



## Protocols: U, V

---

- [UAAC, page 4](#)
- [UARPS, page 5](#)
- [UDPLITE, page 6](#)
- [UIS, page 8](#)
- [ULISTPROC, page 9](#)
- [ULP, page 10](#)
- [ULPNET, page 12](#)
- [ULTRASURF, page 13](#)
- [UNIDATA-LDM, page 14](#)
- [UNITE-AIRLINES, page 16](#)
- [UNIFY, page 17](#)
- [UOL, page 18](#)
- [UPS, page 19](#)
- [URM, page 20](#)
- [USAA, page 21](#)
- [USA-TODAY, page 22](#)
- [USBANK, page 23](#)
- [USPS, page 24](#)
- [UTI, page 25](#)
- [UTIME, page 26](#)
- [UTMPCD, page 27](#)
- [UTMPSD, page 28](#)
- [UUCP, page 29](#)
- [UUCP-PATH, page 31](#)

- UUCP-RLOGIN, page 32
- UUIDGEN, page 33
- VACDSM-APP, page 35
- VACDSM-SWS, page 36
- VATP, page 37
- VDOLIVE, page 38
- VEMMI, page 40
- VENTRILO, page 42
- VERIZON-WEB-SERVICES , page 44
- VERIZON-WIRELESS-WEB, page 45
- VIBER, page 46
- VID, page 47
- VIDEO-OVER-HTTP, page 48
- VIDEOTEX, page 49
- VINE, page 50
- VIRTUAL-PLACES, page 51
- VISA, page 52
- VKONTAKTE, page 53
- VMNET, page 54
- VMPWSCS, page 56
- VMTP, page 57
- VMWARE-FDM, page 59
- VMWARE-VIEW, page 61
- VMWARE-VMOTION, page 63
- VMWARE-VSPHERE, page 65
- VNAS, page 67
- VNC, page 68
- VNC-HTTP, page 69
- VPP, page 71
- VPPS-QUA, page 73
- VPPS-VIA, page 74
- VRRP, page 75
- VSINET, page 77

- [VSLMP, page 78](#)

# UAAC

<b>Name/CLI Keyword</b>	uaac
<b>Full Name</b>	UAAC Protocol
<b>Description</b>	Registered with IANA on port 145 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>	L4:145
<b>ID</b>	946
<b>Known Mappings</b>	
UDP Port	145
TCP Port	145
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>	-

# UARPS

<b>Name/CLI Keyword</b>	uarps
<b>Full Name</b>	Unisys ARPs
<b>Description</b>	Registered with IANA on port 219 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>	L4:219
<b>ID</b>	1116
<b>Known Mappings</b>	
UDP Port	219
TCP Port	219
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>	-

# UDPLITE

<b>Name/CLI Keyword</b>	udplite
<b>Full Name</b>	UDP Lite
<b>Description</b>	Lightweight User Datagram Protocol (UDP Lite) is a connectionless Transport layer protocol. UDP Lite provides partial checksums that cover only a segment of the datagrams. UDP Lite may be used in error-prone network environments that prefer to have partially damaged payloads delivered rather than discarded. UDP Lite is IP protocol number 136.
<b>Reference</b>	<a href="http://www.ietf.org/rfc/rfc3828.txt">http://www.ietf.org/rfc/rfc3828.txt</a>
<b>Global ID</b>	L3:136
<b>ID</b>	1234
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	136
<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>	-



# UIS

<b>Name/CLI Keyword</b>	uis
<b>Full Name</b>	UIS
<b>Description</b>	Registered with IANA on port 390 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>	L4:390
<b>ID</b>	306
<b>Known Mappings</b>	
UDP Port	390
TCP Port	390
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>	-



# ULISTPROC

<b>Name/CLI Keyword</b>	ulistproc
<b>Full Name</b>	List Processor
<b>Description</b>	Registered with IANA on port 372 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>	L4:372
<b>ID</b>	288
<b>Known Mappings</b>	
UDP Port	372
TCP Port	372
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>	-

# ULP

<b>Name/CLI Keyword</b>	ulp
<b>Full Name</b>	User Location Protocol
<b>Description</b>	The User Location Protocol (ULP) is the interface between a user location client and a user location server. User Location Servers are server programs that maintain dynamic information about users and the applications they are running. The server is similar to a DNS server in that the set of resource information associated with a particular user is composed of separate resource records. User Location Clients are programs that connect to user location servers. Clients can create, delete, modify, and query resource records on the server.
<b>Reference</b>	<a href="http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt">http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt</a>
<b>Global ID</b>	L4:522
<b>ID</b>	440
<b>Known Mappings</b>	
UDP Port	522
TCP Port	522
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>	-
-----------------------------	---

# ULPNET

<b>Name/CLI Keyword</b>	ulpnet
<b>Full Name</b>	Ulpnet
<b>Description</b>	Registered with IANA on port 483 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>	L4:483
<b>ID</b>	397
<b>Known Mappings</b>	
UDP Port	483
TCP Port	483
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>	-

# ULTRASURF

<b>Name/CLI Keyword</b>	ultrasurf
<b>Full Name</b>	Ultrasurf - Internet censorship circumvention<
<b>Description</b>	Ultrasurf is an internet censorship circumvention proxy as well as anonymizer. It is developed and maintained by Ultrareach Internet Corporation
<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>	L7:584
<b>ID</b>	1523
<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>	anonymizers
<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>	Yes
<b>Underlying Protocols</b>	ssl,dns,http

## UNIDATA-LDM

<b>Name/CLI Keyword</b>	unidata-ldm
<b>Full Name</b>	Unidata LDM
<b>Description</b>	The Unidata Local Data Manager (LDM) is a collection of cooperating programs that select, capture, manage, and distribute arbitrary data products. The system is designed for event-driven data distribution, and is currently used in the Unidata Internet Data Distribution (IDD) project. The LDM system includes network client and server programs and their shared protocols.
<b>Reference</b>	<a href="http://www.unidata.ucar.edu/software/ldm/">http://www.unidata.ucar.edu/software/ldm/</a>
<b>Global ID</b>	L4:388
<b>ID</b>	304
<b>Known Mappings</b>	
UDP Port	388
TCP Port	388
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>	-



# UNITE-AIRLINES

<b>Name/CLI Keyword</b>	unite-airlines
<b>Full Name</b>	United Airlines
<b>Description</b>	United Airlines - Online Flight reservation from United Airlines.
<b>Reference</b>	<a href="http://united.com">http://united.com</a>
<b>Global ID</b>	L7:753
<b>ID</b>	1683
<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



# UNIFY

<b>Name/CLI Keyword</b>	unify
<b>Full Name</b>	Unify
<b>Description</b>	Registered with IANA on port 181 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>	L4:181
<b>ID</b>	1024
<b>Known Mappings</b>	
UDP Port	181
TCP Port	181
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>	-

# UOL

<b>Name/CLI Keyword</b>	uol
<b>Full Name</b>	UOL
<b>Description</b>	UOL - Brazilian web portal for news and entertainment.
<b>Reference</b>	<a href="http://uol.com">http://uol.com</a>
<b>Global ID</b>	L7:627
<b>ID</b>	1556
<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

# UPS

<b>Name/CLI Keyword</b>	ups
<b>Full Name</b>	Uninterruptable Power Supply
<b>Description</b>	Registered with IANA on port 401 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>	L4:401
<b>ID</b>	316
<b>Known Mappings</b>	
UDP Port	401
TCP Port	401
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>	industrial-protocols
<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>	-

# URM

<b>Name/CLI Keyword</b>	urm
<b>Full Name</b>	Cray Unified Resource Manager
<b>Description</b>	Registered with IANA on port 606 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>	L4:606
<b>ID</b>	515
<b>Known Mappings</b>	
UDP Port	606
TCP Port	606
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>	-

# USAA

<b>Name/CLI Keyword</b>	usaa
<b>Full Name</b>	USAA
<b>Description</b>	USAA - Insurance company.
<b>Reference</b>	<a href="http://usaa.com">http://usaa.com</a>
<b>Global ID</b>	L7:782
<b>ID</b>	1710
<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

# USA-TODAY

<b>Name/CLI Keyword</b>	usa-today
<b>Full Name</b>	USA Today
<b>Description</b>	USA Today - Website for newspaper USA Today.
<b>Reference</b>	<a href="http://usatoday.com">http://usatoday.com</a>
<b>Global ID</b>	L7:679
<b>ID</b>	1609
<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

# USBANK

<b>Name/CLI Keyword</b>	usbank
<b>Full Name</b>	U.S.Bank
<b>Description</b>	U.S.Bank - Online banking web portal for U.S Bank.
<b>Reference</b>	<a href="http://usbank.com">http://usbank.com</a>
<b>Global ID</b>	L7:788
<b>ID</b>	1716
<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

# USPS

<b>Name/CLI Keyword</b>	usps
<b>Full Name</b>	USPS
<b>Description</b>	USPS - US Postal Service website.
<b>Reference</b>	<a href="http://usps.com">http://usps.com</a>
<b>Global ID</b>	L7:660
<b>ID</b>	1589
<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



# UTI

<b>Name/CLI Keyword</b>	uti
<b>Full Name</b>	UTI
<b>Description</b>	Registered with IANA as IP Protocol 120
<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>	L3:120
<b>ID</b>	874
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	120
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Business Relevance</b>	Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<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>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>	-

# UTIME

<b>Name/CLI Keyword</b>	utime
<b>Full Name</b>	Unix time
<b>Description</b>	utime is a Linux system call that changes the access and modification times of the inode specified by filename to the actime and modtime fields of times respectively.
<b>Reference</b>	<a href="http://linux.die.net/man/2/utime">http://linux.die.net/man/2/utime</a>
<b>Global ID</b>	L4:519
<b>ID</b>	436
<b>Known Mappings</b>	
UDP Port	519
TCP Port	519
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>	-

# UTMPCD

<b>Name/CLI Keyword</b>	utmpcd
<b>Full Name</b>	UTMPCD
<b>Description</b>	Registered with IANA on port 431 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>	L4:431
<b>ID</b>	346
<b>Known Mappings</b>	
UDP Port	431
TCP Port	431
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>	-

# UTMPSD

<b>Name/CLI Keyword</b>	utmpsd
<b>Full Name</b>	utmpsd
<b>Description</b>	Registered with IANA on port 430 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>	L4:430
<b>ID</b>	345
<b>Known Mappings</b>	
UDP Port	430
TCP Port	430
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>	-

# UUCP

<b>Name/CLI Keyword</b>	uucp
<b>Full Name</b>	Unix-to-Unix Copy
<b>Description</b>	Unix-to-Unix Copy (UUCP) is a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers. Specifically, a command named uucp is one of the programs in the suite; it provides a user interface for requesting file copy operations.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Uucp">http://en.wikipedia.org/wiki/Uucp</a>
<b>Global ID</b>	L4:540
<b>ID</b>	458
<b>Known Mappings</b>	
UDP Port	540
TCP Port	540
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>	client-server
<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>	-



# UUCP-PATH

<b>Name/CLI Keyword</b>	uucp-path
<b>Full Name</b>	UUCP Path Service
<b>Description</b>	Path Service is part of UUCP (Unix To Unix Copy Protocol) suite. It fills the need of people to determine mailbox addresses for hosts that are not part of the ARPA-Internet but can be reached by one or more relay hosts.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc915">http://tools.ietf.org/html/rfc915</a>
<b>Global ID</b>	L4:117
<b>ID</b>	987
<b>Known Mappings</b>	
UDP Port	117
TCP Port	117
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>	file-sharing
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# UUCP-RLOGIN

<b>Name/CLI Keyword</b>	uucp-rlogin
<b>Full Name</b>	uucp-rlogin
<b>Description</b>	Rlogin is a part of UUCP (Unix-to-Unix Copy), a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers.
<b>Reference</b>	<a href="http://www.uucp.org/">http://www.uucp.org/</a>
<b>Global ID</b>	L4:541
<b>ID</b>	459
<b>Known Mappings</b>	
UDP Port	541
TCP Port	541
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>	client-server
<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>	-



# UUIDGEN

<b>Name/CLI Keyword</b>	uuidgen
<b>Full Name</b>	UUIDGEN
<b>Description</b>	A universally unique identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). UUIDGEN is a program that generates a unique UUID for each system.
<b>Reference</b>	<a href="http://en.wikipedia.org/wiki/Uuid">http://en.wikipedia.org/wiki/Uuid</a>
<b>Global ID</b>	L4:697
<b>ID</b>	605
<b>Known Mappings</b>	
UDP Port	697
TCP Port	697
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>	-



# VACDSM-APP

<b>Name/CLI Keyword</b>	vacdsm-app
<b>Full Name</b>	VACDSM-APP
<b>Description</b>	Registered with IANA on port 671 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>	L4:671
<b>ID</b>	579
<b>Known Mappings</b>	
UDP Port	671
TCP Port	671
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>	-

# VACDSM-SWS

<b>Name/CLI Keyword</b>	vacdsm-sws
<b>Full Name</b>	VACDSM-SWS
<b>Description</b>	Registered with IANA on port 670 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>	L4:670
<b>ID</b>	578
<b>Known Mappings</b>	
UDP Port	670
TCP Port	670
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>	-

# VATP

<b>Name/CLI Keyword</b>	vatp
<b>Full Name</b>	Velazquez Application Transfer Protocol
<b>Description</b>	Registered with IANA on port 690 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>	L4:690
<b>ID</b>	598
<b>Known Mappings</b>	
UDP Port	690
TCP Port	690
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

# VDOLIVE

<b>Name/CLI Keyword</b>	vdolive
<b>Full Name</b>	VDOLive
<b>Description</b>	VDOLive is a real time video-audio streaming and broadcasting player that is used in many different applications. The player is available both as a Netscape plug-in and as an Internet Explorer ActiveX control.
<b>Reference</b>	<a href="http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html">http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html</a>
<b>Global ID</b>	L7:425
<b>ID</b>	50
<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>	-



# VEMMI

<b>Name/CLI Keyword</b>	vemmi
<b>Full Name</b>	vemmi
<b>Description</b>	VEMMI is an international standard defining the user interface and client/server protocol for on-line multimedia interactive services. VEMMI allows to create on-line multimedia and hypermedia services that could be accessed from any user owning a PC or Mac personal computer running a VEMMI client software, using any network (Internet, ISDN, videotex etc.) to access the multimedia server.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc2122">http://tools.ietf.org/html/rfc2122</a>
<b>Global ID</b>	L4:575
<b>ID</b>	489
<b>Known Mappings</b>	
UDP Port	575
TCP Port	575
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	other
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-





# VENTRILO

<b>Name/CLI Keyword</b>	ventrilo
<b>Full Name</b>	Ventrilo
<b>Description</b>	Ventrilo is the next generation of VoIP communication software that also includes chat messages. It is based on client-server architecture. Both server and client applications are available on various platforms, including Microsoft Windows and MAC OS X.
<b>Reference</b>	<a href="http://www.ventrilo.com/">http://www.ventrilo.com/</a>
<b>Global ID</b>	L7:446
<b>ID</b>	1069
<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>	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>	-



## VERIZON-WEB-SERVICES

<b>Name/CLI Keyword</b>	verizon-web-services
<b>Full Name</b>	Verizon
<b>Description</b>	Verizon - Internet, TV and Phone service provider.
<b>Reference</b>	<a href="http://verizon.com">http://verizon.com</a>
<b>Global ID</b>	L7:739
<b>ID</b>	1669
<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

# VERIZON-WIRELESS-WEB

<b>Name/CLI Keyword</b>	verizon-wireless-web
<b>Full Name</b>	Verizon Wireless
<b>Description</b>	Verizon Wireless - Telecom and Internet provider.
<b>Reference</b>	<a href="http://verizonwireless.com">http://verizonwireless.com</a>
<b>Global ID</b>	L7:699
<b>ID</b>	1629
<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

# VIBER

<b>Name/CLI Keyword</b>	viber
<b>Full Name</b>	Viber
<b>Description</b>	Viber is a VoIP application for iPhone and Android phones that lets users make free phone calls and send text messages to anyone who also has the application installed. The application uses 3G or Wi-Fi connection to access the internet.
<b>Reference</b>	<a href="http://www.viber.com/">http://www.viber.com/</a>
<b>Global ID</b>	L7:1320
<b>ID</b>	1320
<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>	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>	-

# VID

<b>Name/CLI Keyword</b>	vid
<b>Full Name</b>	Vid
<b>Description</b>	Logitech Vid is a Video-over-IP service based on SightSpeed. It is used by consumers with Logitech webcams.
<b>Reference</b>	<a href="http://www.sightspeed.com/">http://www.sightspeed.com/</a>
<b>Global ID</b>	L4:769
<b>ID</b>	639
<b>Known Mappings</b>	
UDP Port	769
TCP Port	769
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>	-

## VIDEO-OVER-HTTP

<b>Name/CLI Keyword</b>	video-over-http
<b>Full Name</b>	Video Over HTTP
<b>Description</b>	Video over HTTP represents the transfer of video data over HTTP protocol. The classification identifies different video formats. If a flow is classified as a more specific protocol, it will not be classified by video-over-http.
<b>Reference</b>	
<b>Global ID</b>	L7:432
<b>ID</b>	122
<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



# VIDEOTEX

<b>Name/CLI Keyword</b>	videotex
<b>Full Name</b>	videotex
<b>Description</b>	videotex
<b>Reference</b>	
<b>Global ID</b>	L4:516
<b>ID</b>	433
<b>Known Mappings</b>	
UDP Port	516
TCP Port	516
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>	-

# VINE

<b>Name/CLI Keyword</b>	vine
<b>Full Name</b>	Vine
<b>Description</b>	Vine - Mobile App for sharing photos and videos clips.
<b>Reference</b>	<a href="http://vineapp.com">http://vineapp.com</a>
<b>Global ID</b>	L7:744
<b>ID</b>	1674
<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

# VIRTUAL-PLACES

<b>Name/CLI Keyword</b>	virtual-places
<b>Full Name</b>	virtual-places
<b>Description</b>	Virtual places software
<b>Reference</b>	
<b>Global ID</b>	L4:1533
<b>ID</b>	1385
<b>Known Mappings</b>	
UDP Port	1533
TCP Port	1533
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>	-

# VISA

<b>Name/CLI Keyword</b>	visa
<b>Full Name</b>	visa
<b>Description</b>	VISA Protocol
<b>Reference</b>	
<b>Global ID</b>	L3:70
<b>ID</b>	824
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	70
<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>	-

# VKONTAKTE

<b>Name/CLI Keyword</b>	vkontakte
<b>Full Name</b>	VKontakte
<b>Description</b>	VKontakte - Russian social networking service
<b>Reference</b>	<a href="http://vk.com">http://vk.com</a>
<b>Global ID</b>	L7:615
<b>ID</b>	1047
<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

# VMNET

<b>Name/CLI Keyword</b>	vmnet
<b>Full Name</b>	VMNet
<b>Description</b>	VMNet is a virtual networking program that has been written to implement virtual networking support for the Hercules S/390 simulator, but it is intentionally generic in its functionality, so any other virtual machine simulator/emulator program could potentially use it.
<b>Reference</b>	<a href="http://www.tldp.org/LDP/Linux-Dictionary/html/v.html">http://www.tldp.org/LDP/Linux-Dictionary/html/v.html</a>
<b>Global ID</b>	L4:175
<b>ID</b>	1020
<b>Known Mappings</b>	
UDP Port	175
TCP Port	175
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>	-



# VMPWSCS

<b>Name/CLI Keyword</b>	vmpwscs
<b>Full Name</b>	VM PWSCS
<b>Description</b>	Registered with IANA on port 214 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>	L4:214
<b>ID</b>	1111
<b>Known Mappings</b>	
UDP Port	214
TCP Port	214
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>	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>	-



# VMTP

<b>Name/CLI Keyword</b>	vmtp
<b>Full Name</b>	VERSATILE MESSAGE TRANSACTION PROTOCOL
<b>Description</b>	Versatile Message Transaction Protocol (VMTP) is a transport protocol specifically designed to support the transaction model of communication, as exemplified by remote procedure call (RPC). The full function of VMTP, including support for security, real-time, asynchronous message exchanges, streaming, multicast and idempotency, provides a rich selection to the VMTP user level.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc1045">http://tools.ietf.org/html/rfc1045</a>
<b>Global ID</b>	L3:81
<b>ID</b>	835
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	81
<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>	-
-----------------------------	---

## VMWARE-FDM

<b>Name/CLI Keyword</b>	vmware-fdm
<b>Full Name</b>	VMware Fault Domain Manager
<b>Description</b>	VMware Fault Domain Manager is a service of vSphere High Availability (HA) and vSphere Fault Tolerance. This service monitors the availability and power state of virtual machines, and restarts protected virtual machines when they fail. vSphere is a software of the VMWare suite, which is a virtualization software suite. Fault Domain manager typically uses TCP/UDP port 8182.
<b>Reference</b>	<a href="http://pubs.vmware.com/vsphere-50/topic/com.vmware.vsphere.avail.doc_50/GUID-7442EF04-56C9-4910-ACBA-DF42E97ED311.html">http://pubs.vmware.com/vsphere-50/topic/com.vmware.vsphere.avail.doc_50/GUID-7442EF04-56C9-4910-ACBA-DF42E97ED311.html</a>
<b>Global ID</b>	L4:8182
<b>ID</b>	1394
<b>Known Mappings</b>	
UDP Port	8182
TCP Port	8182
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-group
<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>	-
-----------------------------	---

## VMWARE-VIEW

<b>Name/CLI Keyword</b>	vmware-view
<b>Full Name</b>	Vmware View
<b>Description</b>	VMware View is a desktop-virtualization product developed by VMware, provides virtual desktop infrastructure (VDI) solution using VMware's virtualization technology. A client desktop operating system runs within a virtual environment on a server. This protocol match the user interface traffic and authentication, the remote desktops traffic sent over PCoIP or Microsoft Remote Desktop protocols.
<b>Reference</b>	<a href="http://www.vmware.com/products/view/overview.html">http://www.vmware.com/products/view/overview.html</a>
<b>Global ID</b>	L7:476
<b>ID</b>	1426
<b>Known Mappings</b>	
UDP Port	-
TCP Port	443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-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>	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>	ssl,spdy



## VMWARE-VMOTION

<b>Name/CLI Keyword</b>	vmware-vmotion
<b>Full Name</b>	Vmware Vmotion
<b>Description</b>	VMware vMotion is a feature of VMware cluster that allows the migration of operational guest virtual machines between similar but separate hardware hosts sharing the same storage. Each of these transitions is completely transparent to any users on the virtual machine at the time it is being migrated.
<b>Reference</b>	<a href="http://www.vmware.com/products/vmotion/overview.html">http://www.vmware.com/products/vmotion/overview.html</a>
<b>Global ID</b>	L7:493
<b>ID</b>	1429
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-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>	desktop-virtualization
<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>	-





# VMWARE-VSPHERE

<b>Name/CLI Keyword</b>	vmware-vmotion
<b>Full Name</b>	VMware vSphere
<b>Description</b>	VMware cloud infrastructure virtualization platform. Concentration of user interface communication with ESX and vCenter infrastructure. For other types of traffic generated by VMware infrastructure, please refer to the following protocols: vmware-vmotion, vmware-view and iscsi.
<b>Reference</b>	<a href="http://www.vmware.com/products/vsphere/">http://www.vmware.com/products/vsphere/</a>
<b>Global ID</b>	L7:599
<b>ID</b>	1538
<b>Known Mappings</b>	
UDP Port	-
TCP Port	80,443
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vmware-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>	desktop-virtualization
<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>	ssl,http



# VNAS

<b>Name/CLI Keyword</b>	vnas
<b>Full Name</b>	vnas
<b>Description</b>	Registered with IANA on port 577 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>	L4:577
<b>ID</b>	491
<b>Known Mappings</b>	
UDP Port	577
TCP Port	577
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>	-

# VNC

<b>Name/CLI Keyword</b>	vnc
<b>Full Name</b>	Virtual Network Computing
<b>Description</b>	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote Framebuffer (RFB) protocol to remotely control another computer. The VNC session is established through an installed application.
<b>Reference</b>	<a href="http://www.realvnc.com/">http://www.realvnc.com/</a>
<b>Global ID</b>	L7:100
<b>ID</b>	100
<b>Known Mappings</b>	
UDP Port	5800,5900,5901
TCP Port	5800,5900,5901
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vnc-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>	remote-access-terminal
<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>	-

# VNC-HTTP

<b>Name/CLI Keyword</b>	vnc-http
<b>Full Name</b>	VNC over HTTP
<b>Description</b>	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote FrameBuffer protocol (RFB protocol) to remotely control another computer. It transmits the keyboard and mouse events from one computer to another. VNC is platform-independent "a VNC viewer on one operating system may connect to a VNC server on the same or any other operating system". VNC-HTTP establishes a VNC session from a Java-capable browser .The underlying protocol is HTTP.
<b>Reference</b>	<a href="http://www.realvnc.com/">http://www.realvnc.com/</a>
<b>Global ID</b>	L7:485
<b>ID</b>	1414
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	vnc-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>	remote-access-terminal
<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
-----------------------------	------

# VPP

<b>Name/CLI Keyword</b>	vpp
<b>Full Name</b>	Virtual Presence Protocol
<b>Description</b>	The Virtual Presence Protocol (VPP) is used to enable the exchange of document based virtual presence information. Virtual presence information is the foundation for virtual neighborhood services which provide users with information about virtual neighbors, i.e. other users who are close within the virtual document space. VPP enables the creation of dynamic vicinities based on hypertext references. It is not meant to replace or supersede presence notification protocols, but it augments online presence with location information. The purpose of presence notification protocols is to tell whether another individual is online or arrives online, etc.
<b>Reference</b>	<a href="http://tools.ietf.org/id/draft-wolf-vpp-01.txt">http://tools.ietf.org/id/draft-wolf-vpp-01.txt</a>
<b>Global ID</b>	L4:677
<b>ID</b>	585
<b>Known Mappings</b>	
UDP Port	677
TCP Port	677
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>	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>	-



## VPPS-QUA

<b>Name/CLI Keyword</b>	vpps-qua
<b>Full Name</b>	VVPS-Qua
<b>Description</b>	Registered with IANA on port 672 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>	L4:672
<b>ID</b>	580
<b>Known Mappings</b>	
UDP Port	672
TCP Port	672
IP Protocol	-
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Category</b>	business-and-productivity-tools
<b>Sub Category</b>	database
<b>P2P Technology</b>	No
<b>Encrypted</b>	No
<b>Traffic-class</b>	transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.
<b>Tunnel</b>	No
<b>Underlying Protocols</b>	-

## VPPS-VIA

<b>Name/CLI Keyword</b>	vpps-via
<b>Full Name</b>	VPPS-Via
<b>Description</b>	Registered with IANA on port 676 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>	L4:676
<b>ID</b>	584
<b>Known Mappings</b>	
UDP Port	676
TCP Port	676
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>	-

# VRRP

<b>Name/CLI Keyword</b>	vrrp
<b>Full Name</b>	Virtual Router Redundancy Protocol
<b>Description</b>	Virtual Router Redundancy Protocol (VRRP) is a network protocol providing an automatic assignment of IP protocols to participating hosts. The protocol is designed to eliminate the single point of failure inherent in the static default routed environment. VRRP is IP protocol number 112.
<b>Reference</b>	<a href="http://tools.ietf.org/html/rfc5798">http://tools.ietf.org/html/rfc5798</a>
<b>Global ID</b>	L3:112
<b>ID</b>	866
<b>Known Mappings</b>	
UDP Port	-
TCP Port	-
IP Protocol	112
<b>IP Version</b>	
IPv4 Support	Yes
IPv6 Support	Yes
<b>Application Group</b>	other
<b>Business Relevance</b>	business-relevant
<b>Category</b>	net-admin
<b>Sub Category</b>	routing-protocol
<b>P2P Technology</b>	unassigned
<b>Encrypted</b>	unassigned
<b>Traffic-class</b>	network-control
<b>Tunnel</b>	unassigned
<b>Underlying Protocols</b>	tcp,udp



# VSINET

<b>Name/CLI Keyword</b>	vsinet
<b>Full Name</b>	vsinet
<b>Description</b>	Registered with IANA on port 996 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>	L4:996
<b>ID</b>	675
<b>Known Mappings</b>	
UDP Port	996
TCP Port	996
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>	-

# VSLMP

<b>Name/CLI Keyword</b>	vslmp
<b>Full Name</b>	vslmp
<b>Description</b>	Registered with IANA on port 312 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>	L4:312
<b>ID</b>	1152
<b>Known Mappings</b>	
UDP Port	312
TCP Port	312
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>	-