



## Protocols: I, J

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# I-NLSP

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

# IAFDBASE

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

# IAFSERVER

<b>Name/CLI Keyword</b>	iafserver
<b>Full Name</b>	IAFServer
<b>Description</b>	IAFServer is part of the Integrated Authentication Framework (IAF), a token-based infrastructure that enables Software AG's enterprise single sign-on. In addition, it allows usage of a configurable authentication system (user database) with Software AG products across platforms.
<b>Reference</b>	<a href="http://documentation.softwareag.com/webmethods/wmsuite/wmsuite82_ga/EntireX/82-SPI_EntireX/security/af.htm">http://documentation.softwareag.com/webmethods/wmsuite/wmsuite82_ga/EntireX/82-SPI_EntireX/security/af.htm</a>
<b>Global ID</b>	L4:479
<b>ID</b>	393
<b>Known Mappings</b>	
UDP Port	479
TCP Port	479
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IASD

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

# IATP

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



# IAX

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

# IBM-APP

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

# IBM-DB2

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

## IBM-DIRECTOR

<b>Name/CLI Keyword</b>	ibm-director
<b>Full Name</b>	IBM Director
<b>Description</b>	IBM Director is an element management system that manages the operation of a set of connected network resources and monitors their performance. IBM Director works on multiple server platforms including Windows and Linux. The software typically uses the TCP/UDP ports 15988, 15989, 34572, 4491, 6090, 13991, 14247-14249.
<b>Reference</b>	<a href="http://www.ibm.com/systems/management/director">http://www.ibm.com/systems/management/director</a>
<b>Global ID</b>	L4:4490
<b>ID</b>	1398
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IBPROTOCOL

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

# ICLCNET-LOCATE

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

# ICLCNET\_SVINFO

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

# ICLOUD

<b>Name/CLI Keyword</b>	icloud
<b>Full Name</b>	iCloud
<b>Description</b>	iCloud is Apple's cloud computing and storage service. It provides data storage (such as music, files and iOS applications) over remote servers and enables downloading stored data to multiple devices.
<b>Reference</b>	<a href="http://www.apple.com/icloud/">http://www.apple.com/icloud/</a>
<b>Global ID</b>	L7:564
<b>ID</b>	1501
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	file-sharing
<b>Sub Category</b>	storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# ICMP

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

## ICQ-FILETRANSFER

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

# ICQ

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

# IDFP

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

## IDPR-CMTP

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

# IDPR

<b>Name/CLI Keyword</b>	idpr
<b>Full Name</b>	Inter-Domain Policy Routing Protocol
<b>Description</b>	Inter-Domain Policy Routing Protocol (IDPR) constructs and maintains routes between source and destination administrative domains, that provide user traffic with the services requested within the constraints stipulated for the domains transited. IDPR supports link state routing information distribution and route generation in conjunction with source specified message forwarding.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1479">http://tools.ietf.org/html/rfc1479</a>
<b>Global ID</b>	L3:35
<b>ID</b>	789
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	network-control
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	tcp,udp

# IDRP

<b>Name/CLI Keyword</b>	idrp
<b>Full Name</b>	Inter-Domain Routing Protocol
<b>Description</b>	Inter-Domain Routing Protocol (IDRP) permits a routing domain to exchange information with other routing domains to facilitate the operation of the routing and relaying functions of the Network Layer.
<b>Reference</b>	<a href="http://tools.ietf.org/html/draft-ietf-idr-idrp2-00">http://tools.ietf.org/html/draft-ietf-idr-idrp2-00</a>
<b>Global ID</b>	L3:45
<b>ID</b>	799
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	network-control
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	-

## IEEE-MMS-SSL

<b>Name/CLI Keyword</b>	ieee-mms-ssl
<b>Full Name</b>	IEEE-MMS-SSL
<b>Description</b>	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards define a software component model for working with removable media as well as a number of protocols that define interfaces between the components. These standards enable vendors to construct applications that use removable media as well as components of an MMS that interoperate with other MMS components.
<b>Reference</b>	<a href="http://grouper.ieee.org/groups/1619/email/pdf00001.pdf">http://grouper.ieee.org/groups/1619/email/pdf00001.pdf</a>
<b>Global ID</b>	L4:695
<b>ID</b>	603
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	industrial-protocols
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,spdy



## IEEE-MMS

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

# IFMP

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

# IGMP

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

# IGRP

<b>Name/CLI Keyword</b>	igrp
<b>Full Name</b>	Cisco Interior Gateway Routing Protocol
<b>Description</b>	Interior Gateway Routing Protocol (IGRP) is a distance vector interior routing protocol (IGP) invented by Cisco. It is used by routers to exchange routing data within an autonomous system. IGRP is a proprietary protocol. IGRP supports multiple metrics for each route, including bandwidth, delay, load, MTU, and reliability. IGRP is considered a classful routing protocol.
<b>Reference</b>	<a href="http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml">http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml</a>
<b>Global ID</b>	L3:9
<b>ID</b>	764
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	network-control
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	tcp,udp

# IIOP

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

# IL

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

# IMAP

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

# IMDB

<b>Name/CLI Keyword</b>	imdb
<b>Full Name</b>	IMDB
<b>Description</b>	IMDB - Movie information, reviews and previews
<b>Reference</b>	<a href="http://imdb.com">http://imdb.com</a>
<b>Global ID</b>	L7:529
<b>ID</b>	262
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic



# IMGUR

<b>Name/CLI Keyword</b>	imgur
<b>Full Name</b>	Imgur
<b>Description</b>	Imgur is an online image sharing community and image host.
<b>Reference</b>	<a href="https://imgur.com/">https://imgur.com/</a>
<b>Global ID</b>	L7:292
<b>ID</b>	292
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant
<b>Category</b>	social-networking
<b>Sub Category</b>	consumer-web-browsing
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns

# IMSP

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

# INBUSINESS

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

# INDEED-COM

<b>Name/CLI Keyword</b>	indeed-com
<b>Full Name</b>	Indeed
<b>Description</b>	Indeed - The job search engine.
<b>Reference</b>	<a href="http://indeed.com">http://indeed.com</a>
<b>Global ID</b>	L7:649
<b>ID</b>	1578
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INDEPENDENT-NEWS

<b>Name/CLI Keyword</b>	independent-news
<b>Full Name</b>	Destructoid
<b>Description</b>	Destructoid - An independent blog focused on video games.
<b>Reference</b>	<a href="http://independent.co.uk">http://independent.co.uk</a>
<b>Global ID</b>	L7:724
<b>ID</b>	1654
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INDIEGOGO

<b>Name/CLI Keyword</b>	indiegogo
<b>Full Name</b>	Indiegogo
<b>Description</b>	Indiegogo - Online Fund raiser for new ideas/products.
<b>Reference</b>	<a href="http://indiegogo.com">http://indiegogo.com</a>
<b>Global ID</b>	L7:805
<b>ID</b>	1733
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INDIATIMES

<b>Name/CLI Keyword</b>	indiatimes
<b>Full Name</b>	Indiatimes
<b>Description</b>	Indiatimes - Online news portal.
<b>Reference</b>	<a href="http://indiatimes.com">http://indiatimes.com</a>
<b>Global ID</b>	L7:632
<b>ID</b>	1561
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INFOSEEK

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



# INFUSIONSOFT

<b>Name/CLI Keyword</b>	infusionsoft
<b>Full Name</b>	Infusionsoft
<b>Description</b>	Infusionsoft - Software company providing solutions for sales and marketing.
<b>Reference</b>	<a href="http://infusionsoft.com">http://infusionsoft.com</a>
<b>Global ID</b>	L7:713
<b>ID</b>	1643
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INGRES-NET

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

# INSTAGRAM

<b>Name/CLI Keyword</b>	Instagram
<b>Full Name</b>	Instagram
<b>Description</b>	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.
<b>Reference</b>	<a href="http://instagram.com/">http://instagram.com/</a>
<b>Global ID</b>	L7:598
<b>ID</b>	1537
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	social-networking
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INSTITUTE-OF-HEALTH

<b>Name/CLI Keyword</b>	institute-of-health
<b>Full Name</b>	NIH
<b>Description</b>	NIH - National Institutes of Health, agency of the US Department of Health and Human Services.
<b>Reference</b>	<a href="http://nih.gov">http://nih.gov</a>
<b>Global ID</b>	L7:661
<b>ID</b>	1590
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INSTITUT-SF

<b>Name/CLI Keyword</b>	institut-sf
<b>Full Name</b>	Institut-SF
<b>Description</b>	Institut Studio Francais, an institution teaching the French language. Offers online private French courses.
<b>Reference</b>	<a href="https://www.institut-sf.com/">https://www.institut-sf.com/</a>
<b>Global ID</b>	L7:1212
<b>ID</b>	1212
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns

# INTECOURIER

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

# INTEGRA-SME

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

# INTERNET-AUDIO-STREAMING

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





# INTRINSA

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

# INTUIT

<b>Name/CLI Keyword</b>	intuit
<b>Full Name</b>	Intuit
<b>Description</b>	Intuit - Software company for financial and tax related services.
<b>Reference</b>	<a href="http://intuit.com">http://intuit.com</a>
<b>Global ID</b>	L7:665
<b>ID</b>	1594
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# INVESTOPEDIA

<b>Name/CLI Keyword</b>	investopedia
<b>Full Name</b>	Investopedia
<b>Description</b>	Investopedia - A wiki focused on information related to investments.
<b>Reference</b>	<a href="http://investopedia.com">http://investopedia.com</a>
<b>Global ID</b>	L7:783
<b>ID</b>	1711
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# IPASS

<b>Name/CLI Keyword</b>	ipass
<b>Full Name</b>	iPass
<b>Description</b>	iPass allow users to connect to millions of hotspots around the world.
<b>Reference</b>	<a href="http://ipass.com/">http://ipass.com/</a>
<b>Global ID</b>	L7:1007
<b>ID</b>	1007
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	dns,http,ssl

# IPFIX

<b>Name/CLI Keyword</b>	ipfix
<b>Full Name</b>	IPFIX
<b>Description</b>	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.
<b>Reference</b>	<a href="https://en.wikipedia.org/wiki/IP_Flow_Information_Export">https://en.wikipedia.org/wiki/IP_Flow_Information_Export</a>
<b>Global ID</b>	L7:606
<b>ID</b>	1545
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Traffic-class</b>	ops-admin-mgmt
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# IP-MESSENGER

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

# IPCD

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



# IPCOMP

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

# IPCSERVER

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

# IPCV

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

# IPDD

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

# IPERF

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

# IPINIP

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

# IPIP

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

# IPLT

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



# IP-MESSENGER

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

# IPP

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

# IPPC

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

# IPSEC

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

# IPV6-FRAG

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

## IPV6-ICMP

<b>Name/CLI Keyword</b>	ipv6-icmp
<b>Full Name</b>	ICMP for IPv6
<b>Description</b>	Internet Control Message Protocol version 6 (ICMPv6) is the implementation of the Internet Control Message Protocol (ICMP) for Internet Protocol version 6 (IPv6). ICMPv6 is an integral part of IPv6 and performs error reporting, diagnostic functions (e.g., ping), and a framework for extensions to implement future changes.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc4443">http://tools.ietf.org/html/rfc4443</a>
<b>Global ID</b>	L3:58
<b>ID</b>	812
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	ops-admin-mgmt
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	tcp,udp

## IPV6-NONXT

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

## IPV6-OPTS

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



# IPV6-ROUTE

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

# IPV6INIP

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

# IPX-IN-IP

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

## IRC-SERV

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

# IRC

<b>Name/CLI Keyword</b>	irc
<b>Full Name</b>	Internet Relay Chat
<b>Description</b>	Internet Relay Chat (IRC) protocol is used for chat messaging in real time. It can be used for conferencing or one-on-one chatting. The protocol works on client-server architecture with a distributed manner. An IRC server usually listens on TCP port 194.
<b>Reference</b>	<a href="http://www.irchelp.org/irchelp/rfc/rfc.html">http://www.irchelp.org/irchelp/rfc/rfc.html</a>
<b>Global ID</b>	L4:194
<b>ID</b>	19
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	irc-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	instant-messaging
<b>Sub Category</b>	voice-video-chat-collaboration
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# IRTP

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

# IS99C

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

# IS99S

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



# ISAKMP

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

## ISATAP-IPV6-TUNNELED

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

# ISCSI-TARGET

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

# ISCSI

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

# ISI-GL

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

# ISIS

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

# ISO-ILL

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

# ISO-IP

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



# ISO-TP0

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

## ISO-TP4

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

## ISO-TSAP-C2

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

# ISO-TSAP

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

# ITM-MCELL-S

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

# ITUNES

<b>Name/CLI Keyword</b>	itunes
<b>Full Name</b>	iTunes
<b>Description</b>	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, 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.
<b>Reference</b>	<a href="http://www.apple.com/itunes/">http://www.apple.com/itunes/</a>
<b>Global ID</b>	L7:434
<b>ID</b>	461
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-file-sharing
<b>Sub Category</b>	os-updates
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic

# ITUNES-AUDIO

<b>Name/CLI Keyword</b>	itunes-audio
<b>Full Name</b>	iTunes-audio
<b>Description</b>	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies, etc. on their MAC/ Win PC/ iDevices running iTunes. iTunes-audio refers to all audio streaming media services generated by iTunes such as play music, podcasts, and audiobooks.
<b>Reference</b>	<a href="http://www.apple.com/itunes/">http://www.apple.com/itunes/</a>
<b>Global ID</b>	L7:571
<b>ID</b>	1510
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	-
<b>Sub Category</b>	-
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,itunes,ssl,dns,quic

# ITUNES-MEDIA

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



# ITUNES-VIDEO

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

# JARGON

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

# JAVA-WEB-PORTAL

<b>Name/CLI Keyword</b>	java-web-portal
<b>Full Name</b>	Java Update
<b>Description</b>	Java Update - Java update software service.
<b>Reference</b>	<a href="http://java.com">http://java.com</a>
<b>Global ID</b>	L7:716
<b>ID</b>	1646
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# JIMDO

<b>Name/CLI Keyword</b>	jimdo
<b>Full Name</b>	Jimdo
<b>Description</b>	Jimdo - Portal for to creating web site and blog.
<b>Reference</b>	<a href="http://jimdo.com">http://jimdo.com</a>
<b>Global ID</b>	L7:748
<b>ID</b>	1678
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# JINGDONG-360BUY

<b>Name/CLI Keyword</b>	jingdong-360buy
<b>Full Name</b>	Jingdong (360buy.com)
<b>Description</b>	Jingdong (360buy.com) - Chinese e-commerce site.
<b>Reference</b>	<a href="http://360buy.com">http://360buy.com</a>
<b>Global ID</b>	L7:624
<b>ID</b>	1550
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# JIRA

<b>Name/CLI Keyword</b>	jira
<b>Full Name</b>	Jira
<b>Description</b>	Issue tracking product by Atlassian.
<b>Reference</b>	<a href="https://jira.atlassian.com/">https://jira.atlassian.com/</a>
<b>Global ID</b>	L7:1179
<b>ID</b>	1179
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	enterprise-transactional-apps
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns

# JIVE-SOFTWARE

<b>Name/CLI Keyword</b>	jive-software
<b>Full Name</b>	Jive Software
<b>Description</b>	Communication and collaboration solutions for business.
<b>Reference</b>	<a href="https://www.jivesoftware.com">https://www.jivesoftware.com</a>
<b>Global ID</b>	L7:1191
<b>ID</b>	1191
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	voice-and-video
<b>Sub Category</b>	enterprise-media-conferencing
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-conferencing
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns

# Joomla

<b>Name/CLI Keyword</b>	joomla
<b>Full Name</b>	Joomla
<b>Description</b>	Joomla - Content Management System for building web sites.
<b>Reference</b>	<a href="http://joomla.org">http://joomla.org</a>
<b>Global ID</b>	L7:419
<b>ID</b>	255
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic