



## Protocols: N

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# NAME

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



# NAMP

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



# NAPSTER

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



# NARP

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



# NAS

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



# NATE-COM

<b>Name/CLI Keyword</b>	nate-com
<b>Full Name</b>	Nate
<b>Description</b>	Nate - Web portal and Search engine.
<b>Reference</b>	<a href="http://nate.com">http://nate.com</a>
<b>Global ID</b>	L7:775
<b>ID</b>	1705
<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

# NATIONAL-PUBLIC-RADIO

<b>Name/CLI Keyword</b>	national-public-radio
<b>Full Name</b>	National Public Radio
<b>Description</b>	National Public Radio - US radio station to provide news and other programs.
<b>Reference</b>	<a href="http://npr.org">http://npr.org</a>
<b>Global ID</b>	L7:711
<b>ID</b>	1641
<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

# NAVER-LINE

<b>Name/CLI Keyword</b>	naver-line
<b>Full Name</b>	Naver Line
<b>Description</b>	Naver-line is a Japanese proprietary application for instant messaging on smartphones and PCs. Naver-Line users exchange text messages, graphics, video and audio media, make free VoIP calls, and hold free audio or video conferences
<b>Reference</b>	<a href="http://line.me/ko/">http://line.me/ko/</a>
<b>Global ID</b>	L7:573
<b>ID</b>	1512
<b>Known Mappings</b>	
UDP Port	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>	multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,stun-nat,dns,quic

# NBC-NEWS

<b>Name/CLI Keyword</b>	nbc-news
<b>Full Name</b>	NBC News
<b>Description</b>	NBC News - NBC Universals news website.
<b>Reference</b>	<a href="http://nbcnews.com">http://nbcnews.com</a>
<b>Global ID</b>	L7:719
<b>ID</b>	1649
<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



# NCED

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

# NCLD

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

# NCP

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



## NCUBE-LM

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



# NDMP

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





# NDSAUTH

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

# NEST-PROTOCOL

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



# NET-ASSISTANT

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

# NET8-CMAN

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

# NETAPP-SNAPMIRROR

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

# NETBIOS

<b>Name/CLI Keyword</b>	netbios
<b>Full Name</b>	Netbios
<b>Description</b>	Network Basic Input/Output System (NetBIOS) provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. As strictly an API, NetBIOS is not a networking protocol. In modern networks, NetBIOS normally runs over TCP/IP via the NetBIOS over TCP/IP (NBT) protocol. This results in each computer in the network having both an IP address and a NetBIOS name corresponding to a (possibly different) host name.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc1001.txt">http://www.ietf.org/rfc/rfc1001.txt</a>
<b>Global ID</b>	L7:26
<b>ID</b>	26
<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>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No

<b>Underlying Protocols</b>	-
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# NETBIOS-DGM

<b>Name/CLI Keyword</b>	netbios-dgm
<b>Full Name</b>	NetBIOS's Datagram Distribution Service
<b>Description</b>	NetBIOS's datagram distribution service is the part of the NetBIOS-over-TCP/UDP protocol suite for connectionless communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's datagram distribution service provides a connectionless service which means that the error detection and recovery are the application responsibility.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1002">http://tools.ietf.org/html/rfc1002</a>
<b>Global ID</b>	L4:138
<b>ID</b>	1505
<b>Known Mappings</b>	
UDP Port	138
TCP Port	138
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	-
IPv6 Support	-
<b>Application Group</b>	netbios-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No

<b>Underlying Protocols</b>	-
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# NETBIOS-NS

<b>Name/CLI Keyword</b>	netbios-ns
<b>Full Name</b>	NetBIOS Naming Service
<b>Description</b>	NetBIOS Name Service is part of the NetBIOS-over-TCP/UDP protocol suite for name registration and resolution. It provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. In NetBIOS, each participant must register on the network using a unique name. NetBIOS over TCP/IP can implement a central repository or Name Service that records all name registrations. It only supports IPV4 addresses and typically works on TCP/UDP port 137.
<b>Reference</b>	<a href="http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053">http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053</a>
<b>Global ID</b>	L4:137
<b>ID</b>	1421
<b>Known Mappings</b>	
UDP Port	-
TCP Port	137
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	netbios-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.

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

# NETBIOS-SSN

<b>Name/CLI Keyword</b>	netbios-ssn
<b>Full Name</b>	NetBIOS's session service
<b>Description</b>	NetBIOS's session service is the part of the NetBIOS-over-TCP/UDP protocol suite for connection oriented communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's session service allows two machines to form a connection, mechanisms for error detection and recovery and multiple packets messages.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1002">http://tools.ietf.org/html/rfc1002</a>
<b>Global ID</b>	L4:139
<b>ID</b>	1506
<b>Known Mappings</b>	
UDP Port	139
TCP Port	139
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	-
IPv6 Support	-
<b>Application Group</b>	netbios-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	net-admin
<b>Sub Category</b>	naming-services
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No

<b>Underlying Protocols</b>	-
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# NETBLT

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

# NETFLIX

<b>Name/CLI Keyword</b>	netflix
<b>Full Name</b>	Netflix
<b>Description</b>	Netflix is an American provider of on-demand internet streaming media in the United States, Canada, and Latin America. Netflix on-demand Internet video streaming ("Watch Instantly") works on Windows or Mac OS X and compatible devices. The services underlying protocols are HTTP and SSL.
<b>Reference</b>	<a href="http://www.netflix.com/">http://www.netflix.com/</a>
<b>Global ID</b>	L7:457
<b>ID</b>	1316
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	voice-and-video
<b>Sub Category</b>	streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic





# NETFLOW

<b>Name/CLI Keyword</b>	netflow
<b>Full Name</b>	Netflow
<b>Description</b>	NetFlow is a network protocol developed by Cisco Systems for collecting IP traffic information and monitoring network traffic. This protocol classifies version 9 of Netflow, while version 10 is classified as IPFIX.
<b>Reference</b>	<a href="http://www.oiseyer.com/index-e.php">http://www.oiseyer.com/index-e.php</a>
<b>Global ID</b>	L7:604
<b>ID</b>	1543
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Category</b>	net-admin
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NETGW

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

# NETNEWS

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

## NETOP-REMOTE-CONTROL

<b>Name/CLI Keyword</b>	netop-remote-control
<b>Full Name</b>	Netop Remote Control
<b>Description</b>	Netop Remote Control provides solutions for the remote management and support of enterprise IT infrastructure, help desk, customer service, kiosk and POS devices. The cross-platform capabilities make it possible to access the most common operating systems from any operating system of the same selection. Connection over the Internet is possible to both pre-installed clients as well as on-demand clients. Netop supports access to computers not having loaded the operating system for maintenance of BIOS etc.
<b>Reference</b>	<a href="http://www.netop.com/products/administration/remote.htm">http://www.netop.com/products/administration/remote.htm</a>
<b>Global ID</b>	L4:1970
<b>ID</b>	1399
<b>Known Mappings</b>	
UDP Port	1970,1971,6502,26137
TCP Port	1970,1971,6502
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	other
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No

<b>Underlying Protocols</b>	-
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# NETRCS

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

# NETRJS-1

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





## NETRJS-2

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



## NETRJS-3

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



## NETRJS-4

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



## NETSC-DEV

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



## NETSC-PROD

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

# NETSHOW

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



# NETVIEWDM1

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

<b>Underlying Protocols</b>	-
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## NETVIEWDM2

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

<b>Underlying Protocols</b>	-
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## NETVIEWDM3

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



<b>Underlying Protocols</b>	-
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## NETVMG-TRACEROUTE

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

# NETWALL

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

## NETWARE-IP

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



## NETWORKING-GNUTELLA

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

## NEW-RWHO

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

# NEXTSTEP

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





# NFS

<b>Name/CLI Keyword</b>	nfs
<b>Full Name</b>	Network File System
<b>Description</b>	Network File System (NFS) is a distributed file system that allows users to access and modify files remotely as if they were local files. The protocol is based on client server architecture and typically uses TCP/UDP port 2049.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3530.txt">http://www.ietf.org/rfc/rfc3530.txt</a>
<b>Global ID</b>	L4:2049
<b>ID</b>	27
<b>Known Mappings</b>	
UDP Port	111,371,2049
TCP Port	111,371,2049
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	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>	sunrpc

# NHL-COM

<b>Name/CLI Keyword</b>	NHL-COM
<b>Full Name</b>	NHL.com
<b>Description</b>	NHL.com - The National Hockey League official website.
<b>Reference</b>	<a href="http://nhl.com">http://nhl.com</a>
<b>Global ID</b>	L7:761
<b>ID</b>	1691
<b>Known Mappings</b>	
UDP Port	53,5353
TCP Port	53,80,443,5353
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE Release 3.16S and 15.5(3)M.
<b>Category</b>	browsing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic Class</b>	transactional-data. From Cisco IOS XE Release 3.16S and 15.5(3)M.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	ssl,http,dns,quic

# NI-FTP

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

# NI-MAIL

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

# NICNAME

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

# NICO-VIDEO

<b>Name/CLI Keyword</b>	nico-video
<b>Full Name</b>	Niconico
<b>Description</b>	Nico-video (also known as nico-nico) is a video sharing website in Japan managed by Niwango, a subsidiary of Dwango. Users can upload, view and share video clips. Unlike other video sharing sites, comments are overlaid directly onto the video and synced to a specific playback time.
<b>Reference</b>	<a href="http://www.nicovideo.jp/">http://www.nicovideo.jp/</a>
<b>Global ID</b>	L7:596
<b>ID</b>	1535
<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>	flash-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	consumer-messaging
<b>Sub Category</b>	consumer-video-streaming
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	http,ssl,dns,quic





# NIKE

<b>Name/CLI Keyword</b>	nike
<b>Full Name</b>	Nike
<b>Description</b>	Nike - Shoe and sports apparel manufacturer.
<b>Reference</b>	<a href="http://nike.com">http://nike.com</a>
<b>Global ID</b>	L7:734
<b>ID</b>	1664
<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

# NLOGIN

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

# NMAP

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

Underlying Protocols	-
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# NMSP

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

# NNSP

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

# NNTP

<b>Name/CLI Keyword</b>	nntp
<b>Full Name</b>	Network News Transfer Protocol
<b>Description</b>	Network News Transfer Protocol (NNTP) is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers. Usually the TCP port is 119, and NNTP over SSL TCP/UDP port is 563.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc3977">http://tools.ietf.org/html/rfc3977</a>
<b>Global ID</b>	L4:119
<b>ID</b>	28
<b>Known Mappings</b>	
UDP Port	119
TCP Port	119
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	nntp-group
<b>Business Relevance</b>	business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	newsgroup
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# NOAA

<b>Name/CLI Keyword</b>	noaa
<b>Full Name</b>	NOAA
<b>Description</b>	NOAA - Ocean and Atmospheric research agency.
<b>Reference</b>	<a href="http://noaa.gov">http://noaa.gov</a>
<b>Global ID</b>	L7:793
<b>ID</b>	1721
<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



# NOTES

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



# NOVADIGM

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

# NOVASTORBAKUP

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

# NPMP-GUI

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

# NPMP-LOCAL

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

# NPMP-TRAP

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

# NPP

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



# NQS

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



# NS

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



## NSFNET-IGP

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

# NSIIOPS

<b>Name/CLI Keyword</b>	nsiiops
<b>Full Name</b>	IIOB Name Service over TLS/SSL
<b>Description</b>	Internet Inter-ORB Protocol (IIOB) is used to allow different computer programs which use different programming code to communicate with one another on the Internet. IIOB Name Service operates in Secure Socket Layer and Transport Layer Security(SSL/TLS).
<b>Reference</b>	<a href="http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf">http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf</a>
<b>Global ID</b>	L4:261
<b>ID</b>	1133
<b>Known Mappings</b>	
UDP Port	261
TCP Port	261
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	corba-group
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	inter-process-rpc
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	Yes
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No

<b>Underlying Protocols</b>	ssl,spdy
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# NSRMP

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



## NSS-ROUTING

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

## NSW-FE

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

# NTALK

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

# NTP

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

## NVP-II

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

# NXEDIT

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

# NY-DAILY-NEWS

<b>Name/CLI Keyword</b>	ny-daily-news
<b>Full Name</b>	NY Daily News
<b>Description</b>	NY Daily News - News portal.
<b>Reference</b>	<a href="http://nydailynews.com">http://nydailynews.com</a>
<b>Global ID</b>	L7:731
<b>ID</b>	1661
<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

# NYTIMES

<b>Name/CLI Keyword</b>	nytimes
<b>Full Name</b>	The New York Times
<b>Description</b>	I The New York Times - Newspaper website
<b>Reference</b>	<a href="http://nyt.com">http://nyt.com</a>
<b>Global ID</b>	L7:629
<b>ID</b>	1558
<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