



## Protocols: 0-9, A

---

- [3COM-AMP3](#), on page 4
- [3COM-TSMUX](#), on page 5
- [3PC](#), on page 6
- [4CHAN](#), on page 7
- [58-CITY](#), on page 8
- [914C G](#), on page 9
- [9PFS](#), on page 10
- [ABC-NEWS](#), on page 11
- [ACAP](#), on page 12
- [ACAS](#), on page 13
- [ACCESSBUILDER](#), on page 14
- [ACCESSNETWORK](#), on page 15
- [ACCUWEATHER](#), on page 16
- [ACP](#), on page 17
- [ACR-NEMA](#), on page 18
- [ACTIVE-DIRECTORY](#), on page 19
- [ACTIVESYNC](#), on page 20
- [ADCASH](#), on page 21
- [ADDTTHIS](#), on page 22
- [ADOBE-CONNECT](#), on page 23
- [ADOBE-SERVICES](#), on page 24
- [ADP](#), on page 25
- [ADWEEK](#), on page 26
- [AED-512](#), on page 27
- [AFPOVERTCP](#), on page 28
- [AGENTX](#), on page 29
- [AIRBNB](#), on page 30
- [AIRPLAY](#), on page 31
- [AKAMAI](#), on page 32
- [ALIWANGWANG](#), on page 33
- [ALLRECIPES](#), on page 34
- [ALPES](#), on page 35
- [AMANDA](#), on page 36

- AMAZON, on page 37
- AMAZON-CLOUDFRONT, on page 38
- AMAZON-EC2, on page 39
- AMAZON-INSTANT-VIDEO, on page 40
- AMAZON-S3, on page 41
- AMAZON-WEB-SERVICES, on page 42
- AMEBA, on page 43
- AMERICAN-EXPRESS, on page 44
- AMINET, on page 45
- AN, on page 46
- ANCESTRY-COM, on page 47
- ANDROID-UPDATES, on page 48
- ANET, on page 49
- ANSANOTIFY, on page 50
- ANSATRADER, on page 51
- ANY-HOST-INTERNAL, on page 52
- AODV, on page 53
- AOL-MESSENGER, on page 54
- AOL-MESSENGER-AUDIO, on page 55
- AOL-MESSENGER-FT, on page 56
- AOL-MESSENGER-VIDEO, on page 57
- AOL-PROTOCOL, on page 58
- APC-POWERCHUTE, on page 59
- APERTUS-LDP, on page 60
- APPLE-APP-STORE, on page 61
- APPLE-IOS-UPDATES, on page 62
- APPLE-LOCATION-SERVICES, on page 63
- APPLE-PAY, on page 64
- APPLE-PUSH-NOTIFICATION, on page 65
- APPLE-REMOTE-DESKTOP, on page 66
- APPLE-SERVICES, on page 67
- APPLE-TV-UPDATES, on page 68
- APPLE-UPDATES, on page 69
- APPLEJUICE, on page 70
- APPLEQTC, on page 71
- APPLEQTCSRVR, on page 72
- APPLIX, on page 73
- ARCISDMS, on page 74
- ARES, on page 75
- ARGUS, on page 76
- ARIEL1, on page 77
- ARIEL2, on page 78
- ARIEL3, on page 79
- ARIS, on page 80
- ARNS, on page 81
- ARUBA-PAPI, on page 82

- ASA, on page 83
- ASA-APPL-PROTO, on page 84
- ASIPREGISTRY, on page 85
- ASIP-WEBADMIN, on page 86
- ASK-COM, on page 87
- AS-SERVERMAP, on page 88
- ASUS, on page 89
- AT-3, on page 90
- AT-5, on page 91
- AT-7, on page 92
- AT-8, on page 93
- AT-ECHO, on page 94
- ATLASSIAN, on page 95
- AT-NBP, on page 96
- AT-RTMP, on page 97
- AT-ZIS, on page 98
- ATT-WEB-SERVICES, on page 99
- AUDIBLE-COM, on page 100
- AUDIO-OVER-HTTP, on page 101
- AUDIT, on page 102
- AUDITD, on page 103
- AURORA-CMGR, on page 104
- AURP, on page 105
- AUTH, on page 106
- AVAST-ANTIVIRUS, on page 107
- AVIAN, on page 108
- AVOCENT, on page 109
- AWEBER, on page 110
- AX25, on page 111
- AYIYA-IPV6-TUNNELED, on page 112

# 3COM-AMP3

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

## 3COM-TSMUX

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

# 3PC

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

# 4CHAN

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

# 58-CITY

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



# 914C G

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

# 9PFS

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

# ABC-NEWS

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

# ACAP

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

# ACAS

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

# ACCESSBUILDER

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

# ACCESSNETWORK

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

# ACCUWEATHER

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



# ACP

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

# ACR-NEMA

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

# ACTIVE-DIRECTORY

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

# ACTIVESYNC

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

# ADCASH

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

# ADDTHIS

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

# ADOBE-CONNECT

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

# ADOBE-SERVICES

<b>Name/CLI Keyword</b>	adobe-services
<b>Full Name</b>	Adobe Services
<b>Description</b>	Tools and APIs used by Adobe applications.
<b>Reference</b>	<a href="https://www.adobe.com/">https://www.adobe.com/</a>
<b>Global ID</b>	L7:1203
<b>ID</b>	1203
<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>	enterprise-cloud-services
<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



# ADP

<b>Name/CLI Keyword</b>	adp
<b>Full Name</b>	Automatic Data Processing
<b>Description</b>	Human resources management software and services.
<b>Reference</b>	<a href="https://www.adp.com">https://www.adp.com</a> , <a href="https://workcenter.secure.probusiness.com">https://workcenter.secure.probusiness.com</a>
<b>Global ID</b>	L7:1185
<b>ID</b>	1185
<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>	unassigned
<b>Traffic-class</b>	transactional-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns

# ADWEEK

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

# AED-512

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

# AFPOVERTCP

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

# AGENTX

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

# AIRBNB

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

# AIRPLAY

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

# AKAMAI

<b>Name/CLI Keyword</b>	akamai
<b>Full Name</b>	Akamai
<b>Description</b>	Akamai Technologies, Inc. is an American content delivery network (CDN) and cloud services provider. The company operates a network of servers around the world and rents capacity on these servers to customers who want their websites to work faster by distributing content from locations close to the user.
<b>Reference</b>	<a href="https://www.akamai.com/">https://www.akamai.com/</a>
<b>Global ID</b>	L7:1171
<b>ID</b>	1171
<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>	consumer-web-browsing
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns



# ALIWANGWANG

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

# ALLRECIPES

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

# ALPES

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

# AMANDA

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

# AMAZON

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

# AMAZON-CLOUDFRONT

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

# AMAZON-EC2

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

# AMAZON-INSTANT-VIDEO

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



# AMAZON-S3

<b>Name/CLI Keyword</b>	amazon-s3
<b>Full Name</b>	Amazon S3
<b>Description</b>	Amazon S3 provides object storage through web services interfaces (REST, SOAP, and BitTorrent).
<b>Reference</b>	<a href="https://aws.amazon.com/s3/">https://aws.amazon.com/s3/</a>
<b>Global ID</b>	L7:1248
<b>ID</b>	1248
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	amazon-group
<b>Business Relevance</b>	default
<b>Category</b>	backup-and-storage
<b>Sub Category</b>	enterprise-cloud-data-storage
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns

# AMAZON-WEB-SERVICES

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

# AMEBA

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

# AMERICAN-EXPRESS

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

# AMINET

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

# AN

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

# ANCESTRY-COM

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

## ANDROID-UPDATES

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



# ANET

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

# ANSANOTIFY

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

# ANSATRADER

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

# ANY-HOST-INTERNAL

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

# AODV

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

# AOL-MESSENGER

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

# AOL-MESSENGER-AUDIO

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

## AOL-MESSENGER-FT

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



# AOL-MESSENGER-VIDEO

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

# AOL-PROTOCOL

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

# APC-POWERCHUTE

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

## APERTUS-LDP

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

# APPLE-APP-STORE

<b>Name/CLI Keyword</b>	apple-app-store
<b>Full Name</b>	Apple App Store
<b>Description</b>	Apple App Store is a digital distribution platform for iOS/OS X applications, developed by Apple Inc. The service allows users to browse, download and update applications into their MAC/Apple devices.
<b>Reference</b>	<a href="http://www.apple.com/osx/apps/app-store.html">http://www.apple.com/osx/apps/app-store.html</a> , <a href="http://www.apple.com/itunes/features/#store">http://www.apple.com/itunes/features/#store</a>
<b>Global ID</b>	L7:588
<b>ID</b>	1527
<b>IP Version</b>	
IPv4 Support	No
IPv6 Support	No
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	default
<b>Category</b>	software-updates
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http

# APPLE-IOS-UPDATES

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

# APPLE-LOCATION-SERVICES

<b>Name/CLI Keyword</b>	apple-location-services
<b>Full Name</b>	Apple Location Services
<b>Description</b>	Apple Location Services allows Apple and third-party apps and websites to gather and use information based on the current location of your iPhone or Apple Watch, to provide a variety of location-based services.
<b>Reference</b>	<a href="https://www.apple.com/">https://www.apple.com/</a>
<b>Global ID</b>	L7:294
<b>ID</b>	294
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	default
<b>Category</b>	location-based-services
<b>Sub Category</b>	other
<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

# APPLE-PAY

<b>Name/CLI Keyword</b>	apple-pay
<b>Full Name</b>	Apple Pay
<b>Description</b>	Apple Pay is a mobile payment and digital wallet service enabling payments by iPhone, Apple Watch, iPad or Mac.
<b>Reference</b>	<a href="https://www.apple.com/apple-pay/">https://www.apple.com/apple-pay/</a>
<b>Global ID</b>	L7:1117
<b>ID</b>	1117
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	business-irrelevant
<b>Category</b>	consumer-internet
<b>Sub Category</b>	other
<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



# APPLE-PUSH-NOTIFICATION

<b>Name/CLI Keyword</b>	apple-push-notification
<b>Full Name</b>	Apple Push Notification Service
<b>Description</b>	Apple Push Notification Service (APNs) is a platform notification service created by Apple Inc. that enables third party application developers to send notification data to applications installed on Apple devices.
<b>Reference</b>	<a href="https://developer.apple.com/go/?id=push-notifications">https://developer.apple.com/go/?id=push-notifications</a>
<b>Global ID</b>	L7:1169
<b>ID</b>	1169
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	default
<b>Category</b>	other
<b>Sub Category</b>	other
<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

# APPLE-REMOTE-DESKTOP

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

# APPLE-SERVICES

<b>Name/CLI Keyword</b>	apple-services
<b>Full Name</b>	Apple services
<b>Description</b>	apple-services is a set of tools and APIs used by Apple applications such as AppStore and apple website.
<b>Reference</b>	<a href="http://www.apple.com">http://www.apple.com</a>
<b>Global ID</b>	L7:577
<b>ID</b>	1516
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	-
<b>Business Relevance</b>	business-irrelevant
<b>Category</b>	consumer-internet
<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>	ssl,http,dns,quic

# APPLE-TV-UPDATES

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

# APPLE-UPDATES

<b>Name/CLI Keyword</b>	apple-updates
<b>Full Name</b>	Apple Updates
<b>Description</b>	Apple updates provides updates for Apple platforms and applications.
<b>Reference</b>	<a href="https://support.apple.com/downloads/">https://support.apple.com/downloads/</a>
<b>Global ID</b>	L7:1095
<b>ID</b>	1095
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-group
<b>Business Relevance</b>	default
<b>Category</b>	software-updates
<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>	http,ssl,dns

# APPLEJUICE

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

# APPLEQTC

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

# APPLEQTCSRVR

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



# APPLIX

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

# ARCISDMS

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

# ARES

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

# ARGUS

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

# ARIEL1

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

# ARIEL2

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

# ARIEL3

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

# ARIS

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



# ARNS

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

# ARUBA-PAPI

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

# ASA

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

## ASA-APPL-PROTO

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

# ASIPREGISTRY

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

# ASIP-WEBADMIN

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

# ASK-COM

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

# AS-SERVERMAP

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



# ASUS

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

# AT-3

<b>Name/CLI Keyword</b>	at-3
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 203 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:203
<b>ID</b>	1101
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<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>	ops-admin-mgmt
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	tcp,udp

## AT-5

<b>Name/CLI Keyword</b>	at-5
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 205 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:205
<b>ID</b>	1103
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<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>	ops-admin-mgmt
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	tcp,udp

## AT-7

<b>Name/CLI Keyword</b>	at-7
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 207 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:207
<b>ID</b>	1105
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<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>	ops-admin-mgmt
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	tcp,udp

# AT-8

<b>Name/CLI Keyword</b>	at-8
<b>Full Name</b>	AppleTalk Unused
<b>Description</b>	Registered with IANA on port 208 TCP/UDP
<b>Reference</b>	<a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a>
<b>Global ID</b>	L4:208
<b>ID</b>	1106
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	apple-talk-group
<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>	ops-admin-mgmt
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	tcp,udp

# AT-ECHO

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

# ATLASSIAN

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

## AT-NBP

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



# AT-RTMP

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

# AT-ZIS

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

# ATT-WEB-SERVICES

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

# AUDIBLE-COM

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

# AUDIO-OVER-HTTP

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

# AUDIT

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

# AUDITD

<b>Name/CLI Keyword</b>	auditd
<b>Full Name</b>	Digital Audit daemon
<b>Description</b>	The audit daemon, auditd, operates as a server, monitoring /dev/audit for local audit data, monitoring a known port for data from remote cooperating audit daemons, and monitoring an AF_UNIX socket for input from the system administrator.
<b>Reference</b>	<a href="http://30097.www3.hp.com/docbase_doc/DOCUMENTATION/V51_HTML/MAN/MAN80030___HTM">http://30097.www3.hp.com/docbase_doc/DOCUMENTATION/V51_HTML/MAN/MAN80030___HTM</a>
<b>Global ID</b>	L4:48
<b>ID</b>	928
<b>Known Mappings</b>	
UDP Port	48
TCP Port	48
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	network-management
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# AURORA-CMGR

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



# AURP

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

# AUTH

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

# AVAST-ANTIVIRUS

<b>Name/CLI Keyword</b>	avast-antivirus
<b>Full Name</b>	Avast Antivirus
<b>Description</b>	Avast Antivirus and security.
<b>Reference</b>	<a href="http://www.avast.com">http://www.avast.com</a>
<b>Global ID</b>	L7:1017
<b>ID</b>	1017
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	bulk-data
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	dns,http,ssl

# AVIAN

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

# AVOCENT

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

# AWEBER

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

# AX25

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

## AYIYA-IPV6-TUNNELED

<b>Name/CLI Keyword</b>	ayiya-ipv6-tunneled
<b>Full Name</b>	Ayiya IPv6 Tunneled
<b>Description</b>	Anything In Anything (AYIYA) is a tunneling protocol that connects islands of IP traffic. The protocol in NBAR supports only IPV6 tunneled over IPV4 (not IPV6 over IPV6).
<b>Reference</b>	<a href="http://www.sixxs.net/tools/ayiya/">http://www.sixxs.net/tools/ayiya/</a>
<b>Global ID</b>	L7:327
<b>ID</b>	1220
<b>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>	-