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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. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
Category	other
Sub Category	other
P2P Technology	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

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

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. 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	-

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	-