.com
Global ID	L7:697
ID	1627
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WLCCP

Name/CLI Keyword	wlccp
Full Name	Wireless LAN Context Control Protocol
Description	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).
Reference	http://www.google.com/patents/US20050220054
Global ID	L4:2887
ID	1397
Known Mappings	
UDP Port	2887
TCP Port	2887
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WORDREFERENCE-COM

Name/CLI Keyword	wordreference-com
Full Name	WordReference.com
Description	WordReference.com - Online dictionaries, translator and word games.
Reference	http://wordreference.com
Global ID	L7:674
ID	1604
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WORKDAY

Name/CLI Keyword	workday
Full Name	Workday
Description	Cloud-based on-demand financial management and human capital management software.
Reference	https://www.workday.com/
Global ID	L7:1186
ID	1186
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	http,ssl,dns

WORLDFUSION

Name/CLI Keyword	worldfusion
Full Name	World Fusion
Description	Registered with IANA on port 2595 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:2595
ID	719
Known Mappings	
UDP Port	2595
TCP Port	2595
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WORLDSTARHIPHOP

Name/CLI Keyword	worldstarhiphop
Full Name	WorldstarHipHop
Description	WorldstarHipHop - Entertainment, hip hop, music videos and blogs.
Reference	http://worldstarhiphop.com
Global ID	L7:804
ID	1732
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

WPGS

Name/CLI Keyword	wpgs
Full Name	wpgs
Description	Registered with IANA on port 780 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:780
ID	651
Known Mappings	
UDP Port	780
TCP Port	780
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WSN

Name/CLI Keyword	wsn
Full Name	Wang Span Network
Description	Registered with IANA as IP Protocol 74
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	L3:74
ID	828
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	74
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

WUNDERGROUND-COM

Name/CLI Keyword	wunderground-com
Full Name	Weather Underground
Description	Weather Underground - Weather web portal
Reference	http://wunderground.com
Global ID	L7:702
ID	1632
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

XACT-BACKUP

Name/CLI Keyword	xact-backup
Full Name	xact-backup
Description	xact-backup
Reference	
Global ID	L4:911
ID	667
Known Mappings	
UDP Port	911
TCP Port	911
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	backup-systems
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

X-BONE-CTL

Name/CLI Keyword	x-bone-ctl
Full Name	Xbone CTL
Description	The X-Bone is a system for the automated deployment, management, coodination, 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.
Reference	http://www.isi.edu/xbone/information/architecture.html#ctl
Global ID	L4:265
ID	1137
Known Mappings	
UDP Port	265
TCP Port	265
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	network-protocol
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XBOX-WEB-PORTAL

Name/CLI Keyword	xbox-web-portal
Full Name	Xbox Live
Description	Xbox Live - Microsoft online gaming service.
Reference	http://xbox.com
Global ID	L7:779
ID	1707
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

XDA-DEVELOPERS

Name/CLI Keyword	xda-developers
Full Name	XDA-Developers
Description	XDA-Developers - Large online community of smart phone and tablet developers.
Reference	http://xda-developers.com
Global ID	L7:705
ID	1635
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

XDMCP

Name/CLI Keyword	xdmcp
Full Name	X Display Manager Control Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/X_display_manager_(program_type)
Global ID	L4:177
ID	109
Known Mappings	
UDP Port	177
TCP Port	177
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XDTP

Name/CLI Keyword	xdtp
Full Name	eXtensible Data Transfer Protocol
Description	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.
Reference	http://en.wikipedia.org/wiki/Xpress_Transport_Protocol
Global ID	L4:3088
ID	741
Known Mappings	
UDP Port	3088
TCP Port	3088
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XFER

Name/CLI Keyword	xfer
Full Name	Xfer Utility
Description	The Xfer utility is used by domain name servers (DNS) to perform zone transfers.
Reference	http://docs.oracle.com/cd/E19048-01/chorus5/806-7012/6jftqmea6/index.html
Global ID	L4:82
ID	955
Known Mappings	
UDP Port	82
TCP Port	82
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XFIRE

Name/CLI Keyword	xfire
Full Name	Xfire Instant Messaging Service
Description	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.
Reference	http://www.xfire.com/
Global ID	L4:25999
ID	1371
Known Mappings	
UDP Port	
TCP Port	25999
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	gaming
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XINHUANET

Name/CLI Keyword	xinhuanet
Full Name	The Xinhuanet
Description	The Xinhuanet - Chinese official website for the news agency Xinhua.
Reference	http://xinhuanet.com
Global ID	L7:622
ID	1539
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

XMPP-CLIENT

Name/CLI Keyword	xmpp-client
Full Name	XMPP Client Connection
Description	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.
Reference	http://xmpp.org/xmpp-software/clients/
Global ID	L4:5222
ID	1323
Known Mappings	
UDP Port	5222
TCP Port	5222
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	No
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	-

XNET

Name/CLI Keyword	xnet
Full Name	Cross Net Debugger
Description	Cross Net Debugger allows a programmer at one computer on a network to debug a program which executes on another computer.
Reference	http://tools.ietf.org/html/rfc685
Global ID	L3:15
ID	770
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	15
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-AUTH

Name/CLI Keyword	xns-auth
Full Name	Xerox Network Services Authentication
Description	Xerox Network Services(XNS) is aprotocol suitedeveloped byXeroxwithin theXerox Network Systems Architecture. It provided general purpose network communications, internetworkroutingand packet delivery, including higher level functions such as areliable stream, andremote procedure calls. XNS predated and influenced the development of theOpen Systems Interconnection(OSI) networking model.
Reference	http://en.wikipedia.org/wiki/Xerox_Network_Systems
Global ID	L4:56
ID	936
Known Mappings	
UDP Port	56
TCP Port	56
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-CH

Name/CLI Keyword	xns-ch
Full Name	XNS Clearinghouse
Description	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.
Reference	http://tools.ietf.org/html/rfc1491
Global ID	L4:54
ID	934
Known Mappings	
UDP Port	54
TCP Port	54
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-COURIER

Name/CLI Keyword	xns-courier
Full Name	Xerox
Description	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.
Reference	http://www.pulsewan.com/data101/pdfs/xns.pdf
Global ID	L4:165
ID	1010
Known Mappings	
UDP Port	165
TCP Port	165
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-IDP

Name/CLI Keyword	xns-idp
Full Name	xns-idp
Description	XEROX NS IDP
Reference	
Global ID	L3:22
ID	776
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	22
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-MAIL

Name/CLI Keyword	xns-mail
Full Name	XNS mail
Description	XNS Mail is part of the Xerox Network Services (XNS) protocol suit, which provides general purpose network communications.
Reference	http://www.pulsewan.com/data101/pdfs/xns.pdf
Global ID	L4:58
ID	937
Known Mappings	
UDP Port	58
TCP Port	58
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XNS-TIME

Name/CLI Keyword	xns-time
Full Name	XNS Time Protocol
Description	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.
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.15.423
Global ID	L4:52
ID	932
Known Mappings	
UDP Port	52
TCP Port	52
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Traffic-class	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XTP

Name/CLI Keyword	xtp
Full Name	Xpress Transport Protocol
Description	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.
Reference	http://www.ccii.co.za/products/xtp.html
Global ID	L3:36
ID	790
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	36
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XUNLEI

Name/CLI Keyword	xunlei
Full Name	xunlei
Description	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.
Reference	http://www.kankan.com/
Global ID	L7:537
ID	1471
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

XUNLEI-KANKAN

Name/CLI Keyword	xunlei-kankan
Full Name	Xunlei Kankan
Description	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.
Reference	http://www.kankan.com/
Global ID	L7:538
ID	1472
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	Yes
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,dns,quic

XVTTP

Name/CLI Keyword	xvttp
Full Name	xvttp
Description	Registered with IANA on port 508 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:508
ID	422
Known Mappings	
UDP Port	508
TCP Port	508
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XWINDOWS

Name/CLI Keyword	xwindows
Full Name	X-Windows Remote Access
Description	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.
Reference	http://en.wikipedia.org/wiki/X_Window_System
Global ID	L4:6000
ID	45
Known Mappings	
UDP Port	
TCP Port	6000,6001,6002,6003
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

XYPLEX-MUX

Name/CLI Keyword	xyplex-mux
Full Name	Xyplex
Description	Registered with IANA on port 173 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:173
ID	1018
Known Mappings	
UDP Port	173
TCP Port	173
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

YAHOO

Name/CLI Keyword	yahoo
Full Name	Yahoo
Description	yahoo.com site browsing
Reference	http://www.yahoo.com
Global ID	L7:831
ID	1761
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned
Underlying Protocols	http,ssl,dns

YAHOO-ACCOUNTS

Name/CLI Keyword	yahoo-accounts
Full Name	Yahoo! Accounts
Description	Yahoo Accounts is a protocol that covers the traffic of user login into one of multiple web services offered by Yahoo!
Reference	http://login.yahoo.com
Global ID	L7:533
ID	1083
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	browsing
Sub Category	authentication-services
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

YAHOO-MAIL

Name/CLI Keyword	yahoo-mail
Full Name	Yahoo! Mail
Description	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.
Reference	http://mail.yahoo.com
Global ID	L7:526
ID	1462
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	email
Sub Category	other
P2P Technology	No
Encrypted	Yes
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

YAHOO-MESSENGER

Name/CLI Keyword	yahoo-messenger
Full Name	Yahoo Messenger
Description	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.
Reference	http://messenger.yahoo.com/web/
Global ID	L7:77
ID	77
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,1080,5050,5101,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,socks,dns,quic

YAHOO-MESSENGER-VIDEO

Name/CLI Keyword	yahoo-messenger-video
Full Name	Yahoo Messenger Video
Description	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.
Reference	https://messenger.yahoo.com/features/webcam/
Global ID	L7:594
ID	1533
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	No
IPv6 Support	No
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

YAHOO-VOIP-MESSENGER

Name/CLI Keyword	yahoo-voip-messenger
Full Name	Yahoo VoIP Messenger
Description	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, SSL, STUN-NAT,RTP.
Reference	http://messenger.yahoo.com/features/voice/
Global ID	L7:422
ID	674
Known Mappings	
UDP Port	3478
TCP Port	3478
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	stun-nat,rtp,rtp-audio

YAHOO-VOIP-OVER-SIP

Name/CLI Keyword	yahoo-voip-over-sip
Full Name	Yahoo VoIP over SIP
Description	As a feature of Yahoo messenger, starting from version 8 and above, Yahoo voice uses SIP protocol to commence VoIP calls.
Reference	http://messenger.yahoo.com/
Global ID	L7:302
ID	1195
Known Mappings	
UDP Port	5060
TCP Port	5060
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Traffic-class	voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	ssl,stun-nat,sip

YANDEX

Name/CLI Keyword	yandex
Full Name	Yandex
Description	Yandex - Russian search engine.
Reference	http://yandex.ru
Global ID	L7:611
ID	760
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

YELLOWPAGES-US

Name/CLI Keyword	yellowpages-us
Full Name	Yellow Pages
Description	Yellow Pages - Online directory and Mapping services.
Reference	http://yellowpages.com
Global ID	L7:799
ID	1727
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

YOUKU

Name/CLI Keyword	youku
Full Name	Youku
Description	Youku - Chinese video hosting and sharing service.
Reference	http://youku.com
Global ID	L7:623
ID	1546
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

YOUTUBE

Name/CLI Keyword	youtube
Full Name	Youtube
Description	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.
Reference	http://www.youtube.com/t/about_youtube
Global ID	L7:82
ID	82
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,554,5353,8554
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	streaming
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	http,google,ssl,rtsp,dns,quic

Z39.50

Name/CLI Keyword	z39.50
Full Name	Z39.50
Description	Z39.50 is a client-server protocol for searching and retrieving information from remote computer databases.
Reference	http://www.iso.org/iso/catalogue_detail.htm?csnumber=27446
Global ID	L4:210
ID	1108
Known Mappings	
UDP Port	210
TCP Port	210
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Business Relevance	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Application Group	other
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Traffic Class	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ZANNET

Name/CLI Keyword	zannet
Full Name	Zannet
Description	Registered with IANA on port 317 TCP/UDP
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	L4:317
ID	1157
Known Mappings	
UDP Port	317
TCP Port	317
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ZATTOO

Name/CLI Keyword	zattoo
Full Name	Zattoo
Description	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.
Reference	http://zattoo.com/en/about-zattoo/what-is-zattoo
Global ID	L7:428
ID	115
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	voice-and-video
Sub Category	commercial-media-distribution
P2P Technology	No
Encrypted	No
Traffic-class	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ZENDESK

Name/CLI Keyword	zendesk
Full Name	Zendesk
Description	Zendesk - Customer support web application.
Reference	http://zendesk.com
Global ID	L7:685
ID	1615
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ZILLOW

Name/CLI Keyword	zillow
Full Name	Zillow
Description	Zillow - Online portal for Real Estate.
Reference	http://zillow.com
Global ID	L7:654
ID	1583
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ZIPPYSHARE

Name/CLI Keyword	zippyshare
Full Name	Zippyshare
Description	Zippyshare - File hosting site.
Reference	http://zippyshare.com
Global ID	L7:722
ID	1652
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic

ZOHO-SERVICES

Name/CLI Keyword	zoho-services
Full Name	Zoho Services
Description	Information technology and business management services, including CRM, mail, reports, meetings, chat, docs, wiki, recruiting, invoice, surveys, and more.
Reference	https://www.zoho.com
Global ID	L7:1183
ID	1183
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	No
Encrypted	Yes
Traffic-class	transactional-data
Tunnel	No
Underlying Protocols	ssl,dns

ZOOM-MEETINGS

Name/CLI Keyword	zoom-meetings
Full Name	Zoom Meetings
Description	Zoom Meetings - Enterprise video conferencing and web conferencing.
Reference	https://zoom.us/
Global ID	L7:1130
ID	1130
Known Mappings	
UDP Port	8801,8802
TCP Port	8801,8802
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	No
Encrypted	Yes
Traffic-class	multimedia-conferencing
Tunnel	No
Underlying Protocols	ssl,dns

ZSERV

Name/CLI Keyword	zserv
Full Name	Zebra server
Description	zserv is the server for the ZFTP file transfer program which supports the transfer of ZEBRA RZ formatted files.
Reference	http://linux.die.net/man/8/zserv
Global ID	L4:346
ID	763
Known Mappings	
UDP Port	346
TCP Port	346
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Traffic-class	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Tunnel	No
Underlying Protocols	-

ZULILY

Name/CLI Keyword	zulily
Full Name	Zulily
Description	Zulily - Online shopping aimed for Moms apparel and home decor items.
Reference	http://zulily.com
Global ID	L7:751
ID	1681
Known Mappings	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	browsing
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	ssl,http,dns,quic