



## Protocols: U, V

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# 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>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>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>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>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>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>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>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> | -   |

# UTMPD

|                             |   |
|-----------------------------|---|
| <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>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>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>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> | -   |



# VIMEO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | vimeo   |
| <b>Full Name</b>            | Vimeo   |
| <b>Description</b>          | Vimeo is a video-sharing website in which users can upload, share, and view videos. |
| <b>Reference</b>            | <a href="https://vimeo.com/">https://vimeo.com/</a>                                 |
| <b>Global ID</b>            | L7:1168   |
| <b>ID</b>                   | 1168  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | flash-group   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-streaming  |
| <b>Sub Category</b>         | consumer-video-streaming  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-streaming  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# 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>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> | -   |

# 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>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | software-updates  |
| <b>Sub Category</b>         | enterprise-sw-deployment-tools  |
| <b>P2P Technology</b>       | unassigned  |
| <b>Encrypted</b>            | unassigned  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | unassigned  |
| <b>Underlying Protocols</b> | tcp,udp   |

# VMTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | vmtip   |
| <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="https://www.vmware.com/resources/compatibility/details.php?product=esx-head&amp;_50GUID=742EF045C94910ACBADF2E97ED311f">https://www.vmware.com/resources/compatibility/details.php?product=esx-head&amp;_50GUID=742EF045C94910ACBADF2E97ED311f</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>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>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>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>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   |

## VOOV-MEETING

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | voov-meeting  |
| <b>Full Name</b>            | VooV Meeting  |
| <b>Description</b>          | VooV Meeting - Global cross-border video conferencing platform, owned by Tencent. |
| <b>Reference</b>            | <a href="https://voovmeeting.com/">https://voovmeeting.com/</a>                   |
| <b>Global ID</b>            | L7:1272   |
| <b>ID</b>                   | 1272  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | enterprise-media-conferencing   |
| <b>P2P Technology</b>       | false   |
| <b>Encrypted</b>            | true  |
| <b>Traffic-class</b>        | multimedia-conferencing   |
| <b>Tunnel</b>               | false   |
| <b>Underlying Protocols</b> | dns,ssl,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>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> | -   |

# VXLAN

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | vxlan  |
| <b>Full Name</b>            | Virtual Extensible Local Area Network  |
| <b>Description</b>          | Virtual Extensible LAN is a network framework for overlaying virtualized layer 2 networks over layer 3 networks. |
| <b>Reference</b>            | <a href="https://tools.ietf.org/html/rfc7348">https://tools.ietf.org/html/rfc7348</a>                            |
| <b>Global ID</b>            | L7:1254  |
| <b>ID</b>                   | 1254   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | default  |
| <b>Category</b>             | layer3-over-ip   |
| <b>Sub Category</b>         | tunneling-protocols  |
| <b>P2P Technology</b>       | unassigned   |
| <b>Encrypted</b>            | unassigned   |
| <b>Traffic-class</b>        | bulk-data  |
| <b>Tunnel</b>               | True   |
| <b>Underlying Protocols</b> | -  |