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# SAFT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | saft   |
| <b>Full Name</b>            | Simple Asynchronous File Transfer  |
| <b>Description</b>          | Simple Asynchronous File Transfer (SAFT) is an internet protocol designed to do asynchronous file transfer: any user A can send a file to another user B without B doing any action. Is used by sendfile software. |
| <b>Reference</b>            | <a href="http://fex.rus.uni-stuttgart.de/saft/index.html">http://fex.rus.uni-stuttgart.de/saft/index.html</a>  |
| <b>Global ID</b>            | L4:487   |
| <b>ID</b>                   | 401  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 487  |
| TCP Port                    | 487  |
| 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> | -  |

# SALESFORCE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | salesforce   |
| <b>Full Name</b>            | Salesforce CRM   |
| <b>Description</b>          | Salesforce.com is a CRM (Customer Relationship Management) web application that allows users to manage their relationships with customers, using a combination of people, processes, and technology. |
| <b>Reference</b>            | <a href="http://www.salesforce.com">http://www.salesforce.com</a>  |
| <b>Global ID</b>            | L7:509   |
| <b>ID</b>                   | 1444   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic  |

# SAMSUNG

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | samsung   |
| <b>Full Name</b>            | Samsung   |
| <b>Description</b>          | Samsung - Electronics retail site.                  |
| <b>Reference</b>            | <a href="http://samsung.com">http://samsung.com</a> |
| <b>Global ID</b>            | L7:689  |
| <b>ID</b>                   | 1619  |
| <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                                   |



# SANITY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sanity  |
| <b>Full Name</b>            | SANity  |
| <b>Description</b>          | SANity, Registered with IANA on port 643 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>            | L4:643  |
| <b>ID</b>                   | 552   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 643   |
| TCP Port                    | 643   |
| 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> | -   |

# SAP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sap  |
| <b>Full Name</b>            | SAP  |
| <b>Description</b>          | SAP offers various software applications and solutions for businesses and business productivity. It provides solutions for IT management, data bases and business analysis. Typically, SAP uses 3200, 3300 and 3600 TCP ports as default |
| <b>Reference</b>            | <a href="http://www.sap.com">http://www.sap.com</a>  |
| <b>Global ID</b>            | L7:84  |
| <b>ID</b>                   | 84   |
| <b>Known Mappings</b>       |  |
| UDP Port                    |  |
| TCP Port                    | 3200,3300,3600   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SAT-EXPAK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sat-expak   |
| <b>Full Name</b>            | SATNET and Backroom EXPAK   |
| <b>Description</b>          | Registered with IANA as IP Protocol 64  |
| <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>            | L3:64   |
| <b>ID</b>                   | 818   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 64  |
| <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> | -   |

# SAT-MON

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sat-mon   |
| <b>Full Name</b>            | SATNET Monitoring   |
| <b>Description</b>          | SATNET Monitoring is a protocol used for the monitoring and control of multiple-access satellite networks. The protocol covers the monitoring of network performance, the modification of network parameters whenever necessary, the coordination of network usage, the collection of status reports and performance statistics from individual SATNET nodes, and more. |
| <b>Reference</b>            | <a href="http://adsabs.harvard.edu/abs/1979ntc.....3...45M">http://adsabs.harvard.edu/abs/1979ntc.....3...45M</a>   |
| <b>Global ID</b>            | L3:69   |
| <b>ID</b>                   | 823   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 69  |
| <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> | -   |

# SCCP-USER-ADAPTATION

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sccp-user-adaptation  |
| <b>Full Name</b>            | SCCP User Adaptation  |
| <b>Description</b>          | SCCP User Adaptation (SUA) provides an SCTP adaptation layer for the seamless backhaul or peering of Signalling Connection Control Part user messages and service interface across an IP network. |
| <b>Reference</b>            | <a href="https://www.ietf.org/rfc/rfc3868.txt">https://www.ietf.org/rfc/rfc3868.txt</a>   |
| <b>Global ID</b>            | L7:1175   |
| <b>ID</b>                   | 1175  |
| <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>         | control-and-signaling   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | network-control   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | sctp  |

# SCC-SECURITY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | scc-security  |
| <b>Full Name</b>            | SCC Security  |
| <b>Description</b>          | Registered with IANA on port 582 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>            | L4:582  |
| <b>ID</b>                   | 496   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 582   |
| TCP Port                    | 582   |
| 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> | -   |

## SCC-SP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | scc-sp  |
| <b>Full Name</b>            | Semaphore Communications Sec. Pro.  |
| <b>Description</b>          | Registered with IANA as IP Protocol 96  |
| <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>            | L3:96   |
| <b>ID</b>                   | 850   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 96  |
| <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> | -   |

# SCHEDULE-TRANSFER

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | schedule-transfer  |
| <b>Full Name</b>            | Schedule Transfer Protocol   |
| <b>Description</b>          | Scheduled Transfer Protocol (STP) is a new ANSI specified connection-oriented data transfer protocol. In STP small control messages are used to allocate buffers on the remote host before any data transfer. This reduces the workload of the receiver considerably and makes hardware acceleration relatively simple to implement. |
| <b>Reference</b>            | <a href="http://www.kernel.org/doc/ols/2001/stlinux.pdf">http://www.kernel.org/doc/ols/2001/stlinux.pdf</a>  |
| <b>Global ID</b>            | L3:118   |
| <b>ID</b>                   | 872  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 118  |
| <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> | -  |



# SCRIBD

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | scribd   |
| <b>Full Name</b>            | Scribd   |
| <b>Description</b>          | Scribd - Web based document posting and sharing service. |
| <b>Reference</b>            | <a href="http://scribd.com">http://scribd.com</a>        |
| <b>Global ID</b>            | L7:700   |
| <b>ID</b>                   | 1630   |
| <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  |

# SCO-DTMGR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sco-dtmgr   |
| <b>Full Name</b>            | SCO Desktop Administration Server   |
| <b>Description</b>          | Registered with IANA on port 617 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>            | L4:617  |
| <b>ID</b>                   | 526   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 617   |
| TCP Port                    | 617   |
| 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> | -   |

# SCOHELP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | scohelp   |
| <b>Full Name</b>            | scohelp   |
| <b>Description</b>          | Registered with IANA on port 457 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>            | L4:457  |
| <b>ID</b>                   | 371   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 457   |
| TCP Port                    | 457   |
| 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> | -   |

# SCOI2ODIALOG

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | scoi2odialog  |
| <b>Full Name</b>            | Scoi2odialog  |
| <b>Description</b>          | Registered with IANA on port 360 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>            | L4:360  |
| <b>ID</b>                   | 276   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 360   |
| TCP Port                    | 360   |
| 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> | -   |

# SCO-INETMGR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sco-inetmgr   |
| <b>Full Name</b>            | Internet Configuration Manager  |
| <b>Description</b>          | Registered with IANA on port 615 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>            | L4:615  |
| <b>ID</b>                   | 524   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 615   |
| TCP Port                    | 615   |
| 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> | -   |

# SCO-SYSMGR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sco-sysmgr  |
| <b>Full Name</b>            | SCO System Administration Server  |
| <b>Description</b>          | Registered with IANA on port 616 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>            | L4:616  |
| <b>ID</b>                   | 525   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 616   |
| TCP Port                    | 616   |
| 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> | -   |

## SCO-WEBSRVRMG3

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sco-websrvrmg3  |
| <b>Full Name</b>            | SCO Web Server Manager 3  |
| <b>Description</b>          | Registered with IANA on port 598 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>            | L4:598  |
| <b>ID</b>                   | 512   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 598   |
| TCP Port                    | 598   |
| 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> | -   |

# SCO-WEBSRVRMGR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sco-websrvrMgr  |
| <b>Full Name</b>            | SCO Web Server Manager  |
| <b>Description</b>          | Registered with IANA on port 620 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>            | L4:620  |
| <b>ID</b>                   | 529   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 620   |
| TCP Port                    | 620   |
| 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> | -   |



# SCPS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | scps   |
| <b>Full Name</b>            | Space Communications Protocol Specifications   |
| <b>Description</b>          | Space Communications Protocol Specifications (SCPS) are a set of extensions to existing protocols and new protocols developed by the Consultative Committee for Space Data Systems (CCSDS) to improve performance of Internet protocols in space environments. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications">http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications</a>  |
| <b>Global ID</b>            | L3:105   |
| <b>ID</b>                   | 859  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 105  |
| <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> | -  |

# SCTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sctp   |
| <b>Full Name</b>            | Stream Control Transmission Protocol   |
| <b>Description</b>          | The Stream Control Transmission Protocol (SCTP) is a transport layer protocol, serving in a similar role to the popular protocols Transmission Control Protocol (TCP) and User Datagram Protocol (UDP). It provides some of the same service features of both: it is message-oriented like UDP and ensures reliable, in-sequence transport of messages with congestion control like TCP. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc3286.txt">http://www.ietf.org/rfc/rfc3286.txt</a>  |
| <b>Global ID</b>            | L3:132   |
| <b>ID</b>                   | 1230   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 132  |
| <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> | -  |

# SCX-PROXY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | scx-proxy   |
| <b>Full Name</b>            | scx-proxy   |
| <b>Description</b>          | Registered with IANA on port 470 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>            | L4:470  |
| <b>ID</b>                   | 384   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 470   |
| TCP Port                    | 470   |
| 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> | -   |

# SDRP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sdrp  |
| <b>Full Name</b>            | Source Demand Routing Protocol  |
| <b>Description</b>          | Source Demand Routing Protocol (SDRP) supports source-initiated selection of routes to complement the route selection provided by existing routing protocols for both inter-domain and intra-domain routes. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1940">http://tools.ietf.org/html/rfc1940</a>   |
| <b>Global ID</b>            | L3:42   |
| <b>ID</b>                   | 796   |
| <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>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | network-control   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | tcp,udp   |

# SDNSKMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sdnskmp   |
| <b>Full Name</b>            | Secure Data Network System Key Management Protocol  |
| <b>Description</b>          | Secure Data Network System Key Management Protocol (SDNS-KMP) is a key management protocol for SDNS. SDNS implements computer to computer communications security for distributed applications. The key management section implements the exchange of credentials and the traffic encryption key attributes.                      |
| <b>Reference</b>            | <a href="http://articles-abstracts.com/article.php?id=67588&amp;content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key">http://articles-abstracts.com/article.php?id=67588&amp;content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key</a> |
| <b>Global ID</b>            | L4:558  |
| <b>ID</b>                   | 473   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 558   |
| TCP Port                    | 558   |
| 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>             | internet-privacy  |
| <b>Sub Category</b>         | control-and-signaling   |
| <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> | -   |

# SECONDLIFE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secondlife  |
| <b>Full Name</b>            | Secondlife  |
| <b>Description</b>          | Second Life is an online virtual world developed by Linden Lab. There are a number of client programs or viewers that enable Second Life users to interact with each other through avatars. |
| <b>Reference</b>            | <a href="http://secondlife.com/">http://secondlife.com/</a>   |
| <b>Global ID</b>            | L7:328  |
| <b>ID</b>                   | 1041  |
| <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>             | gaming  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic   |

## SECURE-FTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | secure-ftp   |
| <b>Full Name</b>            | ftp protocol control over TLS/SSL  |
| <b>Description</b>          | FTPS (Secure FTP) is an extension to the commonly used File Transfer Protocol (FTP) that adds support for the Transport Layer Security (TLS) and the Secure Sockets Layer (SSL) cryptographic protocols. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/FTPS">http://en.wikipedia.org/wiki/FTPS</a>  |
| <b>Global ID</b>            | L4:990   |
| <b>ID</b>                   | 44   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | ftp-group  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | client-server  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,spdy   |

# SECURE-HTTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | secure-http  |
| <b>Full Name</b>            | DEPRECATED, traffic will not match   |
| <b>Description</b>          | DEPRECATED: Secure Hypertext Transfer Protocol(S-HTTP) is a little-used alternative to the HTTPS URI scheme for encrypting web communications carried over HTTP. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc2660">http://tools.ietf.org/html/rfc2660</a>  |
| <b>Global ID</b>            | L4:443   |
| <b>ID</b>                   | 16   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | -  |
| IPv6 Support                | -  |
| <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>       | Unassigned   |
| <b>Encrypted</b>            | Unassigned   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | Unassigned   |
| <b>Underlying Protocols</b> | -  |



## SECURE-IMAP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-imap   |
| <b>Full Name</b>            | Internet Message Access Protocol over TLS/SSL   |
| <b>Description</b>          | Internet Message Access Protocol (IMAP)over TLS/SSL allows users to securely access their email servers and to receive and send emails. The protocol simulates local use when in fact it is a connection to a server. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc2595">http://tools.ietf.org/html/rfc2595</a>   |
| <b>Global ID</b>            | L4:993  |
| <b>ID</b>                   | 18  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | imap-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | email   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,spdy  |

# SECURE-IRC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-irc  |
| <b>Full Name</b>            | Secure IRC  |
| <b>Description</b>          | Registered with IANA on port 994 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>            | L4:994  |
| <b>ID</b>                   | 20  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 994   |
| TCP Port                    | 994   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | irc-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | instant-messaging   |
| <b>Sub Category</b>         | voice-video-chat-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,spdy  |

## SECURE-LDAP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | secure-ldap  |
| <b>Full Name</b>            | ldap protocol over TLS   |
| <b>Description</b>          | The Lightweight Directory Access Protocol (LDAP) is used to read from and write to Active Directory. By default, LDAP traffic is transmitted unsecured. You can make LDAP traffic confidential and secure by using Secure Sockets Layer (SSL) / Transport Layer Security (TLS) technology. You can enable LDAP over SSL (LDAPS) by installing a properly formatted certificate from either a Microsoft certification authority (CA) or a non-Microsoft CA. |
| <b>Reference</b>            | <a href="http://support.microsoft.com/kb/321051">http://support.microsoft.com/kb/321051</a>  |
| <b>Global ID</b>            | L4:636   |
| <b>ID</b>                   | 24   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | ldap-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>         | authentication-services  |
| <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,spdy   |

## SECURE-NNTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | secure-nntp  |
| <b>Full Name</b>            | Secure Network News Transfer Protocol  |
| <b>Description</b>          | Secure Network News Transfer Protocol (SNNTP) is Network News Transfer Protocol (NNTP) over Transport Layer Security (TLS). NNTP is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc3977">http://tools.ietf.org/html/rfc3977</a>  |
| <b>Global ID</b>            | L4:563   |
| <b>ID</b>                   | 29   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | nntp-group   |
| <b>Business Relevance</b>   | business-irrelevant  |
| <b>Category</b>             | consumer-internet  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl  |

## SECURE-POP3

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-pop3   |
| <b>Full Name</b>            | Post Office Protocol 3 over TLS   |
| <b>Description</b>          | Secure Post Office Protocol 3 is an application-layer Internet standard over TLS/SSL protocol used by local e-mail clients to securely retrieve e-mail from a remote server over a TCP/IP connection. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc2595">http://tools.ietf.org/html/rfc2595</a>   |
| <b>Global ID</b>            | L4:995  |
| <b>ID</b>                   | 34  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | pop3-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | email   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,spdy  |

# SECURE-SMTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-smtp   |
| <b>Full Name</b>            | Secure Simple Mail Transfer Protocol  |
| <b>Description</b>          | Simple Mail Transfer Protocol (SMTP) is an Internet standard for electronic mail transmission across networks. SMTPS refers to a method for securing SMTP with transport layer security, typically works on TCP port 461. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/SMTPS">http://en.wikipedia.org/wiki/SMTPS</a>   |
| <b>Global ID</b>            | L7:568  |
| <b>ID</b>                   | 1507  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | smtp-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | email   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,spdy  |

# SECURE-TELNET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-telnet   |
| <b>Full Name</b>            | telnet protocol over TLS  |
| <b>Description</b>          | Secure Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a the Transport Layer Security (TLS) protocol. Telnet participants can decide whether or not to attempt TLS negotiation, and how the two participants should process authentication credentials exchanged as a part of TLS startup. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt">http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt</a>   |
| <b>Global ID</b>            | L4:992  |
| <b>ID</b>                   | 43  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 992   |
| TCP Port                    | 992   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | terminal  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | 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,spdy  |

## SECURE-VMTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | secure-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>            | L3:82   |
| <b>ID</b>                   | 836   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 82  |
| <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> | -   |



# SEMANTIX

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | semantix  |
| <b>Full Name</b>            | Semantix  |
| <b>Description</b>          | Registered with IANA on port 361 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>            | L4:361  |
| <b>ID</b>                   | 277   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 361   |
| TCP Port                    | 361   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | corba-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | inter-process-rpc   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SEND

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | send  |
| <b>Full Name</b>            | Secure Neighbor Discovery   |
| <b>Description</b>          | The SEcure Neighbor Discovery (SEND) protocol is a security extension of the Neighbor Discovery Protocol (NDP) in IPv6. The Neighbor Discovery Protocol (NDP) is responsible in IPv6 for discovery of other network nodes on the local link, to determine the link layer addresses of other nodes, and to find available routers, and maintain reachability information about the paths to other active neighbor nodes. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc3971.txt">http://www.ietf.org/rfc/rfc3971.txt</a>   |
| <b>Global ID</b>            | L4:169  |
| <b>ID</b>                   | 1014  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 169   |
| TCP Port                    | 169   |
| 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> | -   |

## SERVER-IPX

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | server-ipx  |
| <b>Full Name</b>            | Internetwork Packet Exchange Protocol   |
| <b>Description</b>          | Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. IPX and SPX are networking protocols used primarily on networks using the Novell NetWare operating systems. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1132">http://tools.ietf.org/html/rfc1132</a>   |
| <b>Global ID</b>            | L4:213  |
| <b>ID</b>                   | 108   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 213   |
| TCP Port                    | 213   |
| 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-protocol  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SERVICENOW

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | servicenow  |
| <b>Full Name</b>            | ServiceNow  |
| <b>Description</b>          | Enterprise cloud computing services and IT service management.      |
| <b>Reference</b>            | <a href="https://www.servicenow.com">https://www.servicenow.com</a> |
| <b>Global ID</b>            | L7:1181   |
| <b>ID</b>                   | 1181  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# SERVSTAT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | servstat  |
| <b>Full Name</b>            | Service Status update   |
| <b>Description</b>          | Registered with IANA on port 633 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>            | L4:633  |
| <b>ID</b>                   | 542   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 633   |
| TCP Port                    | 633   |
| 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> | -   |

# SET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | set   |
| <b>Full Name</b>            | Secure Electronic Transaction   |
| <b>Description</b>          | Secure Electronic Transaction (SET) was a standard protocol for securing credit card transactions over insecure networks, specifically, the Internet. SET was not itself a payment system, but rather a set of security protocols and formats that enable users to employ the existing credit card payment infrastructure on an open network in a secure fashion. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Secure_Electronic_Transaction">http://en.wikipedia.org/wiki/Secure_Electronic_Transaction</a>   |
| <b>Global ID</b>            | L4:257  |
| <b>ID</b>                   | 1129  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 257   |
| TCP Port                    | 257   |
| 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> | -   |

# SFGATE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sfgate  |
| <b>Full Name</b>            | SFGate  |
| <b>Description</b>          | SFGate - Bay area news portal.                    |
| <b>Reference</b>            | <a href="http://sfgate.com">http://sfgate.com</a> |
| <b>Global ID</b>            | L7:774  |
| <b>ID</b>                   | 1704  |
| <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                                 |

# SHUTTERSTOCK

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | shutterstock   |
| <b>Full Name</b>            | Shutterstock   |
| <b>Description</b>          | Shutterstock - Online collection of Stock photographs and illustrations. |
| <b>Reference</b>            | <a href="http://shutterstock.com">http://shutterstock.com</a>            |
| <b>Global ID</b>            | L7:663   |
| <b>ID</b>                   | 1592   |
| <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  |



# SFLOW

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sflow   |
| <b>Full Name</b>            | Sflow Traffic Monitoring  |
| <b>Description</b>          | sFlow is a technology for monitoring network, wireless, and host devices.           |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/SFlow">http://en.wikipedia.org/wiki/SFlow</a> |
| <b>Global ID</b>            | L4:6343   |
| <b>ID</b>                   | 1364  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 6343  |
| TCP Port                    | 6343  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | control-and-signaling   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                           |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SFS-CONFIG

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sfs-config  |
| <b>Full Name</b>            | Cray SFS config server  |
| <b>Description</b>          | SFS config server is part of the Shared File Systems (SFS) is a high performance, HIPPI-based common file system which is shared among Cray UNICOS systems only.                        |
| <b>Reference</b>            | <a href="https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF">https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF</a> |
| <b>Global ID</b>            | L4:452  |
| <b>ID</b>                   | 367   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 452   |
| TCP Port                    | 452   |
| 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> | -   |

## SFS-SMP-NET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sfs-smp-net   |
| <b>Full Name</b>            | Cray Network Semaphore server   |
| <b>Description</b>          | Registered with IANA on port 451 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>            | L4:451  |
| <b>ID</b>                   | 366   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 451   |
| TCP Port                    | 451   |
| 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> | -   |

# SFTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sftp  |
| <b>Full Name</b>            | Simple File Transfer Protocol   |
| <b>Description</b>          | Simple File Transfer Protocol (SFTP), was proposed as an unsecured file transfer protocol with a level of complexity intermediate between TFTP and FTP. SFTP supports user access control, file transfers, directory listing, directory changing, file renaming and deleting. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc913.txt">http://www.ietf.org/rfc/rfc913.txt</a>   |
| <b>Global ID</b>            | L4:115  |
| <b>ID</b>                   | 985   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 115   |
| TCP Port                    | 115   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | ftp-group   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | client-server   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SGCP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sgcp  |
| <b>Full Name</b>            | sgcp  |
| <b>Description</b>          | sgcp, Registered with IANA on port 440 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>            | L4:440  |
| <b>ID</b>                   | 355   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 440   |
| TCP Port                    | 440   |
| 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>             | voice-and-video   |
| <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> | -   |

# SGMP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sgmp   |
| <b>Full Name</b>            | Simple Gateway Monitoring Protocol   |
| <b>Description</b>          | Simple Gateway Monitoring Protocol (SGMP) allows commands to be issued to application protocol entities to set or retrieve values (integer or octet string types) for use in monitoring the gateways on which the application protocol entities reside. Messages are exchanged using UDP and utilize unreliable transport methods. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1028.txt">http://www.ietf.org/rfc/rfc1028.txt</a>  |
| <b>Global ID</b>            | L4:153   |
| <b>ID</b>                   | 1000   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 153  |
| TCP Port                    | 153  |
| 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> | -  |

# SGMP-TRAPS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sgmp-traps  |
| <b>Full Name</b>            | SGMP-TRAPS  |
| <b>Description</b>          | SGMP-TRAPS, Registered with IANA on port 160 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>            | L4:160  |
| <b>ID</b>                   | 1006  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 160   |
| TCP Port                    | 160   |
| 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> | -   |

# SHARE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | share   |
| <b>Full Name</b>            | Share   |
| <b>Description</b>          | Share is a closed-source P2P application being developed in Japan by an anonymous author. It was developed as the successor of Winny and focuses on higher security. Share uses encrypted caches, file names and IP addresses, and is based on node-organized architecture. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Share_%28P2P%29">http://en.wikipedia.org/wiki/Share_%28P2P%29</a>   |
| <b>Global ID</b>            | L7:576  |
| <b>ID</b>                   | 1515  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | No  |
| IPv6 Support                | No  |
| <b>Application Group</b>    | -   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | -   |
| <b>Sub Category</b>         | -   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# SHARE-POINT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | share-point  |
| <b>Full Name</b>            | SharePoint   |
| <b>Description</b>          | Microsoft SharePoint is a web application platform (based on HTTP) developed by Microsoft. SharePoint is mainly used for web content management and document management systems, but it is actually a much broader platform of web technologies, and can be used for host web sites, access shared workspaces and documents, as well as specialized applications such as wikis and blogs, from within a browser. |
| <b>Reference</b>            | <a href="http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx">http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx</a>  |
| <b>Global ID</b>            | L7:488   |
| <b>ID</b>                   | 1417   |
| <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>         | rich-media-http-content  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,ssl,dns,quic  |

# SHELL

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | shell  |
| <b>Full Name</b>            | shell  |
| <b>Description</b>          | SHELL is a UNIX protocol which allows user to connect to a shell and to execute commands remotely on another machine. It doesn't require a password if the hostname - username combination is listed in the .rhosts file of the remote user. |
| <b>Reference</b>            | <a href="http://www.bell-labs.com/history/unix/tutorial.html">http://www.bell-labs.com/history/unix/tutorial.html</a>  |
| <b>Global ID</b>            | L4:514   |
| <b>ID</b>                   | 430  |
| <b>Known Mappings</b>       |  |
| UDP Port                    |  |
| TCP Port                    | 514  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | remote-access-terminal   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SHOCKWAVE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | shockwave   |
| <b>Full Name</b>            | Adobe Shockwave   |
| <b>Description</b>          | Adobe Shockwave (formerly Macromedia Shockwave) is a multimedia platform used to add animation and interactivity to web pages. It allows Adobe Director applications to be published on the Internet and viewed in a web browser on any computer which has the Shockwave plug-in installed. |
| <b>Reference</b>            | <a href="http://www.adobe.com/products/shockwaveplayer/">http://www.adobe.com/products/shockwaveplayer/</a>   |
| <b>Global ID</b>            | L4:1626   |
| <b>ID</b>                   | 707   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 1626  |
| TCP Port                    | 1626  |
| 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>             | browsing  |
| <b>Sub Category</b>         | enterprise-rich-media-content   |
| <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> | -   |

# SHOUTCAST

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | shoutcast  |
| <b>Full Name</b>            | SHOUTcast Internet Radio   |
| <b>Description</b>          | SHOUTcast is cross-platform proprietary software for streaming media over the Internet. The software, developed by Nullsoft (purchased by AOL on June 1, 1999) allows digital audio content, primarily in MP3 or HE-AAC format, to be broadcast to and from media player software, enabling the creation of Internet radio stations. SHOUTcast Radio is a related website which provides a directory of SHOUTcast stations. The SHOUTcast protocol supports the traffic of listening to a radio channel on different platforms. The traffic of broadcasting a radio channel is not included. |
| <b>Reference</b>            | <a href="http://www.shoutcast.com/">http://www.shoutcast.com/</a>  |
| <b>Global ID</b>            | L7:544   |
| <b>ID</b>                   | 1478   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | voice-and-video  |
| <b>Sub Category</b>         | streaming  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | 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,dns,quic  |

# SHOWMYPC

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | showmypc   |
| <b>Full Name</b>            | showmypc   |
| <b>Description</b>          | Showmypc is a PC remote control software that enables users to access their target PCs remotely. It provides remote PC access solutions that can manage anywhere from one to 50 PCs. |
| <b>Reference</b>            | <a href="https://showmypc.com/">https://showmypc.com/</a>  |
| <b>Global ID</b>            | L7:534   |
| <b>ID</b>                   | 1468   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant  |
| <b>Category</b>             | consumer-streaming   |
| <b>Sub Category</b>         | desktop-virtualization   |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | multimedia-streaming   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,ssl,rtmp,dns  |

# SHRINKWRAP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | shrinkwrap  |
| <b>Full Name</b>            | Shrinkwrap  |
| <b>Description</b>          | Registered with IANA on port 358 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>            | L4:358  |
| <b>ID</b>                   | 274   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 358   |
| TCP Port                    | 358   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SIAM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | siam  |
| <b>Full Name</b>            | Siam  |
| <b>Description</b>          | Registered with IANA on port 498 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>            | L4:498  |
| <b>ID</b>                   | 412   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 498   |
| TCP Port                    | 498   |
| 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> | -   |

# SIEBEL-CRM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | siebel-crm   |
| <b>Full Name</b>            | Siebel CRM   |
| <b>Description</b>          | Oracle Social CRM combines traditional enterprise CRM capabilities with social networking and Web 2.0 technologies. The applications are designed to reflect the way sales people work by helping them identify qualified leads, develop sales campaigns, and collaborate with colleagues. |
| <b>Reference</b>            | <a href="http://www.oracle.com/us/products/applications/crmondemand/index.html">http://www.oracle.com/us/products/applications/crmondemand/index.html</a>  |
| <b>Global ID</b>            | L7:1174  |
| <b>ID</b>                   | 1174   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | enterprise-transactional-apps  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | transactional-data   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,dns,quic  |



# SIFT-UFT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sift-uft   |
| <b>Full Name</b>            | Sender-Initiated/Unsolicited File Transfer   |
| <b>Description</b>          | Sender-Initiated File Transfer (SIFT) protocol, also commonly called Unsolicited File Transfer (UFT) protocol is a file transfer protocol. It's method contrasts with other file transfer methods in that the sender need not have an account or any registration on the target host system, and the receiving user may have less steps to take to retrieve the file(s) sent. Unlike traditional file transfer, UFT lends itself handily to background ordefferred operation, though it may be carried out immediately, eveninteractively. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1440">http://tools.ietf.org/html/rfc1440</a>  |
| <b>Global ID</b>            | L4:608   |
| <b>ID</b>                   | 517  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 608  |
| TCP Port                    | 608  |
| 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> | -  |

# SILC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | silc  |
| <b>Full Name</b>            | Secure Internet Live Conferencing   |
| <b>Description</b>          | Secure Internet Live Conferencing (SILC) is a protocol that provides secure synchronous conferencing services (very much like IRC) over the Internet. |
| <b>Reference</b>            | <a href="http://www.silcnet.org/">http://www.silcnet.org/</a>   |
| <b>Global ID</b>            | L4:706  |
| <b>ID</b>                   | 610   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 706   |
| TCP Port                    | 706   |
| 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> | -   |

# SIP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sip   |
| <b>Full Name</b>            | Session Initiation Protocol   |
| <b>Description</b>          | Session Initiation Protocol is a text-based control protocol used for VoIP communications, Instant Messaging, presence information, file transfer and online games. It can be used for creating, modifying and terminating VoIP sessions through signaling. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc3261.txt">http://www.ietf.org/rfc/rfc3261.txt</a>   |
| <b>Global ID</b>            | L4:5060   |
| <b>ID</b>                   | 65  |
| <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>             | voice-and-video   |
| <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> | ssl,stun-nat  |

# SIP-TLS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sip-tls  |
| <b>Full Name</b>            | Secure SIP   |
| <b>Description</b>          | Session Initiation Protocol- Transport Later Security (SIP-TLS) is an encrypted SIP traffic tunneled in SSL. This scheme of SIP is sometimes known as SIPS. SIPS uses port number of 5061 for communication. |
| <b>Reference</b>            | <a href="http://www.privatewave.com/pages/viewpage.action?pageId=5406766">http://www.privatewave.com/pages/viewpage.action?pageId=5406766</a>  |
| <b>Global ID</b>            | L4:5061  |
| <b>ID</b>                   | 1428   |
| <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>             | voice-and-video  |
| <b>Sub Category</b>         | control-and-signaling  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <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> | -  |

# SIRI

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | siri  |
| <b>Full Name</b>            | Siri  |
| <b>Description</b>          | Siri is a personal voice assistant. It uses a natural language user interface to answer questions, make recommendations, and perform actions by delegating requests to a set of web services. |
| <b>Reference</b>            | <a href="https://www.apple.com/siri/">https://www.apple.com/siri/</a>   |
| <b>Global ID</b>            | L7:1096   |
| <b>ID</b>                   | 1096  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | apple-group   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-internet   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# SITARADIR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sitaradir   |
| <b>Full Name</b>            | Sitara Dir  |
| <b>Description</b>          | The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection. |
| <b>Reference</b>            | <a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>   |
| <b>Global ID</b>            | L4:2631   |
| <b>ID</b>                   | 710   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2631  |
| TCP Port                    | 2631  |
| 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> | -   |

# SITARAMGMT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sitaramgmt  |
| <b>Full Name</b>            | Sitara Management   |
| <b>Description</b>          | The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection. |
| <b>Reference</b>            | <a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>   |
| <b>Global ID</b>            | L4:2630   |
| <b>ID</b>                   | 709   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2630  |
| TCP Port                    | 2630  |
| 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> | -   |

# SITARASERVER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sitaraserver  |
| <b>Full Name</b>            | Sitara Server   |
| <b>Description</b>          | The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection. |
| <b>Reference</b>            | <a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>   |
| <b>Global ID</b>            | L4:2629   |
| <b>ID</b>                   | 708   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2629  |
| TCP Port                    | 2629  |
| 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> | -   |



## SIXTOFOUR-IPV6-TUNNELED

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sixtofour-ipv6-tunneled   |
| <b>Full Name</b>            | Sixtofour IPv6 Tunneled   |
| <b>Description</b>          | 6to4 is an Internet transition mechanism for migrating from IPv4 to IPv6, a system that allows IPv6 packets to be transmitted over an IPv4 network (generally the IPv4 Internet) without the need to configure explicit tunnels. Special relay servers are also in place that allow 6to4 networks to communicate with native IPv6 networks. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc3056">http://tools.ietf.org/html/rfc3056</a>   |
| <b>Global ID</b>            | L7:330  |
| <b>ID</b>                   | 1223  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | No  |
| <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>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | -   |

# SKINNY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | skinny  |
| <b>Full Name</b>            | Skinny Call Control Protocol  |
| <b>Description</b>          | Skinny Client Control Protocol (SCCP) is a network control protocol over Cisco's Ethernet telephones. SCCP, also known as Skinny, uses TCP/IP connections for calls and RTP for audio transfer between Skinny clients or H.323 terminals. |
| <b>Reference</b>            | <a href="http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html">http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html</a>                             |
| <b>Global ID</b>            | L7:63   |
| <b>ID</b>                   | 63  |
| <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>             | voice-and-video   |
| <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> | -   |

# SKIP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | skip  |
| <b>Full Name</b>            | Simple Key-Management for Internet Protocol   |
| <b>Description</b>          | Simple Key-Management for Internet Protocol (SKIP) is a protocol developed for the sharing of encryption keys. SKIP was evaluated as a key exchange mechanism for IPsec before the adoption of IKE in 1998. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol">http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol</a>   |
| <b>Global ID</b>            | L3:57   |
| <b>ID</b>                   | 811   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 57  |
| <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> | -   |

# SKRONK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | skronk  |
| <b>Full Name</b>            | Skronk  |
| <b>Description</b>          | Registered with IANA on port 460 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>            | L4:460  |
| <b>ID</b>                   | 374   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 460   |
| TCP Port                    | 460   |
| 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> | -   |

# SKYDRIVE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | skydrive  |
| <b>Full Name</b>            | Microsoft SkyDrive  |
| <b>Description</b>          | Microsoft SkyDrive is a file hosting service that allows users to upload and sync files to a cloud storage and then access them from a web browser or a mobile application. |
| <b>Reference</b>            | <a href="http://windows.microsoft.com/en-us/skydrive/download">http://windows.microsoft.com/en-us/skydrive/download</a>   |
| <b>Global ID</b>            | L7:562  |
| <b>ID</b>                   | 1499  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | ms-cloud-group  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | storage   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic   |

# SKYPE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | skype   |
| <b>Full Name</b>            | Skype   |
| <b>Description</b>          | Skype software uses a proprietary Internet telephony (VoIP) network called the Skype protocol. Part of the Skype technology relies on the Global Index peer-to-peer protocol belonging to the Joltid Ltd. corporation. Skype is software that contains several features such as telephone calls over the Internet, instant messaging, file transfer and video conferencing. |
| <b>Reference</b>            | <a href="http://www.skype.com">http://www.skype.com</a>   |
| <b>Global ID</b>            | L7:83   |
| <b>ID</b>                   | 83  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | skype-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | voice-video-chat-collaboration  |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | dns,http,ssl  |

# SKY-NEWS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sky-news                                    |
| <b>Full Name</b>            | Sky.com                                     |
| <b>Description</b>          | Sky.com - Web portal for news.              |
| <b>Reference</b>            | <a href="http://sky.com">http://sky.com</a> |
| <b>Global ID</b>            | L7:786                                      |
| <b>ID</b>                   | 1714  |
| <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                           |

# SLACK

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | slack  |
| <b>Full Name</b>            | Slack  |
| <b>Description</b>          | Slack is a cloud-based set of proprietary team collaboration tools and services. |
| <b>Reference</b>            | <a href="https://slack.com/about">https://slack.com/about</a>                    |
| <b>Global ID</b>            | L7:1217  |
| <b>ID</b>                   | 1217   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant  |
| <b>Category</b>             | social-networking  |
| <b>Sub Category</b>         | enterprise-media-conferencing  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,ssl,dns   |



# SLACK-MEDIA

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | slack-media   |
| <b>Full Name</b>            | Slack Media   |
| <b>Description</b>          | Slack media streaming services.                               |
| <b>Reference</b>            | <a href="https://slack.com/about">https://slack.com/about</a> |
| <b>Global ID</b>            | L7:1218   |
| <b>ID</b>                   | 1218  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant   |
| <b>Category</b>             | social-networking   |
| <b>Sub Category</b>         | enterprise-media-conferencing                                 |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | multimedia-conferencing                                       |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | slack,rtp,web-rtc,stun-nat                                    |

# SLATE-MAGAZINE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | slate-magazine                                  |
| <b>Full Name</b>            | Slate Magazine                                  |
| <b>Description</b>          | Slate Magazine - Online daily magazine.         |
| <b>Reference</b>            | <a href="http://slate.com">http://slate.com</a> |
| <b>Global ID</b>            | L7:720  |
| <b>ID</b>                   | 1650  |
| <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                               |

# SLICKDEALS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | slickdeals  |
| <b>Full Name</b>            | Slickdeals  |
| <b>Description</b>          | Slickdeals - An online coupons and deals website          |
| <b>Reference</b>            | <a href="http://slickdeals.net">http://slickdeals.net</a> |
| <b>Global ID</b>            | L7:673  |
| <b>ID</b>                   | 1603  |
| <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   |

# SLING

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sling   |
| <b>Full Name</b>            | Sling   |
| <b>Description</b>          | Sling is a protocol used for the Slingbox TV streaming device. It works with a broadband internet connection over HTTP. |
| <b>Reference</b>            | <a href="http://www.slingbox.com/">http://www.slingbox.com/</a>   |
| <b>Global ID</b>            | L7:440  |
| <b>ID</b>                   | 892   |
| <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> | http,dns,quic   |

# SM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sm  |
| <b>Full Name</b>            | SM  |
| <b>Description</b>          | Registered with IANA as IP Protocol 122   |
| <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>            | L3:122  |
| <b>ID</b>                   | 876   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 122   |
| <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> | -   |

# SMAKYNET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smakynet  |
| <b>Full Name</b>            | SMAKYNET  |
| <b>Description</b>          | Registered with IANA on port 122 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>            | L4:122  |
| <b>ID</b>                   | 991   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 122   |
| TCP Port                    | 122   |
| 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> | -   |

# SMARTPACKETS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smartpackets  |
| <b>Full Name</b>            | EMC SmartPackets  |
| <b>Description</b>          | Registered with IANA on port 3218 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>            | L4:3218   |
| <b>ID</b>                   | 1342  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 3218  |
| TCP Port                    | 3218  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | backup-systems  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SMARTSDP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smartsdp  |
| <b>Full Name</b>            | smartsdp  |
| <b>Description</b>          | Registered with IANA on port 426 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>            | L4:426  |
| <b>ID</b>                   | 341   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 426   |
| TCP Port                    | 426   |
| 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> | -   |



# SMP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | smp  |
| <b>Full Name</b>            | Simple Message Protocol  |
| <b>Description</b>          | The Simple Message Protocol (SMP) is intended to be used to implement thread-to-thread messaging locally or over the Internet, in a reliable and secure communication. |
| <b>Reference</b>            | <a href="http://rdos.net/smp/smp.txt">http://rdos.net/smp/smp.txt</a>  |
| <b>Global ID</b>            | L3:121   |
| <b>ID</b>                   | 875  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 121  |
| <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> | -  |

# SMPNAMERES

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smpnameres  |
| <b>Full Name</b>            | smpnameres  |
| <b>Description</b>          | Registered with IANA on port 901 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>            | L4:901  |
| <b>ID</b>                   | 664   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 901   |
| TCP Port                    | 901   |
| 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> | -   |

# SMSD

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smsd  |
| <b>Full Name</b>            | smsd  |
| <b>Description</b>          | The SysMan Station is a client-server application consisting of a daemon (smsd) and the SysMan Station graphical user interface (sysman station). The SysMan Station provides the ability to monitor and manage a single system or a TruCluster system. The smsd server is responsible for gathering system management data from the host and presenting that information to the SysMan Station client. |
| <b>Reference</b>            | <a href="http://30097.www3.hp.com/docsbase_doc/DOCUMENTATION/V51B_HTML/MAN/MAN80252__HTM">http://30097.www3.hp.com/docsbase_doc/DOCUMENTATION/V51B_HTML/MAN/MAN80252__HTM</a>   |
| <b>Global ID</b>            | L4:596  |
| <b>ID</b>                   | 510   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 596   |
| TCP Port                    | 596   |
| 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> | -   |

# SMSP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smsp  |
| <b>Full Name</b>            | Storage Management Services Protocol  |
| <b>Description</b>          | Registered with IANA on port 413 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>            | L4:413  |
| <b>ID</b>                   | 328   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 413   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SMTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | smtp  |
| <b>Full Name</b>            | Simple Mail Transfer Protocol   |
| <b>Description</b>          | Simple Mail Transfer Protocol (SMTP) is used for sending email messages between servers. Most e-mail systems that send mail over the internet use SMTP to send messages from one server to another, the messages can then be retrieved with an email client using either POP or IMAP protocols. In addition, SMTP is also used to send messages from a mail client to a mail server |
| <b>Reference</b>            | <a href="http://james.apache.org/server/rfclist/smtp/rfc0821.txt">http://james.apache.org/server/rfclist/smtp/rfc0821.txt</a>   |
| <b>Global ID</b>            | L4:25   |
| <b>ID</b>                   | 71  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | smtp-group  |
| <b>Category</b>             | email   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ftp   |

# SMUX

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | smux   |
| <b>Full Name</b>            | SNMP Multiplexing  |
| <b>Description</b>          | SNMP multiplexing (SMUX) is a computer networking protocol used in implementing the Simple Network Management Protocol (SNMP). It defines communications between the SNMP Agent and other processes. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1227.txt">http://www.ietf.org/rfc/rfc1227.txt</a>  |
| <b>Global ID</b>            | L4:199   |
| <b>ID</b>                   | 1097   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 199  |
| TCP Port                    | 199  |
| 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> | -  |

# SNAGAS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snagas  |
| <b>Full Name</b>            | SNA Gateway Access Server   |
| <b>Description</b>          | Gateway Access Server (GAS) is part of Systems Network Architecture (SNA), IBM's proprietary networking architecture. It is a complete protocol stack for interconnecting computers and their resources.                            |
| <b>Reference</b>            | <a href="http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm">http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm</a> |
| <b>Global ID</b>            | L4:108  |
| <b>ID</b>                   | 979   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 108   |
| TCP Port                    | 108   |
| 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> | -   |

# SNAPCHAT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snapchat  |
| <b>Full Name</b>            | Snapchat  |
| <b>Description</b>          | Snapchat is a multimedia messaging app.                         |
| <b>Reference</b>            | <a href="https://www.snapchat.com">https://www.snapchat.com</a> |
| <b>Global ID</b>            | L7:1242   |
| <b>ID</b>                   | 1242  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | social-networking   |
| <b>Sub Category</b>         | consumer-web-browsing   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | >http,ssl,dns   |



# SNARE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snare   |
| <b>Full Name</b>            | System iNtrusion Analysis and Reporting Environment   |
| <b>Description</b>          | System iNtrusion Analysis and Reporting Environment (SNARE) is a group of open-source agents, and a commercial server, used to collect audit log data from a variety of operating systems and applications to facilitate centralised log analysis. Agents are available for Linux, Windows, Solaris, IIS, Lotus Notes, Irix, AIX, ISA and more. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Snare_(software)">http://en.wikipedia.org/wiki/Snare_(software)</a>   |
| <b>Global ID</b>            | L4:509  |
| <b>ID</b>                   | 423   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 509   |
| TCP Port                    | 509   |
| 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> | -   |

# S-NET

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | s-net  |
| <b>Full Name</b>            | Sirius Systems   |
| <b>Description</b>          | Sirius Systems Software is a software for business needs. It provides business solutions for customers along with mobile devices support, connecting offices together, and ceating new customer database. It also provides remote monitoring and and email protection service. |
| <b>Reference</b>            | <a href="http://www.siriussystems.net/">http://www.siriussystems.net/</a>  |
| <b>Global ID</b>            | L4:166   |
| <b>ID</b>                   | 1011   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 166  |
| TCP Port                    | 166  |
| 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> | -  |

# SNMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snmp  |
| <b>Full Name</b>            | Simple Network Management Protocol  |
| <b>Description</b>          | Simple Network Management Protocol (SNMP) is a protocol used for a TCP/IP network management. It collects data about the network entities and distributes it among them. Typically the protocol uses TCP/UDP ports 161-162. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1157.txt">http://www.ietf.org/rfc/rfc1157.txt</a>   |
| <b>Global ID</b>            | L4:161  |
| <b>ID</b>                   | 38  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | snmp-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SNP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snp   |
| <b>Full Name</b>            | Sitara Network Protocol   |
| <b>Description</b>          | The Sitara Network Protocol (SNP) is a network control protocol that adds end-to-end intelligence to IP networks. It allows features such as quality of service control and load balance. |
| <b>Reference</b>            | <a href="http://www.dejean.com/mc/sitara/tech_snp-paper.html">http://www.dejean.com/mc/sitara/tech_snp-paper.html</a>   |
| <b>Global ID</b>            | L3:109  |
| <b>ID</b>                   | 863   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 109   |
| <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> | -   |

# SNPP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | snpp  |
| <b>Full Name</b>            | Simple Network Paging Protocol  |
| <b>Description</b>          | Simple Network Paging Protocol (SNPP) is a protocol that defines a method by which a pager can receive a message over the Internet. It is supported by most major paging providers, and serves as an alternative to the paging modems used by many telecommunications services. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1861.txt">http://www.ietf.org/rfc/rfc1861.txt</a>   |
| <b>Global ID</b>            | L4:444  |
| <b>ID</b>                   | 359   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 444   |
| TCP Port                    | 444   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | 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> | -   |

## SNTP-HEARTBEAT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sntp-heartbeat   |
| <b>Full Name</b>            | Simple Network Time Protocol Heartbeat   |
| <b>Description</b>          | Simple Network Time Protocol Heartbeat (SNTP-HEARTBEAT) is used to provide a multicast heartbeat in a network. It can be used by network operators as well as application developers to alert themselves to losses of multicast connectivity in portions of the network. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00">http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00</a>  |
| <b>Global ID</b>            | L4:580   |
| <b>ID</b>                   | 494  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 580  |
| TCP Port                    | 580  |
| 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> | -  |

# SOCKS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | socks  |
| <b>Full Name</b>            | SOCKS  |
| <b>Description</b>          | SOCKEt Secure (SOCKS) is an Internet protocol that facilitates the routing of network packets between client server applications via a proxy server. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1928.txt">http://www.ietf.org/rfc/rfc1928.txt</a>  |
| <b>Global ID</b>            | L4:1080  |
| <b>ID</b>                   | 39   |
| <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>         | routing-protocol   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | network-control  |
| <b>Tunnel</b>               | Yes  |
| <b>Underlying Protocols</b> | -  |

# SOHU-COM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sohu-com  |
| <b>Full Name</b>            | Sohu.com  |
| <b>Description</b>          | Sohu.com - Chinese search engine with other services like games and advertising |
| <b>Reference</b>            | <a href="http://sohu.com">http://sohu.com</a>                                   |
| <b>Global ID</b>            | L7:466  |
| <b>ID</b>                   | 259   |
| <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   |



# SOFTPC

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | softpc   |
| <b>Full Name</b>            | SoftPC   |
| <b>Description</b>          | SoftPC is a software emulator of x86 hardware by Insignia that runs MS-DOS on UNIX workstations and Windows on MAC OS. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/SoftPC">http://en.wikipedia.org/wiki/SoftPC</a>                                  |
| <b>Global ID</b>            | L4:215   |
| <b>ID</b>                   | 1112   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 215  |
| TCP Port                    | 215  |
| 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> | -  |

# SOFTROS-MESSENGER-FT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | softros-messenger-ft   |
| <b>Full Name</b>            | Softros LAN Messenger and File Transfer  |
| <b>Description</b>          | Softros LAN Messenger is a secure serverless instant messaging program for user-to-user or user-to-group message and file exchange through a network (LAN, WAN, VPN). Softros Messenger FT is the file transfer protocol of the Softros LAM Messenger. |
| <b>Reference</b>            | <a href="http://messenger.softros.com">http://messenger.softros.com</a>  |
| <b>Global ID</b>            | L4:19880   |
| <b>ID</b>                   | 1365   |
| <b>Known Mappings</b>       |  |
| UDP Port                    |  |
| TCP Port                    | 19880  |
| 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>         | file-sharing   |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SONAR

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sonar   |
| <b>Full Name</b>            | Sonar   |
| <b>Description</b>          | Sonar is a service designed to allow the availability of network-accessible resources to a world wide audience by providing several copies (or mirrors) of those resources at multiple locations. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/draft-moore-sonar-01">http://tools.ietf.org/html/draft-moore-sonar-01</a>   |
| <b>Global ID</b>            | L4:572  |
| <b>ID</b>                   | 486   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 572   |
| TCP Port                    | 572   |
| 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> | -   |

# SONGSARI

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | songsari  |
| <b>Full Name</b>            | Songsari  |
| <b>Description</b>          | Songsari is a commercial media distribution website popular in south Korea. Users registered to the website can download media files such as video and audio. |
| <b>Reference</b>            | <a href="http://www.songsari.com/">http://www.songsari.com/</a>   |
| <b>Global ID</b>            | L7:450  |
| <b>ID</b>                   | 1094  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | streaming   |
| <b>P2P Technology</b>       | 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  |

# SOPCAST

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sopcast  |
| <b>Full Name</b>            | SopCast  |
| <b>Description</b>          | SopCast is a simple, free way to broadcast or watch video and audio on the Internet. It uses Peer to Peer (P2P) technology that enables anyone become a broadcaster without requiring a powerful server or vast bandwidth. |
| <b>Reference</b>            | <a href="http://www.sopcast.org/">http://www.sopcast.org/</a>  |
| <b>Global ID</b>            | L7:429   |
| <b>ID</b>                   | 116  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | voice-and-video  |
| <b>Sub Category</b>         | streaming  |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,dns,quic  |

# SORIBADA

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | soribada   |
| <b>Full Name</b>            | Soribada   |
| <b>Description</b>          | The Soribada protocol is used by the Soribada file-sharing application popular in Korea. It also has paid services for MP3 file downloading. |
| <b>Reference</b>            | <a href="http://kpop.soribada.com/En/">http://kpop.soribada.com/En/</a>  |
| <b>Global ID</b>            | L7:438   |
| <b>ID</b>                   | 842  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | streaming  |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http   |

# SOULSEEK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | soulseek  |
| <b>Full Name</b>            | Soulseek  |
| <b>Description</b>          | SoulSeek is a peer to peer file sharing application. It has its own network that is also named Soulseek. The application is based on the Windows platform. The browsing for downloads is done by users with folder trees. |
| <b>Reference</b>            | <a href="http://www.slsknet.org/">http://www.slsknet.org/</a>   |
| <b>Global ID</b>            | L7:267  |
| <b>ID</b>                   | 431   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | p2p-file-transfer   |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SOURCEFORGE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sourceforge   |
| <b>Full Name</b>            | SourceForge   |
| <b>Description</b>          | SourceForge, web-based open source application repository and software directory. |
| <b>Reference</b>            | <a href="https://www.sourceforge.net">https://www.sourceforge.net</a>             |
| <b>Global ID</b>            | L7:1200   |
| <b>ID</b>                   | 1200  |
| <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,dns   |



# SOUTHWEST-AIRLINES

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | southwest-airlines                                      |
| <b>Full Name</b>            | Southwest Airlines                                      |
| <b>Description</b>          | Southwest Airlines - Airlines service in United States. |
| <b>Reference</b>            | <a href="http://southwest.com">http://southwest.com</a> |
| <b>Global ID</b>            | L7:729  |
| <b>ID</b>                   | 1659  |
| <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                                       |

# SPEEDTEST

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | speedtest   |
| <b>Full Name</b>            | Speedtest   |
| <b>Description</b>          | Speedtest - Test the download and upload speed of the internet. |
| <b>Reference</b>            | <a href="http://speedtest.net">http://speedtest.net</a>         |
| <b>Global ID</b>            | L7:692  |
| <b>ID</b>                   | 1622  |
| <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   |

# SPIEGEL-ONLINE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | spiegel-online  |
| <b>Full Name</b>            | Spiegel Online  |
| <b>Description</b>          | Spiegel Online - Web portal for the Germans magazine Der Speigel. |
| <b>Reference</b>            | <a href="http://spiegel.de">http://spiegel.de</a>                 |
| <b>Global ID</b>            | L7:678  |
| <b>ID</b>                   | 1608  |
| <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   |

# SPDY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | spdy  |
| <b>Full Name</b>            | SPDY  |
| <b>Description</b>          | SPDY (pronounced speedy) is an open networking protocol developed primarily at Google for transporting web content. SPDY is similar to HTTP, with particular goals to reduce web page load latency and improve web security. SPDY achieves reduced latency through compression, multiplexing, and prioritization. The name "SPDY" is a trademark of Google. |
| <b>Reference</b>            | <a href="http://dev.chromium.org/spdy">http://dev.chromium.org/spdy</a>   |
| <b>Global ID</b>            | L7:541  |
| <b>ID</b>                   | 1474  |
| <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>             | browsing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | ssl   |

# SPLUNK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | splunk  |
| <b>Full Name</b>            | Splunk  |
| <b>Description</b>          | Splunk is a platform for collecting and analyzing machine-generated big data in an enterprise IT environment. |
| <b>Reference</b>            | <a href="http://www.splunk.com">http://www.splunk.com</a>   |
| <b>Global ID</b>            | L7:1084   |
| <b>ID</b>                   | 1084  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# SPMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | spmp  |
| <b>Full Name</b>            | SPMP  |
| <b>Description</b>          | Registered with IANA on port 656 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>            | L4:656  |
| <b>ID</b>                   | 565   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 656   |
| TCP Port                    | 656   |
| 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> | -   |

# SPOTIFY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | spotify   |
| <b>Full Name</b>            | Spotify   |
| <b>Description</b>          | Spotify is a commercial music streaming service providing digital rights management (DRM)-restricted content from record labels, including Sony, EMI, Warner Music Group and Universal. Users can browse for music, or search by artist, album, genre, playlist, or record label. Paid "Premium" subscriptions remove advertisements and allow users to download music to listen offline. |
| <b>Reference</b>            | <a href="http://www.spotify.com/">http://www.spotify.com/</a>   |
| <b>Global ID</b>            | L7:1165   |
| <b>ID</b>                   | 1165  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-streaming  |
| <b>Sub Category</b>         | consumer-audio-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,rtmp,dns   |

# SPRITE-RPC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sprite-rpc  |
| <b>Full Name</b>            | Sprite RPC Protocol   |
| <b>Description</b>          | The Sprite operating system is designed for a set of cooperating hosts that communicate over a network, If a service is not implemented locally, the local Sprite kernel uses remote procedure call (RPC) to call a service procedure on a remote server machine. |
| <b>Reference</b>            | <a href="http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf">http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf</a>   |
| <b>Global ID</b>            | L3:90   |
| <b>ID</b>                   | 844   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 90  |
| <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> | -   |



# SPS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sps   |
| <b>Full Name</b>            | Secure Packet Shield  |
| <b>Description</b>          | Secure Packet Shield (SPS) is an internet security protocol designed in 1998 for use in Fortress Technologies products as an alternative to IPSEC.  |
| <b>Reference</b>            | <a href="http://www.infodiv.com/Secure+Packet+Shield+Technology+Provides+More+Robust+Alternative+to+IPSEC">http://www.infodiv.com/Secure+Packet+Shield+Technology+Provides+More+Robust+Alternative+to+IPSEC</a> |
| <b>Global ID</b>            | L3:130  |
| <b>ID</b>                   | 1228  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 130   |
| <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> | -   |

# SPSC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | spsc  |
| <b>Full Name</b>            | spsc  |
| <b>Description</b>          | Registered with IANA on port 478 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>            | L4:478  |
| <b>ID</b>                   | 392   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 478   |
| TCP Port                    | 478   |
| 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> | -   |

# SOLExec

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sqlxec   |
| <b>Full Name</b>            | IBM Informix SQL Interface   |
| <b>Description</b>          | IBM Informix SQL is a database application development system that features a suite of application development tools for small and large database applications. The Informix SQL suite includes a schema editor, menu builder, SQL editor, forms builder, and report writer. |
| <b>Reference</b>            | <a href="http://www-01.ibm.com/software/data/informix/tools/isql/">http://www-01.ibm.com/software/data/informix/tools/isql/</a>  |
| <b>Global ID</b>            | L4:9088  |
| <b>ID</b>                   | 90   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 9088   |
| TCP Port                    | 9088   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | sqlsvr-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | database   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SQLI

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sqli  |
| <b>Full Name</b>            | SQLI  |
| <b>Description</b>          | The SQLI (Structured Query Language Interface) protocol is a proprietary protocol used by IBM Informix servers.   |
| <b>Reference</b>            | <a href="https://www.ibm.com/support/knowledgecenter/en/SSGU8G_12.1.0/com.ibm.jdbc_pg.doc/ids_jdbc_038.htm">https://www.ibm.com/support/knowledgecenter/en/SSGU8G_12.1.0/com.ibm.jdbc_pg.doc/ids_jdbc_038.htm</a> |
| <b>Global ID</b>            | L7:1149   |
| <b>ID</b>                   | 1149  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | sqlsvr-group  |
| <b>Business Relevance</b>   | business-relevant   |
| <b>Category</b>             | database  |
| <b>Sub Category</b>         | enterprise-transactional-apps   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http  |

# SQLNET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sqlnet  |
| <b>Full Name</b>            | SQLNet  |
| <b>Description</b>          | SQL*NET is a client-server middleware used to transfer information between databases and between database to clients. |
| <b>Reference</b>            | <a href="http://www.orafaq.com/wiki/SQL*Net">http://www.orafaq.com/wiki/SQL*Net</a>                                   |
| <b>Global ID</b>            | L4:1700   |
| <b>ID</b>                   | 51  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | No  |
| IPv6 Support                | No  |
| <b>Application Group</b>    | sqlsvr-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <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>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> | -   |

# SQL-NET

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sql-net  |
| <b>Full Name</b>            | SQL-NET  |
| <b>Description</b>          | SQL*Net (or Net8) is a networking software developed by Oracle. It allows remote data-access between programs and the Oracle Database. |
| <b>Reference</b>            | <a href="http://www.orafaq.com/wiki/SQL*Net">http://www.orafaq.com/wiki/SQL*Net</a>  |
| <b>Global ID</b>            | L4:150   |
| <b>ID</b>                   | 978  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | sqlsvr-group   |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | database   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SQLSERV

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sqlserv  |
| <b>Full Name</b>            | REAL SQL Server  |
| <b>Description</b>          | REAL Server is a relational database management system (RDBMS) built on top of the SQLite database engine. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/REAL_Server">http://en.wikipedia.org/wiki/REAL_Server</a>            |
| <b>Global ID</b>            | L4:118   |
| <b>ID</b>                   | 988  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 118  |
| TCP Port                    | 118  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | sqlsvr-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | database   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SQLSERVER

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sqlserver  |
| <b>Full Name</b>            | Microsoft SQL Server   |
| <b>Description</b>          | Microsoft SQL Server is a relational database server, developed by Microsoft. It is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network. |
| <b>Reference</b>            | <a href="http://technet.microsoft.com/en-us/sqlserver/default">http://technet.microsoft.com/en-us/sqlserver/default</a>  |
| <b>Global ID</b>            | L4:1433  |
| <b>ID</b>                   | 25   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 1433   |
| TCP Port                    | 1433   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | sqlsvr-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | database   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | cifs   |



# SQLSRV

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sqlsrv  |
| <b>Full Name</b>            | SQL Service   |
| <b>Description</b>          | Registered with IANA on port 156 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>            | L4:156  |
| <b>ID</b>                   | 684   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 156   |
| TCP Port                    | 156   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | sqlsvr-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <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> | -   |

# SRC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | src   |
| <b>Full Name</b>            | IBM System Resource Controller  |
| <b>Description</b>          | The System Resource Controller (SRC) provides a set of commands and subroutines to make it easier for the system manager and programmer to create and control subsystems. |
| <b>Reference</b>            | <a href="http://pubchem.ncbi.nlm.nih.gov/compound/20116434">http://pubchem.ncbi.nlm.nih.gov/compound/20116434</a>   |
| <b>Global ID</b>            | L4:200  |
| <b>ID</b>                   | 1098  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 200   |
| TCP Port                    | 200   |
| 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> | -   |

# SRMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | srmp  |
| <b>Full Name</b>            | Spider Remote Monitoring Protocol   |
| <b>Description</b>          | Registered with IANA on port 193 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>            | L4:193  |
| <b>ID</b>                   | 1039  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 193   |
| TCP Port                    | 193   |
| 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> | -   |

# SRP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | srp  |
| <b>Full Name</b>            | SpectraLink Radio Protocol   |
| <b>Description</b>          | SpectraLink Radio Protocol (SRP) is a proprietary protocol used in conjunction with SpectraLink Voice Priority (SVP) in SpectraLink NetLink telephones for all communications among themselves and other pieces of SpectraLink VoWLAN infrastructures. |
| <b>Reference</b>            | <a href="http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml">http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml</a>  |
| <b>Global ID</b>            | L3:119   |
| <b>ID</b>                   | 873  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 119  |
| <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> | -  |

# SRSSSEND

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | srssend   |
| <b>Full Name</b>            | SRS Send  |
| <b>Description</b>          | Registered with IANA on port 362 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>            | L4:362  |
| <b>ID</b>                   | 278   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 362   |
| TCP Port                    | 362   |
| 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> | -   |

# SS7NS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ss7ns   |
| <b>Full Name</b>            | ss7ns   |
| <b>Description</b>          | Registered with IANA on port 477 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>            | L4:477  |
| <b>ID</b>                   | 391   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 477   |
| TCP Port                    | 477   |
| 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>             | voice-and-video   |
| <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> | -   |

# SSCOPMCE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sscopmce  |
| <b>Full Name</b>            | SSCOPMCE  |
| <b>Description</b>          | Service Specific Connection Oriented Protocol in a Multilink and Connectionless Environment (SSCOPMCE) is a peer-to-peer protocol deployed on a single ATM connection, multiple ATM connections between the same endpoints, or on a connectionless network. |
| <b>Reference</b>            | <a href="http://www.itu.int/rec/T-REC-Q.2111/en">http://www.itu.int/rec/T-REC-Q.2111/en</a>   |
| <b>Global ID</b>            | L3:128  |
| <b>ID</b>                   | 1226  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 128   |
| <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> | -   |

# SSDP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ssdp  |
| <b>Full Name</b>            | Simple Service Discovery Protocol   |
| <b>Description</b>          | The Simple Service Discovery Protocol (SSDP) is a network protocol based on the Internet protocol suite for advertisement and discovery of network services and presence information. |
| <b>Reference</b>            | <a href="https://tools.ietf.org/html/draft-cai-ssdp-v1-03">https://tools.ietf.org/html/draft-cai-ssdp-v1-03</a>   |
| <b>Global ID</b>            | L7:1265   |
| <b>ID</b>                   | 1265  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | multimedia-streaming  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# SSH

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ssh   |
| <b>Full Name</b>            | Secure Shell  |
| <b>Description</b>          | Secure Shell Protocol (SSH) is a protocol used to secure login and other secure network services over an unsecure network. The protocol based on a client-server architecture has three steps for the connection: First the server has to be authenticated to the client over a reliable transport connection (usually TCP/IP), then the client side is authenticated-only then the connection is established and the client-server encrypted connection can transfer data between them. Typically the protocol uses TCP port 22. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc4251.txt">http://www.ietf.org/rfc/rfc4251.txt</a>   |
| <b>Global ID</b>            | L4:22   |
| <b>ID</b>                   | 40  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    | 22  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | terminal  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | -   |

# SSHELL

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sshell  |
| <b>Full Name</b>            | SSLshell  |
| <b>Description</b>          | SSL Shell establishes a Secure Shell connection to a server and starts up the user's default shell.                           |
| <b>Reference</b>            | <a href="http://www.nsoftware.com/products/component/sshell.aspx">http://www.nsoftware.com/products/component/sshell.aspx</a> |
| <b>Global ID</b>            | L4:614  |
| <b>ID</b>                   | 523   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | remote-access-terminal  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | 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,spdy  |

# SSL

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | ssl  |
| <b>Full Name</b>            | SSL  |
| <b>Description</b>          | Secure Socket Layer (SSL) is a cryptographic protocol that provides communication security over the Internet. SSL encrypts the segments of network connections above the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and a keyed message authentication code for message reliability. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc6101">http://tools.ietf.org/html/rfc6101</a>  |
| <b>Global ID</b>            | L7:453   |
| <b>ID</b>                   | 1312   |
| <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>             | internet-privacy   |
| <b>Sub Category</b>         | tunneling-protocols  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | Yes  |
| <b>Underlying Protocols</b> | spdy,xmpp-client,http  |

## SSL-LOCAL-NET

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ssl-local-net   |
| <b>Full Name</b>            | LOCAL NET SSL   |
| <b>Description</b>          | Local network generic SSL traffic. Secure Socket Layer (SSL) is a cryptographic protocol that provides communication security over the Internet. SSL encrypts the segments of network connections above the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and a keyed message authentication code for message reliability. |
| <b>Reference</b>            |   |
| <b>Global ID</b>            | L7:813  |
| <b>ID</b>                   | 1744  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | enterprise-transactional-apps   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | dns,ssl   |

# SST

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sst   |
| <b>Full Name</b>            | SCSI on ST  |
| <b>Description</b>          | SCSI on Scheduled Transfer (ST) standard (SST) defines a method of encapsulating SCSI packets inside STP (ST Protocol), providing a possibility for high-performance network-attached storage. SCSI (Small Computer System Interface) is a set of standards for physically connecting and transferring data between computers and peripheral devices. |
| <b>Reference</b>            | <a href="https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf">https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf</a>   |
| <b>Global ID</b>            | L4:266  |
| <b>ID</b>                   | 1138  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | enterprise-data-center-storage  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | tcp,udp   |

## ST

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | st  |
| <b>Full Name</b>            | Stream  |
| <b>Description</b>          | Internet Stream Protocol (ST or ST2) is an experimental resource reservation protocol intended to provide end-to-end real-time guarantees over an internet. It allows applications to build multi-destination simplex data streams with a desired quality of service. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1190">http://tools.ietf.org/html/rfc1190</a>   |
| <b>Global ID</b>            | L3:5  |
| <b>ID</b>                   | 761   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 5   |
| <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> | -   |

# STACK-OVERFLOW

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | stack-overflow  |
| <b>Full Name</b>            | Stack Overflow  |
| <b>Description</b>          | Stack Overflow - Question and Answering site for programmers.   |
| <b>Reference</b>            | <a href="http://stackoverflow.com">http://stackoverflow.com</a> |
| <b>Global ID</b>            | L7:600  |
| <b>ID</b>                   | 264   |
| <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   |

# STATSRV

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | statsrv  |
| <b>Full Name</b>            | Statistics Server  |
| <b>Description</b>          | The Statistics Server (STATSRV) protocol is intended as a lightweight mechanism similar in spirit to NETSTAT and complementary to it. STATSRV is designed to capture statistics data with minimal intrusion on existing systems or networks. It is intended for use with existing hosts and gateways primarily for casual monitoring and debugging purposes. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/rfc/rfc996">http://tools.ietf.org/rfc/rfc996</a>  |
| <b>Global ID</b>            | L4:133   |
| <b>ID</b>                   | 1162   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 133  |
| TCP Port                    | 133  |
| 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> | -  |



# STATCOUNTER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | statcounter   |
| <b>Full Name</b>            | StatCounter   |
| <b>Description</b>          | StatCounter - Web traffic analyser.                         |
| <b>Reference</b>            | <a href="http://statcounter.com">http://statcounter.com</a> |
| <b>Global ID</b>            | L7:725  |
| <b>ID</b>                   | 1655  |
| <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   |

## STATISTICAL-CONF-AUDIO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | statistical-conf-audio                                    |
| <b>Full Name</b>            | Statistical Conference Audio                              |
| <b>Description</b>          | Statistical Conference Audio based on machine learning.   |
| <b>Reference</b>            |   |
| <b>Global ID</b>            | L7:1801   |
| <b>ID</b>                   | 1801  |
| <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> | statistical-download                                      |

# STATISTICAL-CONF-VIDEO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | statistical-conf-video                                  |
| <b>Full Name</b>            | Statistical Conference Video                            |
| <b>Description</b>          | Statistical Conference Video based on machine learning. |
| <b>Reference</b>            |   |
| <b>Global ID</b>            | L7:1800   |
| <b>ID</b>                   | 1800  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | statistical-download                                    |

## STATISTICAL-DOWNLOAD

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | statistical-download                            |
| <b>Full Name</b>            | Statistical Download                            |
| <b>Description</b>          | Statistical download based on machine learning. |
| <b>Reference</b>            |   |
| <b>Global ID</b>            | L7:1888   |
| <b>ID</b>                   | 1888  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | unassigned                                      |
| <b>Encrypted</b>            | unassigned                                      |
| <b>Traffic-class</b>        | bulk-data                                       |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | statistical-download                            |

## STATISTICAL-P2P

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | statistical-p2p   |
| <b>Full Name</b>            | Statistical Peer-to-Peer                                  |
| <b>Description</b>          | Statistical peer-to-peer based on machine learning.       |
| <b>Reference</b>            |   |
| <b>Global ID</b>            | L7:1889   |
| <b>ID</b>                   | 1889  |
| <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> | statistical-download                                      |

# STEAM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | steam  |
| <b>Full Name</b>            | Steam  |
| <b>Description</b>          | Steam is a massive gaming community and an online gaming platform. It delivers games to users' desktops and it allows gamers to communicate while playing online using text chatting or audio. |
| <b>Reference</b>            | <a href="http://store.steampowered.com/about/">http://store.steampowered.com/about/</a>  |
| <b>Global ID</b>            | L7:472   |
| <b>ID</b>                   | 1401   |
| <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>             | gaming   |
| <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> | -  |

# STMF

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | stmf  |
| <b>Full Name</b>            | STMF  |
| <b>Description</b>          | Registered with IANA on port 501 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>            | L4:501  |
| <b>ID</b>                   | 415   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 501   |
| TCP Port                    | 501   |
| 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> | -   |

# STREAMWORK

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | streamwork   |
| <b>Full Name</b>            | StreamWork   |
| <b>Description</b>          | DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match.<br>Stream Work developed by Xing Technology is a network delivery of live and on-demand of video and audio data. NBC is using it for broadcasting financial news, popular in the U.S and Europe. The protocol is based on a client server architecture and uses connectionless protocol UDP. |
| <b>Reference</b>            | <a href="http://www.sapstreamwork.com/how-it-works">http://www.sapstreamwork.com/how-it-works</a>  |
| <b>Global ID</b>            | L7:427   |
| <b>ID</b>                   | 55   |
| <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> | -  |



# STREETALK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | streettalk  |
| <b>Full Name</b>            | streettalk  |
| <b>Description</b>          | Registered with IANA on port 566 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>            | L4:566  |
| <b>ID</b>                   | 481   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 566   |
| TCP Port                    | 566   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | banyan-group  |
| <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> | -   |

# STUN-NAT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | stun-nat  |
| <b>Full Name</b>            | Stun NAT  |
| <b>Description</b>          | Session Traversal Utilities for NAT (STUN) is an Internet standards-track suite of methods, including a network protocol, used in NAT traversal for applications of real-time voice, video, messaging, and other interactive IP communications. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc5389">http://tools.ietf.org/html/rfc5389</a>   |
| <b>Global ID</b>            | L4:3478   |
| <b>ID</b>                   | 894   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | stun-group  |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | layer3-over-ip  |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl   |

# STUNS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | stuns   |
| <b>Full Name</b>            | STUN over TLS   |
| <b>Description</b>          | Session Traversal Utilities for NAT provides a means for an endpoint to determine the IP address and port allocated by a NAT that corresponds to its private IP address and port. It also provides a way for an endpoint to keep a NAT binding alive. With some extensions, the protocol can be used to do connectivity checks between two endpoints [MMUSIC-ICE], or to relay packets between two endpoints. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc5389">http://tools.ietf.org/html/rfc5389</a>   |
| <b>Global ID</b>            | L4:5349   |
| <b>ID</b>                   | 1321  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 5349  |
| TCP Port                    | 5349  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | stun-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | 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> | -   |

# STX

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | stx   |
| <b>Full Name</b>            | Stock IXChange  |
| <b>Description</b>          | Registered with IANA on port 527 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>            | L4:527  |
| <b>ID</b>                   | 445   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 527   |
| TCP Port                    | 527   |
| 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> | -   |

# SUBMISSION

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | submission   |
| <b>Full Name</b>            | Mail Submission Agent  |
| <b>Description</b>          | A mail submission agent (MSA) is a computer program or software agent that receives electronic mail messages from a mail user agent (MUA) and cooperates with a mail transfer agent (MTA) for delivery of the mail. It uses a variant of the Simple Mail Transfer Protocol (SMTP). |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Mail_submission_agent">http://en.wikipedia.org/wiki/Mail_submission_agent</a>  |
| <b>Global ID</b>            | L4:587   |
| <b>ID</b>                   | 501  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | smtp-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | email  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SUBMIT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | submit  |
| <b>Full Name</b>            | Submit Protocol   |
| <b>Description</b>          | Registered with IANA on port 773 TCP  |
| <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>            | L4:773  |
| <b>ID</b>                   | 643   |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    | 773   |
| 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> | -   |

# SUBNTBCST\_TFTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | subntbcst_tftp  |
| <b>Full Name</b>            | SUBNTBCST_TFTP  |
| <b>Description</b>          | Registered with IANA on port 247 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>            | L4:247  |
| <b>ID</b>                   | 1127  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 247   |
| TCP Port                    | 247   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | tftp-group  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | client-server   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SUGARCRM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | surgarcrm  |
| <b>Full Name</b>            | SugarCRM   |
| <b>Description</b>          | SugarCRM is a Cupertino, California-based company that produces the web application, Sugar, a customer relationship management (CRM) system. |
| <b>Reference</b>            | <a href="https://www.sugarcrm.com/">https://www.sugarcrm.com/</a>  |
| <b>Global ID</b>            | L7:1196  |
| <b>ID</b>                   | 1196   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | enterprise-cloud-services  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,ssl,dns   |



# SU-MIT-TG

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | su-mit-tg   |
| <b>Full Name</b>            | SU/MIT Telnet Gateway   |
| <b>Description</b>          | SU/MIT Telnet Gateway is used to enable users to telnet between networks running different protocols.   |
| <b>Reference</b>            | <a href="http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html">http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html</a> |
| <b>Global ID</b>            | L4:89   |
| <b>ID</b>                   | 960   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 89  |
| TCP Port                    | 89  |
| 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> | -   |

## SUN-DR

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sun-dr   |
| <b>Full Name</b>            | SUNDR  |
| <b>Description</b>          | SUNDR is a network file system designed to store data securely on untrusted servers. SUNDR lets clients detect any attempts at unauthorized file modification by malicious server operators or users. SUNDR's protocol achieves a property called fork consistency, which guarantees that clients can detect any integrity or consistency failures as long as they see each other's file modifications. An implementation is described that performs comparably with NFS (sometimes better and sometimes worse), while offering significantly stronger security. |
| <b>Reference</b>            | <a href="http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf">http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf</a>  |
| <b>Global ID</b>            | L4:665   |
| <b>ID</b>                   | 573  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 665  |
| TCP Port                    | 665  |
| 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> | -  |

# SUN-ND

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sun-nd  |
| <b>Full Name</b>            | SUN ND PROTOCOL-Temporary   |
| <b>Description</b>          | Registered with IANA as IP Protocol 77  |
| <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>            | L3:77   |
| <b>ID</b>                   | 831   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 77  |
| <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> | -   |

# SUNRPC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sunrpc  |
| <b>Full Name</b>            | Sun Remote Procedure Call   |
| <b>Description</b>          | Sun Microsystems Remote Procedure Call (SunRPC) is a client-server protocol that allows users to call procedures remotely, which means the procedure is actually done at the server and not at the local user. The server holds a port mapper that listens to queries, usually on port 111. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1057.txt">http://www.ietf.org/rfc/rfc1057.txt</a>   |
| <b>Global ID</b>            | L4:111  |
| <b>ID</b>                   | 54  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 111   |
| TCP Port                    | 111   |
| 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>         | inter-process-rpc   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SUPDUP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | supdup   |
| <b>Full Name</b>            | SUPDUP   |
| <b>Description</b>          | The SUPDUP protocol provides means for login to a remote system over a network with terminal-independent output, so that only the local system need know how to handle the user's terminal. It offers facilities for graphics and for local assistance to remote text editors. |
| <b>Reference</b>            | <a href="http://dspace.mit.edu/handle/1721.1/5694">http://dspace.mit.edu/handle/1721.1/5694</a>  |
| <b>Global ID</b>            | L4:95  |
| <b>ID</b>                   | 966  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 95   |
| TCP Port                    | 95   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | remote-access-terminal   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SURF

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | surf  |
| <b>Full Name</b>            | Speeded Up Robust Feature   |
| <b>Description</b>          | Speeded Up Robust Feature (SURF) is a robust local feature detector that can be used in computer vision tasks like object recognition or 3D reconstruction. It is partly inspired by the SIFT descriptor. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/SURF">http://en.wikipedia.org/wiki/SURF</a>   |
| <b>Global ID</b>            | L4:1010   |
| <b>ID</b>                   | 681   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 1010  |
| TCP Port                    | 1010  |
| 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> | -   |

# SUR-MEAS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | sur-meas  |
| <b>Full Name</b>            | Survey Measurement  |
| <b>Description</b>          | Registered with IANA on port 243 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>            | L4:243  |
| <b>ID</b>                   | 1123  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 243   |
| TCP Port                    | 243   |
| 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> | -   |

# SVN

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | svn   |
| <b>Full Name</b>            | Version control system  |
| <b>Description</b>          | Apache Subversion (SVN) is a software versioning and revision control system distributed under an open source license. Developers use Subversion to maintain current and historical versions of files such as source code, web pages, and documentation. Its goal is to be a mostly-compatible successor to the widely used Concurrent Versions System (CVS). |
| <b>Reference</b>            | <a href="http://subversion.apache.org/">http://subversion.apache.org/</a>   |
| <b>Global ID</b>            | L4:3690   |
| <b>ID</b>                   | 1366  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 3690  |
| TCP Port                    | 3690  |
| 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>         | file-sharing  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# SVRLOC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | svrloc  |
| <b>Full Name</b>            | Server Location   |
| <b>Description</b>          | The Service Location Protocol (SLP, srvloc) is a service discovery protocol that allows computers and other devices to find services in a local area network without prior configuration. SLP has been designed to scale from small, unmanaged networks to large enterprise networks. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc2608.txt">http://www.ietf.org/rfc/rfc2608.txt</a>   |
| <b>Global ID</b>            | L4:427  |
| <b>ID</b>                   | 342   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 427   |
| TCP Port                    | 427   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | control-and-signaling   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SWIFT-RVF

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | swift-rvf   |
| <b>Full Name</b>            | Swift Remote Virtual File Protocol  |
| <b>Description</b>          | Registered with IANA on port 97 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>            | L4:97   |
| <b>ID</b>                   | 968   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 97  |
| TCP Port                    | 97  |
| 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>         | storage   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SWAGBUCKS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | swagbucks   |
| <b>Full Name</b>            | Swagbucks   |
| <b>Description</b>          | Swagbucks - Online rewards program.                     |
| <b>Reference</b>            | <a href="http://swagbucks.com">http://swagbucks.com</a> |
| <b>Global ID</b>            | L7:767  |
| <b>ID</b>                   | 1697  |
| <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                                       |

# SWIPE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | swipe  |
| <b>Full Name</b>            | Swipe  |
| <b>Description</b>          | The swIPe IP Security Protocol (swIPe) is an experimental Internet Protocol (IP) security protocol that was specified in 1993. It operates at the Internet Layer of the Internet Protocol Suite. |
| <b>Reference</b>            | <a href="http://www.crypto.com/papers/swipe.id.txt">http://www.crypto.com/papers/swipe.id.txt</a>  |
| <b>Global ID</b>            | L3:53  |
| <b>ID</b>                   | 807  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 53   |
| <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> | -  |

# SYBASE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | sybase   |
| <b>Full Name</b>            | Sybase   |
| <b>Description</b>          | Sybase Database Management Software is a suite that offers business and enterprise-level database management services. The software is based on client-server architecture that works on multiple platforms such as Windows and Linux. The software usually uses TCP/UDP ports 1498, 2439, 2638, and 4950. |
| <b>Reference</b>            | <a href="http://www.sybase.com/products/databasemanagement">http://www.sybase.com/products/databasemanagement</a>  |
| <b>Global ID</b>            | L4:1498  |
| <b>ID</b>                   | 1390   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 1498,2439,2638,4950  |
| TCP Port                    | 1498,2439,2638,4950  |
| 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> | -  |

# SYNERGY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | synergy   |
| <b>Full Name</b>            | Computer Resources Sharing Application  |
| <b>Description</b>          | Synergy is a computer resources sharing application that lets users easily share a mouse and keyboard between multiple computers. It works on Windows, Mac OS X and Linux |
| <b>Reference</b>            | <a href="http://synergy-foss.org">http://synergy-foss.org</a>   |
| <b>Global ID</b>            | L4:24800  |
| <b>ID</b>                   | 1367  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | tcp,udp   |

# SYNOPTICS-TRAP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | synoptics-trap  |
| <b>Full Name</b>            | SynOptics Trap Convention Port  |
| <b>Description</b>          | Registered with IANA on port 412 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>            | L4:412  |
| <b>ID</b>                   | 327   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 412   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | snmp-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SYNOTICS-BROKER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | synotics-broker   |
| <b>Full Name</b>            | SynOptics SNMP Broker Port  |
| <b>Description</b>          | Registered with IANA on port 392 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>            | L4:392  |
| <b>ID</b>                   | 308   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 392   |
| TCP Port                    | 392   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | snmp-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



## SYNOTICS-RELAY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | synotics-relay  |
| <b>Full Name</b>            | SynOptics SNMP Relay Port   |
| <b>Description</b>          | Registered with IANA on port 391 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>            | L4:391  |
| <b>ID</b>                   | 307   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 391   |
| TCP Port                    | 391   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | snmp-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# SYSLOG

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | syslog   |
| <b>Full Name</b>            | Syslog   |
| <b>Description</b>          | System Logging Utility (syslog) is a protocol used to transfer event notifications. The protocol was first developed by the University of California: Berkeley Software Distribution (BSD) |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc5424">http://tools.ietf.org/html/rfc5424</a>  |
| <b>Global ID</b>            | L7:41  |
| <b>ID</b>                   | 41   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 514  |
| TCP Port                    |  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | network-management   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# SYSTAT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | systat  |
| <b>Full Name</b>            | SYSTAT Statistical Analysis Software                              |
| <b>Description</b>          | SYSTAT is a statistical analysis and graphics software package.   |
| <b>Reference</b>            | <a href="http://www.systat.com/">http://www.systat.com/</a>       |
| <b>Global ID</b>            | L4:11   |
| <b>ID</b>                   | 102   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 11  |
| TCP Port                    | 11  |
| 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> | -   |

