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### **CABLEPORT-AX**

| Name/CLI Keyword            | cableport-ax  |
|-----------------------------|---|
| Full Name                   | Cable Port A/X  |
| Description                 | Registered with IANA on port 282 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:282  |
| ID                          | 1143  |
| Known Mappings              |   |
| UDP Port                    | 282   |
| TCP Port                    | 282   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CAB-PROTOCOL**

| Nome of CLI Vermond         | ach material  |
|-----------------------------|---|
| Name/CLI Keyword            | cab-protocol  |
| Full Name                   | CAB Protocol  |
| Description                 | CAB Protocol provides a real estate developer and/or a facility manager with a suite of standardized methods for exchanging real-time data between building automation systems. |
| Reference                   | http://tech-env.com/cab.html  |
| Global ID                   | L4:595  |
| ID                          | 509   |
| Known Mappings              |   |
| UDP Port                    | 595   |
| TCP Port                    | 595   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | industrial-protocols  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CADLOCK**

| Name/CLI Keyword            | cadlock  |
|-----------------------------|--|
| Full Name                   | CadLock  |
| Description                 | Cadlock is used to access AutoCad drawings protected by CadVault, a CadLock Incorporated product for digital rights management of graphical and non-graphical elements within AutoCAD drawing files. |
| Reference                   | http://www.cadlock.com/  |
| Global ID                   | L4:770   |
| ID                          | 640  |
| Known Mappings              |  |
| UDP Port                    | 770  |
| TCP Port                    | 770  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | other  |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

## **CAILIC**

| Name/CLI Keyword            | cailic  |
|-----------------------------|---|
| Full Name                   | cailic  |
| Description                 | Computer Associates Intl License Server                   |
| Reference                   | -   |
| Global ID                   | L4:216  |
| ID                          | 1113  |
| Known Mappings              |   |
| UDP Port                    | 216   |
| TCP Port                    | 216   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | business-and-productivity-tools                           |
| Sub Category                | license-manager   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only. |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CALIFORNIA-GOV**

| Name/CLI Keyword            | california-gov   |
|-----------------------------|--|
| Full Name                   | California.gov   |
| Description                 | California.gov - California government official website. |
| Reference                   | http://ca.gov  |
| Global ID                   | L7:733   |
| ID                          | 1663   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic  |

## **CALL-OF-DUTY**

| Name/CLI Keyword     | call-of-duty   |
|----------------------|--|
| Full Name            | Call of Duty   |
| Description          | Call of Duty is a first-person and third-person shooter video game series franchise. The series began on the PC, and later expanded to consoles and handhelds. The Call of Duty games are published and owned by Activision. Users can play together online. |
| Reference            | http://www.callofduty.com/   |
| Global ID            | L4:20500   |
| ID                   | 1377   |
| Known Mappings       |  |
| UDP Port             | 20500  |
| TCP Port             | 20500,20510,28960  |
| IP Protocol          | -  |
| IP Version           |  |
| IPv4 Support         | Yes  |
| IPv6 Support         | Yes  |
| Application Group    | other  |
| Category             | other  |
| Sub Category         | other  |
| P2P Technology       | No   |
| Encrypted            | No   |
| Tunnel               | No   |
| Underlying Protocols | -  |

### **CAPITAL-ONE**

| Name/CLI Keyword            | capital-one                                    |
|-----------------------------|--|
| Full Name                   | Capital One                                    |
| Description                 | Capital One - U.S. based bank holding company. |
| Reference                   | http://capitalone.com                          |
| Global ID                   | L7:690   |
| ID                          | 1620   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353                                 |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing                                       |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                              |

# **CAPWAP-CONTROL**

| Name/CLI Keyword            | capwap-control  |
|-----------------------------|---|
| Full Name                   | Control And Provisioning of Wireless Access Points Control Protocol   |
| Description                 | Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP control represents the control traffic passed from the WTP to AC or vice versa. |
| Reference                   | http://tools.ietf.org/html/rfc5415  |
| Global ID                   | L4:5246   |
| ID                          | 1221  |
| Known Mappings              |   |
| UDP Port                    | 5246  |
| TCP Port                    |   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | capwap-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | net-admin   |
| Sub Category                | control-and-signaling   |
| P2P Technology              | No  |
| Encrypted                   | Yes   |
| Traffic-class               | network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | Yes   |
| <b>Underlying Protocols</b> | -   |

### **CAPWAP-DATA**

| Name/CLI Keyword            | capwap-data   |  |
|-----------------------------|---|--|
| Full Name                   | Control And Provisioning of Wireless Access Points Data Protocol  |  |
| Description                 | Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP data represents the data traffic passed from the WTP to AC or vice versa. |  |
| Reference                   | http://tools.ietf.org/html/rfc5415  |  |
| Global ID                   | L4:5247   |  |
| ID                          | 1325  |  |
| Known Mappings              |   |  |
| UDP Port                    | 5246,5247   |  |
| TCP Port                    |   |  |
| IP Protocol                 | -   |  |
| IP Version                  | IP Version  |  |
| IPv4 Support                | Yes   |  |
| IPv6 Support                | Yes   |  |
| Application Group           | capwap-group  |  |
| <b>Business Relevance</b>   | default   |  |
| Category                    | layer3-over-ip  |  |
| Sub Category                | tunneling-protocols   |  |
| P2P Technology              | No  |  |
| Encrypted                   | Yes   |  |
| Traffic-class               | bulk-data   |  |
| Tunnel                      | Yes   |  |
| <b>Underlying Protocols</b> | capwap-control  |  |

### **CASSANDRA**

| Name/CLI Keyword            | cassandra  |
|-----------------------------|--|
| Full Name                   | Cassandra  |
| Description                 | Apache Cassandra is an open source distributed database management system designed to handle large amounts of data across many commodity servers, providing high availability with no single point of failure. |
| Reference                   | https://www.cassandradb.org/   |
| Global ID                   | L4:27018   |
| ID                          | 1768   |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant.   |
| Category                    | database   |
| Sub Category                | enterprise-transactional-apps  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | transactional-data   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

# **CBS**

| Name/CLI Keyword            | cbs                     |
|-----------------------------|-------------------------|
| Full Name                   | CBS                     |
| Description                 | CBS - CBS news website. |
| Reference                   | http://cbs.com          |
| Global ID                   | L7:755                  |
| ID                          | 1685                    |
| Known Mappings              |                         |
| UDP Port                    | 53,5353                 |
| TCP Port                    | 53,80,443,5353          |
| IP Protocol                 | -                       |
| IP Version                  |                         |
| IPv4 Support                | Yes                     |
| IPv6 Support                | Yes                     |
| Application Group           | other                   |
| Category                    | browsing                |
| Sub Category                | other                   |
| P2P Technology              | No                      |
| Encrypted                   | No                      |
| Tunnel                      | No                      |
| <b>Underlying Protocols</b> | ssl,http,dns,quic       |

### **CBS-SPORTS**

| Name/CLI Keyword            | cbs-sports                        |
|-----------------------------|-----------------------------------|
| Full Name                   | CBS Sports                        |
| Description                 | CBS Sports - Sports news website. |
| Reference                   | http://cbssports.com              |
| Global ID                   | L7:749                            |
| ID                          | 1679                              |
| Known Mappings              |                                   |
| UDP Port                    | 53,5353                           |
| TCP Port                    | 53,80,443,5353                    |
| IP Protocol                 | -                                 |
| IP Version                  |                                   |
| IPv4 Support                | Yes                               |
| IPv6 Support                | Yes                               |
| Application Group           | other                             |
| Category                    | browsing                          |
| Sub Category                | other                             |
| P2P Technology              | No                                |
| Encrypted                   | No                                |
| Tunnel                      | No                                |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                 |

# **CBT**

| Name/CLI Keyword          | cbt   |
|---------------------------|---|
| Full Name                 | Core-Based Trees  |
| Description               | The Core-Based Trees protocol (CBT) is designed to build and maintain a shared multicast distribution tree that spans only those networks and links leading to interested receivers. CBT builds a shared multicast distribution tree per group, and is suited for inter- and intra-domain multicast routing. CBT may use a separate multicast routing table, or it may use that of an underlying unicast routing table, to establish paths between senders and receivers. |
| Reference                 | http://www.ietf.org/rfc/rfc2189.txt   |
| Global ID                 | L3:7  |
| ID                        | 762   |
| Known Mappings            |   |
| UDP Port                  | -   |
| TCP Port                  | -   |
| IP Protocol               | 7   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | layer3-over-ip  |
| Sub Category              | other   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                    | No  |

| <b>Underlying Protocols</b> | - |
|-----------------------------|---|
|                             |   |

# CDC

| Name/CLI Keyword            | cdc   |
|-----------------------------|---|
| Full Name                   | Certificate Distribution Center   |
| Description                 | Registered with IANA on port 223 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:223  |
| ID                          | 1120  |
| Known Mappings              |   |
| UDP Port                    | 223   |
| TCP Port                    | 223   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | authentication-services   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CDDBP-ALT**

| Name/CLI Keyword            | cddbp-alt  |
|-----------------------------|--|
| Full Name                   | Compact Disc DataBase Protocol   |
| Description                 | Compact Disc Database (CDDB) is a database for software applications to look up audio CD (compact disc) information over the Internet. This is performed by a client which calculates a (nearly) unique disc ID and then queries the database. As a result, the client is able to display the artist name, CD title, track list and some additional information. |
| Reference                   | http://ftp.freedb.org/pub/freedb/latest/CDDBPROTO  |
| Global ID                   | L4:8880  |
| ID                          | 1378   |
| Known Mappings              |  |
| UDP Port                    | 8880   |
| TCP Port                    | 8880   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | other  |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

### **CFDPTKT**

| Name/CLI Keyword          | cfdptkt  |
|---------------------------|--|
| Full Name                 | Coherent File Distribution Protocol  |
| Description               | The Coherent File Distribution Protocol (CFDP) has been designed to speed up one-to-many file transfer operations that exhibit traffic coherence on media with broadcast capability. Examples of such coherent file transfers are identical diskless workstations booting simultaneously, software upgrades being distributed to more than one machines at a site, a certain "object" (bitmap, graph, plain text, etc.) that is being discussed in a real-time electronic conference or class being sent to all participants, and so on. A CFDP client that wants to receive a file first contacts a server to acquire a "ticket" for the file in question. This server could be a suitably modified BOOTP server, the equivalent of the tftpd daemon, etc. The server responds with a 32-bit ticket that will be used in the actual file transfers. |
| Reference                 | http://tools.ietf.org/html/rfc1235   |
| Global ID                 | L4:120   |
| ID                        | 989  |
| Known Mappings            |  |
| UDP Port                  | 120  |
| TCP Port                  | 120  |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | other  |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | other  |
| Sub Category              | other  |
| P2P Technology            | No   |
| Encrypted                 | No   |

| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only. |
|-----------------------------|---|
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CFTP**

| Name/CLI Keyword            | cftp  |
|-----------------------------|---|
| Full Name                   | cFTP  |
| Description                 | Clients-Oriented File Transfer Protocol (cFTP) is a client-oriented PHP-based file transfer protocol that allows the user to create a repository to send/receive files with multiple clients. The user can create multiple clients accounts with a very easy to use front end, and upload an unlimited number of files under each account, with the ability to add a title and description to each one. |
| Reference                   | http://blog.dreamcss.com/dev-tools/cftp-clients-oriented-file-transfer-protocol-ftp/  |
| Global ID                   | L3:62   |
| ID                          | 816   |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 62  |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | layer3-over-ip  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CHAOS**

| Name/CLI Keyword            | chaos  |
|-----------------------------|--|
| Full Name                   | CHAOSNet   |
| Description                 | CHAOSNet is one of the earliest local area network hardware implementations. The Chaosnet protocol implementation was over CATV coaxial cable modeled on the early Xerox PARC 3 megabit/second Ethernet, over ARPANET, and over Transmission Control Protocol (TCP). |
| Reference                   | http://en.wikipedia.org/wiki/CHAOSnet  |
| Global ID                   | L3:16  |
| ID                          | 771  |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 16   |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | layer3-over-ip   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

### **CHARGEN**

| Name/CLI Keyword            | chargen  |
|-----------------------------|--|
| Full Name                   | Character Generator  |
| Description                 | The Character Generator Protocol (CHARGEN) is a service of the Internet Protocol Suite. It is intended for testing, debugging, and measurement purposes. |
| Reference                   | http://www.ietf.org/rfc/rfc864.txt   |
| Global ID                   | L4:19  |
| ID                          | 104  |
| Known Mappings              |  |
| UDP Port                    | 19   |
| TCP Port                    | 19   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | net-admin  |
| Sub Category                | network-management   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

### **CHASE-BANK**

| Name/CLI Keyword            | chase-bank                                       |
|-----------------------------|--|
| Full Name                   | Chase  |
| Description                 | Chase - Consumer and commercial banking company. |
| Reference                   | http://chase.com                                 |
| Global ID                   | L7:635   |
| ID                          | 1564   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353                                   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                |

# **CHECKPOINT-CPMI**

| Name/CLI Keyword            | checkpoint-cpmi   |
|-----------------------------|---|
| Full Name                   | Checkpoint CPMI   |
| Description                 | Check Point Management Interface (CPMI) is a proprietary protocol of Check Point Software Technologies. CPMI provides security services for their VPN-1 virtual private network/firewall software. The protocol contributes to Check Point Software's Open Platform for Security (OPSEC), which is a framework for network security. Typically CPMI uses TCP port 18190 as default. |
| Reference                   | http://read.pudn.com/downloads142/doc/614417/CPMI.pdf   |
| Global ID                   | L4:18190  |
| ID                          | 1332  |
| Known Mappings              |   |
| UDP Port                    |   |
| TCP Port                    | 18190   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default   |
| Category                    | layer3-over-ip  |
| Sub Category                | tunneling-protocols   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | tcp,udp   |

### **CHSHELL**

| Name/CLI Keyword            | chshell   |
|-----------------------------|---|
| Full Name                   | Chshell   |
| Description                 | Registered with IANA on port 562 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:562  |
| ID                          | 477   |
| Known Mappings              |   |
| UDP Port                    | 562   |
| TCP Port                    | 562   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | remote-access-terminal  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CIFS**

| Name/CLI Keyword          | cifs   |
|---------------------------|--|
| Full Name                 | Common Internet File System  |
| Description               | Common Internet File System (CIFS) is a standard protocol that allows users to share files across intranets and the internet. It is cross platform since it works in Windows OS and is also supported in MAC OS and Linux OS. CIFS protocol defines a remote file system protocol. It is implemented over TCP/IP and utilizes the DNS for scalability and is using Microsoft NetBIOS protocol. The protocols origin is from Microsofts SMB protocol group. |
| Reference                 | http://technet.microsoft.com/en-us/library/cc939973.aspx   |
| Global ID                 | L7:80  |
| ID                        | 80   |
| Known Mappings            |  |
| UDP Port                  | -  |
| TCP Port                  | 139,445  |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | other  |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | file-sharing   |
| Sub Category              | client-server  |
| P2P Technology            | No   |
| Encrypted                 | No   |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                    | No   |

| <b>Underlying Protocols</b> | - |
|-----------------------------|---|
|                             |   |

#### **CIMPLEX**

| Name/CLI Keyword            | cimplex   |
|-----------------------------|---|
| Full Name                   | CIMPLEX   |
| Description                 | Registered with IANA on port 673 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:673  |
| ID                          | 581   |
| Known Mappings              |   |
| UDP Port                    | 673   |
| TCP Port                    | 673   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CISCO-COLLAB-AUDIO**

| Name/CLI Keyword            | cisco-collab-audio  |
|-----------------------------|---|
| Full Name                   | Cisco Collaboration Audio   |
| Description                 | Cisco Collaboration Voice by various Cisco Unified Communication clients. |
| Reference                   | http://ciscospark.com   |
| Global ID                   | L7:815  |
| ID                          | 815   |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | webex-group   |
| <b>Business Relevance</b>   | business-relevant   |
| Category                    | voice-and-video   |
| Sub Category                | enterprise-voice-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | voip-telephony  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## CISCO-COLLAB-CONTROL

| Name/CLI Keyword            | cisco-collab-control  |
|-----------------------------|---|
| Full Name                   | Cisco Collaboration Control   |
| Description                 | Cisco Collaboration Voice by various Cisco unified communication clients. |
| Reference                   | http://ciscospark.com   |
| Global ID                   | L7:1764   |
| ID                          | 1764  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-phone-group   |
| <b>Business Relevance</b>   | business-relevant   |
| Category                    | voice-and-video   |
| Sub Category                | control-and-signaling   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | signaling   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CISCO-COLLABORATION**

| Name/CLI Keyword            | cisco-collaboration  |
|-----------------------------|--|
| Full Name                   | Cisco Collaboration Media  |
| Description                 | Cisco Collaboration Media - Voice, video, and desktop sharing by various Cisco Unified Communications clients. |
| Reference                   | http://ciscospark.com  |
| Global ID                   | L7:811   |
| ID                          | 1740   |
| Known Mappings              |  |
| UDP Port                    | 53,69,3478,5353  |
| TCP Port                    | 53,80,443,3478,5353  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | webex-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-media-conferencing  |
| P2P Technology              | No   |
| Encrypted                   | Yes  |
| Traffic-class               | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | http,ssl,stun-nat  |

## **CISCO-COLLAB-VIDEO**

| Name/CLI Keyword            | cisco-collab-video   |
|-----------------------------|--|
| Full Name                   | Cisco Collaboration Video  |
| Description                 | Cisco Collaboration Video by various Cisco Unified Communication clients |
| Reference                   | http://ciscospark.com  |
| Global ID                   | L7:1762  |
| ID                          | 815  |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | webex-group  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-media-conferencing  |
| P2P Technology              | No   |
| Encrypted                   | Yes  |
| Traffic-class               | multimedia-conferencing  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

## **CISCO-FNA**

| Name/CLI Keyword            | cisco-fna   |
|-----------------------------|---|
| Full Name                   | Cisco FNATIVE   |
| Description                 | Cisco FNATIVE, Registered with IANA on port 130 TCP/UDP                                   |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID                   | L4:130  |
| ID                          | 999   |
| Known Mappings              |   |
| UDP Port                    | 130   |
| TCP Port                    | 130   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| Category                    | net-admin   |
| Sub Category                | network-protocol  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CISCO-IP-CAMERA**

| Name/CLI Keyword            | cisco-ip-camera   |
|-----------------------------|---|
| Full Name                   | Cisco IP Camera   |
| Description                 | The Cisco Video Surveillance Solution relies on an IP network infrastructure to link all components. The designs of a highly available hierarchical network have been proven and tested for many years and allow applications to converge on an intelligent and resilient infrastructure. |
| Reference                   | http://www.cisco.com/en/US/products/ps6712/index.html   |
| Global ID                   | L7:456  |
| ID                          | 1315  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | 554,8554  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | voice-and-video   |
| Sub Category                | streaming   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | broadcast-video. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | rtsp  |

## **CISCO-JABBER-AUDIO**

| Name/CLI Keyword            | cisco-jabber-audio  |
|-----------------------------|---|
| Full Name                   | Cisco Jabber Audio  |
| Description                 | Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the audio calls part of Cisco Jabber. |
| Reference                   | http://www.cisco.com/web/products/voice/jabber.html   |
| Global ID                   | L7:558  |
| ID                          | 1494  |
| Known Mappings              |   |
| UDP Port                    | 143,220, 5060   |
| TCP Port                    | 143,220,5060  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-jabber-group  |
| Category                    | voice-and-video   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Sub Category                | voice-video-chat-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | Yes   |
| Traffic-class               | voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | imap,rtp,sip,cisco-jabber-control   |

## **CISCO-JABBER-CONTROL**

| Nama/CLIVa                  | aigaa jahhar aantral  |
|-----------------------------|---|
| Name/CLI Keyword            | cisco-jabber-control  |
| Full Name                   | Cisco Jabber Control  |
| Description                 | Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the control and signaling part of Cisco Jabber. |
| Reference                   | http://www.cisco.com/web/products/voice/jabber.html   |
| Global ID                   | L7:556  |
| ID                          | 1498  |
| Known Mappings              |   |
| UDP Port                    | 53,5060,5353  |
| TCP Port                    | 53,80,443,5060,5353   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-jabber-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | voice-and-video   |
| Sub Category                | control-and-signaling   |
| P2P Technology              | No  |
| Encrypted                   | Yes   |
| Traffic-class               | signaling. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | rtcp,sip,ssl,http,dns,quic  |

#### **CISCO-JABBER-IM**

| Name/CLI Keyword            | cisco-jabber-im  |
|-----------------------------|--|
| Full Name                   | Cisco Jabber IM  |
| Description                 | Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the Text Messaging part of Cisco Jabber. |
| Reference                   | http://www.cisco.com/web/products/voice/jabber.html  |
| Global ID                   | L7:557   |
| ID                          | 1493   |
| Known Mappings              |  |
| UDP Port                    | 53,5222,5353   |
| TCP Port                    | 53,80,443,5222,5353  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | cisco-jabber-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | instant-messaging  |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | Yes  |
| Traffic-class               | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,xmpp-client,http,dns,quic  |

# **CISCO-JABBER-VIDEO**

| Name/CLI Keyword            | cisco-jabber-video  |
|-----------------------------|---|
| Full Name                   | Cisco Jabber Video  |
| Description                 | Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the video calls part of Cisco Jabber. |
| Reference                   | http://www.cisco.com/web/products/voice/jabber.html   |
| Global ID                   | L7:561  |
| ID                          | 1495  |
| Known Mappings              |   |
| UDP Port                    | 5060  |
| TCP Port                    | 5060  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-jabber-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | voice-and-video   |
| Sub Category                | voice-video-chat-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | rtp,sip,cisco-jabber-control  |

## **CISCO-MEDIA-AUDIO**

| Name/CLI Keyword            | cisco-media-audio  |
|-----------------------------|--|
| Full Name                   | Cisco Media Audio  |
| Description                 | Cisco-media is used mainly in corporations and can be used on or off site. |
| Reference                   | -  |
| Global ID                   | L7:1746  |
| ID                          | 1746   |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | cisco-phone-group  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-voice-collaboration   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | voip-telephony   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | rtp-audio,cisco-jabber-control   |

## **CISCO-MEDIA-VIDEO**

| Name/CLI Keyword            | cisco-media-video  |
|-----------------------------|--|
| Full Name                   | Cisco Media Video  |
| Description                 | Cisco-media is used mainly in corporations and can be used on or off site. |
| Reference                   | -  |
| Global ID                   | L7:1747  |
| ID                          | 1747   |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | cisco-phone-group  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-voice-collaboration   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | voip-telephony   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | rtp-video  |

# **CISCO-NAC**

| Name/CLI Keyword            | cisco-nac   |
|-----------------------------|---|
| Full Name                   | Cisco NAC   |
| Description                 | Cisco Network Admission Control (NAC) is a system that provides integrated network security solutions. It offers authentication and authorization of wired, wireless, and VPN users and devices (access control), end-point security policies, simple guest access control, audition and information logging of network activity. Typically NAC uses UDP ports 8905 and 8906. |
| Reference                   | http://www.cisco.com/go/nac   |
| Global ID                   | L4:8905   |
| ID                          | 1334  |
| Known Mappings              | 1   |
| UDP Port                    | 8905,8906   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | business-and-productivity-tools   |
| Sub Category                | internet-privacy  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

CISCO-NAC

#### **CISCO-PHONE**

| Name/CLI Keyword            | cisco-phone   |
|-----------------------------|---|
| Full Name                   | Cisco Phone   |
| Description                 | Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site.                        |
| Reference                   | http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html |
| Global ID                   | L7:81   |
| ID                          | 81  |
| Known Mappings              |   |
| UDP Port                    | 5060  |
| TCP Port                    | 2000,2001,2002,5060   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-phone-group   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | voice-and-video   |
| Sub Category                | voice-video-chat-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | multimedia-conferencing.  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | ssl,stun-nat,sip,skinny   |

## **CISCO-PHONE-AUDIO**

| Name/CLI Keyword          | cisco-phone-audio   |
|---------------------------|---|
| Full Name                 | Cisco Phone Audio   |
| Description               | Cisco IP Phones and PC-based Unified Communicators. Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Audio is the audio part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP. |
| Reference                 | http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html   |
| Global ID                 | L7:612  |
| ID                        | 1549  |
| Known Mappings            |   |
| UDP Port                  | 2000,2001,2002,5060   |
| TCP Port                  | 5060  |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | cisco-phone-group   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | Voice and Video   |
| Sub Category              | enterprise-voice-collaboration  |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                    | No  |

| Underlying Protocols s | skinny,rtp,sip,cisco-phone |
|------------------------|----------------------------|
|------------------------|----------------------------|

## **CISCO-PHONE-CONTROL**

| Name/CLI Keyword          | cisco-phone-control   |
|---------------------------|---|
| Full Name                 | Cisco Phone Control   |
| Description               | Control flow of Cisco-IP-phone.   |
| Reference                 | http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html |
| Global ID                 | L7:1763   |
| ID                        | 1763  |
| Known Mappings            |   |
| UDP Port                  | 5060  |
| TCP Port                  | 2000,2001,2002,5060   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | cisco-phone-group   |
| <b>Business Relevance</b> | business-relevant.  |
| Category                  | voice-and-video   |
| Sub Category              | control-and-signaling   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | signaling   |
| Tunnel                    | No  |
| Underlying Protocols      | skinny,rtp,sip  |

#### **CISCO-PHONE-MEDIA**

| Name/CLI Keyword            | cisco-phone-media   |
|-----------------------------|---|
| Full Name                   | Cisco Phone Media   |
| Description                 | Cisco-media is used mainly in corporations and can be used on- or off-site. |
| Reference                   |   |
| Global ID                   | L7:1745   |
| ID                          | 1745  |
| Known Mappings              |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | cisco-phone-group   |
| <b>Business Relevance</b>   | business-relevant.  |
| Category                    | voice-and-video   |
| Sub Category                | enterprise-voice-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | multimedia-conferencing   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

## **CISCO-PHONE-VIDEO**

| Name/CLI Keyword          | cisco-phone-video   |
|---------------------------|---|
| Full Name                 | Cisco Phone Video   |
| Description               | Cisco IP Phones and PC-based Unified Communicators. Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Video is the video part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP. |
| Reference                 | http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html   |
| Global ID                 | L7:613  |
| ID                        | 1552  |
| Known Mappings            |   |
| UDP Port                  | 2000,2001,2002,5060   |
| TCP Port                  | 5060  |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | cisco-phone-group   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | voice-and-video   |
| Sub Category              | enterprise-media-conferencing   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | multimedia-conferencing.  |
| Tunnel                    | No  |

| <b>Underlying Protocols</b> | skinny,rtp,sip,cisco-phone,cisco-phone-audio |
|-----------------------------|--|
|-----------------------------|--|

## **CISCO-RTMT**

| Name/CLI Keyword            | cisco-rtmt   |
|-----------------------------|--|
| Full Name                   | Cisco RTMT   |
| Description                 | Cisco Unified Real-Time Monitoring Tool  |
| Reference                   | http://www.cisco.com/c/en/us/support/unified-communications/<br>unified-communications-manager-callmanager/<br>products-maintenance-guides-list.html |
| Global ID                   | L7:1060  |
| ID                          | 1060   |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | 1090   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | cisco-phone-group  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | net-admin  |
| Sub Category                | network-management   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | ops-admin-mgmt   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

#### **CISCO-SPARK**

| Name/CLI Keyword            | cisco-spark  |
|-----------------------------|--|
| Full Name                   | Cisco Spark  |
| Description                 | Cisco Spark - Unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing. |
| Reference                   | http://ciscospark.com  |
| Global ID                   | L7:809   |
| ID                          | 1741   |
| Known Mappings              |  |
| UDP Port                    | 53,5353,33434  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | webex-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-media-conferencing  |
| P2P Technology              | No   |
| Encrypted                   | Yes  |
| Traffic-class               | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | http,ssl,dns,quic  |

#### **CISCO-SPARK-AUDIO**

| Name/CLI Keyword            | cisco-spark-audio   |
|-----------------------------|---|
| Full Name                   | Cisco Spark Audio   |
| Description                 | Cisco Spark Audio - Audio of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing |
| Reference                   | http://ciscospark.com   |
| Global ID                   | L7:1050   |
| ID                          | 1050  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant.  |
| Category                    | voice-and-video   |
| Sub Category                | enterprise-media-conferencing   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | voip-telephony  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | rtp-audio   |

#### **CISCO-SPARK-MEDIA**

| Name/CLI Keyword            | cisco-spark-media  |
|-----------------------------|--|
| Full Name                   | Cisco Spark Media  |
| Description                 | Cisco Spark Media - Media of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing. |
| Reference                   | http://ciscospark.com  |
| Global ID                   | L7:1051  |
| ID                          | 1051   |
| Known Mappings              |  |
| UDP Port                    | 33434  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-voice-collaboration   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | multimedia-conferencing  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

#### **CISCO-SPARK-VIDEO**

| Name/CLI Keyword            | cisco-spark-video   |
|-----------------------------|---|
| Full Name                   | Cisco Spark Video   |
| Description                 | Cisco Spark Video - Video of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing. |
| Reference                   | http://ciscospark.com   |
| Global ID                   | L7:1048   |
| ID                          | 1048  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant   |
| Category                    | voice-and-video   |
| Sub Category                | enterprise-voice-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | multimedia-conferencing   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | rtp-video   |

#### **CISCO-SYS**

| Name/CLI Keyword            | cisco-sys   |
|-----------------------------|---|
| Full Name                   | Cisco SYSMAINT  |
| Description                 | Cisco SYSMAINT, Registered with IANA on port 132 TCP/UDP                                  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID                   | L4:132  |
| ID                          | 1161  |
| Known Mappings              |   |
| UDP Port                    | 132   |
| TCP Port                    | 132   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                         |
| Category                    | net-admin   |
| Sub Category                | network-protocol  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                 |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CISCO-TDP**

| Name/CLI Keyword            | cisco-tdp  |
|-----------------------------|--|
| Full Name                   | Tag Distribution Protocol  |
| Description                 | Tag Distribution Protocol (TDP) is a two party protocol that runs over a connection oriented transport layer with guaranteed sequential delivery. Tag Switching Routers use TDP to communicate tag binding information to their peers. TDP supports multiple network layer protocols including but not limited to IPv4, IPv6, IPX and AppleTalk. |
| Reference                   | http://tools.ietf.org/id/draft-doolan-tdp-spec-00  |
| Global ID                   | L4:711   |
| ID                          | 614  |
| Known Mappings              |  |
| UDP Port                    | 711  |
| TCP Port                    | 711  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | net-admin  |
| Sub Category                | routing-protocol   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

## **CISCO-TNA**

| Name/CLI Keyword            | cisco-tna   |
|-----------------------------|---|
| Full Name                   | Cisco TNATIVE   |
| Description                 | Cisco TNATIVE, registered with IANA on port 131 TCP/UDP                                       |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:131  |
| ID                          | 1160  |
| Known Mappings              |   |
| UDP Port                    | 131   |
| TCP Port                    | 131   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | network-protocol  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

#### **CITI-BANK**

| Name/CLI Keyword            | citi-bank                          |  |
|-----------------------------|------------------------------------|--|
| -                           |                                    |  |
| Full Name                   | Citi                               |  |
| Description                 | Citi - Financial services company. |  |
| Reference                   | http://citibank.com                |  |
| Global ID                   | L7:706                             |  |
| ID                          | 1636                               |  |
| Known Mappings              | Known Mappings                     |  |
| UDP Port                    | 53,5353                            |  |
| TCP Port                    | 53,80,443,5353                     |  |
| IP Protocol                 | -                                  |  |
| IP Version                  |                                    |  |
| IPv4 Support                | Yes                                |  |
| IPv6 Support                | Yes                                |  |
| Application Group           | other                              |  |
| Category                    | browsing                           |  |
| Sub Category                | other                              |  |
| P2P Technology              | No                                 |  |
| Encrypted                   | No                                 |  |
| Tunnel                      | No                                 |  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                  |  |

#### **CITRIX**

| Name/CLI Keyword          | citrix  |
|---------------------------|---|
| Full Name                 | Citrix  |
| Description               | Citrix is an application that mediates users remotely to their corporate applications. ICA: Independed Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers.CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol.As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS.IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection. |
| Reference                 | http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf  |
| Global ID                 | L7:56   |
| ID                        | 56  |
| Known Mappings            |   |
| UDP Port                  | 53,5353   |
| TCP Port                  | 53,80,1494,2598,5353  |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | business-and-productivity-tools   |
| Sub Category              | remote-access-terminal  |
| P2P Technology            | No  |
| Encrypted                 | Yes   |
| Traffic-class             | multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |

| Tunnel                      | No            |
|-----------------------------|---------------|
| <b>Underlying Protocols</b> | http,dns,quic |

#### **CITRIX-AUDIO**

| Name/CLI Keyword            | citrix-audio   |  |
|-----------------------------|--|--|
| Full Name                   | Citrix Audio Traffic   |  |
| Description                 | Citrix-Audio refers to all audio traffic in Citrix multistream configuration.      |  |
| Reference                   | http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf |  |
| Global ID                   | L7:609   |  |
| ID                          | 1549   |  |
| Known Mappings              | Known Mappings   |  |
| UDP Port                    | -  |  |
| TCP Port                    | 1494,2598  |  |
| IP Protocol                 | -  |  |
| IP Version                  |  |  |
| IPv4 Support                | Yes  |  |
| IPv6 Support                | Yes  |  |
| Application Group           | Other  |  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                  |  |
| Category                    | business-and-productivity-tools  |  |
| Sub Category                | desktop-virtualization,  |  |
| P2P Technology              | No   |  |
| Encrypted                   | Yes  |  |
| Traffic-class               | voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                     |  |
| Tunnel                      | No   |  |
| <b>Underlying Protocols</b> | citrix   |  |

## **CITRIX-STATIC**

| Name/CLI Keyword          | citrix-static  |
|---------------------------|--|
| Full Name                 | Citrix Static  |
| Description               | Citrix is an application that mediates users remotely to their corporate applications. ICA: Independed Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers.CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol.As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS.IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection |
| Reference                 | http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf   |
| Global ID                 | L4:1604  |
| ID                        | 1433   |
| Known Mappings            |  |
| UDP Port                  | 1604,2512,2513   |
| TCP Port                  | 1494,1604,2512,2513,2598   |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | other  |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | business-and-productivity-tools  |
| Sub Category              | remote-access-terminal   |
| P2P Technology            | No   |
| Encrypted                 | No   |
| Traffic-class             | multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |

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

### **CLEARCASE**

| Name/CLI Keyword            | clearcase  |
|-----------------------------|--|
| Full Name                   | Rational ClearCase   |
| Description                 | Rational ClearCase is a software configuration management system that provides version control, workspace management, parallel development support and build auditing. |
| Reference                   | http://www-01.ibm.com/software/awdtools/clearcase/   |
| Global ID                   | L4:371   |
| ID                          | 91   |
| Known Mappings              |  |
| UDP Port                    | 111,371,2049   |
| TCP Port                    | 111,371,2049   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | business-and-productivity-tools  |
| Sub Category                | database   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | sunrpc   |

## **CLICKBANK**

| Name/CLI Keyword            | clickbank  |
|-----------------------------|--|
| Full Name                   | ClickBank  |
| Description                 | ClickBank - Online marketplace for Digital products. |
| Reference                   | http://clickbank.com                                 |
| Global ID                   | L7:642   |
| ID                          | 1571   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353                                       |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                    |

## **CLOANTO-NET-1**

| Name/CLI Keyword            | cloanto-net-1   |
|-----------------------------|---|
| Full Name                   | Cloanto Net 1   |
| Description                 | Cloanto is a service developed by the Cloanto Corporation for use in the company's software components for electronic marketing, publishing, commerce and internationalization. |
| Reference                   | http://www.cloanto.com/   |
| Global ID                   | L4:356  |
| ID                          | 272   |
| Known Mappings              |   |
| UDP Port                    | 356   |
| TCP Port                    | 356   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | net-admin   |
| Sub Category                | license-manager   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CMIP-AGENT**

| Name/CLI Keyword          | cmip-agent  |
|---------------------------|---|
| Full Name                 | CMIP/TCP Agent  |
| Description               | The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations. |
| Reference                 | http://en.wikipedia.org/wiki/Common_Management_Information_Protocol   |
| Global ID                 | L4:164  |
| ID                        | 1009  |
| Known Mappings            |   |
| UDP Port                  | 164   |
| TCP Port                  | 164   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | net-admin   |
| Sub Category              | network-management  |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |

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

## **CMIP-MAN**

| Name/CLI Keyword          | cmip-man  |
|---------------------------|---|
| Full Name                 | CMIP/TCP Manager  |
| Description               | The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations. |
| Reference                 | http://en.wikipedia.org/wiki/Common_Management_Information_Protocol   |
| Global ID                 | L4:163  |
| ID                        | 1008  |
| Known Mappings            |   |
| UDP Port                  | 163   |
| TCP Port                  | 163   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | net-admin   |
| Sub Category              | network-management  |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |

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

## **CNBC**

| Name/CLI Keyword            | enbe  |
|-----------------------------|---|
| Full Name                   | CNBC  |
| Description                 | CNBC - Official website of CNBC channel for Business and Financial market news. |
| Reference                   | http://cnbc.com   |
| Global ID                   | L7:756  |
| ID                          | 1686  |
| Known Mappings              |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| Category                    | browsing  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic   |

### **CNET**

| Name/CLI Keyword            | cnet  |
|-----------------------------|---|
| Full Name                   | CNET  |
| Description                 | CNET - Tech and gadget related news, reviews, and shopping. |
| Reference                   | http://cnet.com   |
| Global ID                   | L7:645  |
| ID                          | 1574  |
| Known Mappings              | ,   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| Category                    | browsing  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic   |

## **COAUTHOR**

| Name/CLI Keyword            | coauthor  |
|-----------------------------|---|
| Full Name                   | Oracle coauthor   |
| Description                 | Registered with IANA on port 1529 TCP/UDP   |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:1529   |
| ID                          | 693   |
| Known Mappings              |   |
| UDP Port                    | 1529  |
| TCP Port                    | 1529  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | sqlsvr-group  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | business-and-productivity-tools   |
| Sub Category                | database  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                            |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CODAAUTH2**

| Name/CLI Keyword            | codaauth2   |
|-----------------------------|---|
| Full Name                   | Coda authentication server  |
| Description                 | Coda Authentication Server represents the authentication procedure, as part of Coda, a distributed file system. |
| Reference                   | http://www.coda.cs.cmu.edu/   |
| Global ID                   | L4:370  |
| ID                          | 286   |
| Known Mappings              |   |
| UDP Port                    | 370   |
| TCP Port                    | 370   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | net-admin   |
| Sub Category                | authentication-services   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **COLLABORATOR**

| Name/CLI Keyword            | collaborator  |
|-----------------------------|---|
| Full Name                   | Collaborator  |
| Description                 | Registered with IANA on port 622 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:622  |
| ID                          | 531   |
| Known Mappings              |   |
| UDP Port                    | 622   |
| TCP Port                    | 622   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **COMMERCE**

| Name/CLI Keyword          | commerce  |
|---------------------------|---|
| Full Name                 | Commerce  |
| Description               | Registered with IANA on port 542 TCP/UDP  |
| Reference                 | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                 | L4:542  |
| ID                        | 460   |
| Known Mappings            |   |
| UDP Port                  | 542   |
| TCP Port                  | 542   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                  | other   |
| Sub Category              | other   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                    | No  |
| Underlying Protocols      | -   |

## **COMPAQ-PEER**

| Name/CLI Keyword            | compaq-peer   |
|-----------------------------|---|
| Full Name                   | Compaq-Peer Protocol  |
| Description                 | Compaq-Peer Protocol is a specific proprietary protocol used by HP to set up peer-to-peer networks within a network infrastructure. |
| Reference                   | http://www.compaq.com/info/SP5108/SP5108PF.PDF  |
| Global ID                   | L3:110  |
| ID                          | 864   |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 110   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | layer3-over-ip  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |
|                             |   |

## **COMPRESSNET**

| Name/CLI Keyword            | compressnet   |
|-----------------------------|---|
| Full Name                   | Management Utility  |
| Description                 | Registered with IANA on port 2 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:2  |
| ID                          | 900   |
| Known Mappings              |   |
| UDP Port                    | 2   |
| TCP Port                    | 2   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | network-management  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-management. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                          |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **COMSCM**

| Name/CLI Keyword            | comscm  |
|-----------------------------|---|
| Full Name                   | comscm  |
| Description                 | Registered with IANA on port 437 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:437  |
| ID                          | 352   |
| Known Mappings              |   |
| UDP Port                    | 437   |
| TCP Port                    | 437   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## CON

| Name/CLI Keyword          | con   |
|---------------------------|---|
| Full Name                 | con   |
| Description               | Registered with IANA on port 759 TCP/UDP  |
| Reference                 | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                 | L4:759  |
| ID                        | 631   |
| Known Mappings            |   |
| UDP Port                  | 759   |
| TCP Port                  | 759   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                  | other   |
| Sub Category              | other   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                    | No  |
| Underlying Protocols      | -   |

## **CONDUIT-COM**

| Name/CLI Keyword            | conduit-com   |
|-----------------------------|---|
| Full Name                   | Conduit   |
| Description                 | Conduit - Online website to create community toolbar. |
| Reference                   | http://conduit.com                                    |
| Global ID                   | L7:468  |
| ID                          | 260   |
| Known Mappings              |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| Category                    | browsing  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                     |

### **CONFERENCE**

| Name/CLI Keyword            | conference  |
|-----------------------------|---|
| Full Name                   | Chat  |
| Description                 | Registered with IANA on port 531 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:531  |
| ID                          | 449   |
| Known Mappings              |   |
| UDP Port                    | 531   |
| TCP Port                    | 531   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                           |
| Category                    | instant-messaging   |
| Sub Category                | voice-video-chat-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                            |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CONFERENCE-SERVER**

| Name/CLI Keyword            | conference-server  |
|-----------------------------|--|
| Full Name                   | Conferencing Server  |
| Description                 | Conferencing Server establishes communication between SIP users. |
| Reference                   | -  |
| Global ID                   | L7:1748  |
| ID                          | 1748   |
| Known Mappings              |  |
| UDP Port                    | 53,67,68,5060,5353   |
| TCP Port                    | 53,80,443,5060,5353  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | cisco-phone-group  |
| <b>Business Relevance</b>   | business-relevant  |
| Category                    | voice-and-video  |
| Sub Category                | enterprise-media-conferencing                                    |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | multimedia-conferencing  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | sip,ssl,dhcp,dns   |

## **CONNECTED-BACKUP**

| Name/CLI Keyword            | connected-backup  |
|-----------------------------|---|
| Full Name                   | Connected Backup  |
| Description                 | Connected-Backup ensures enterprise-proven, secure, and efficient data protection without disrupting users at work. |
| Reference                   | http://www.autonomy.com/products/connected-backup   |
| Global ID                   | L7:605  |
| ID                          | 1544  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CONNENDP**

| Name/CLI Keyword            | connendp  |
|-----------------------------|---|
| Full Name                   | Almanid Connection Endpoint   |
| Description                 | Almanid Connection Endpoint (connendp) is a common module that serves the Almanid IdentityProtector. IdentityProtector is a backup product for Novell Directory Services and Novell eDirectory. |
| Reference                   | http://www.almanid.com/en/products/identityprotector/index.html   |
| Global ID                   | L4:693  |
| ID                          | 601   |
| Known Mappings              |   |
| UDP Port                    | 693   |
| TCP Port                    | 693   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **CONSTANT-CONTACT-COM**

| Name/CLI Keyword            | constant-contact-com                         |
|-----------------------------|--|
| Full Name                   | Constant Contact                             |
| Description                 | Constant Contact - Online marketing service. |
| Reference                   | http://constantcontact.com                   |
| Global ID                   | L7:714                                       |
| ID                          | 1644   |
| Known Mappings              |  |
| UDP Port                    | 53,5353                                      |
| TCP Port                    | 53,80,443,5353                               |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing                                     |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                            |

## **CONSUMER-CLOUD-STORAGE**

| Name/CLI Keyword          | consumer-cloud-storage   |
|---------------------------|--|
| Full Name                 | Consumer Cloud Storage   |
| Description               | The Consumer Cloud Storage protocol gathers the leading websites on the internet that offer cloud storage services, mainly for media consumers, such as PutLocker, Rapidshare, box and more.   |
| Reference                 | http://www.rapidshare.com/, http://www.easyshare.com/, http://www.megashare.com/, http://ultrashare.net/, http://www.firefactory.com/, http://www.filefront.com/, http://www.massmirror.com/, http://www.filer.net/, http://www.upload.com/, http://www.download.com/, http://www.thepiratebay.org/, http://www.torrentz.com/, http://www.filestube.com/, http://www.4shared.com/, http://www.hotfile.com/, http://www.shares.net/, http://www.mediafire.com/, http://www.easynews.com/, http://www.box.com/, http://www.putlocker.com/, http://www.clouddrive.com |
| Global ID                 | L7:582   |
| ID                        | 1521   |
| Known Mappings            |  |
| UDP Port                  | 53,5353  |
| TCP Port                  | 53,80,443,5353   |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | No   |
| IPv6 Support              | No   |
| Application Group         | -  |
| <b>Business Relevance</b> | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | consumer-file-sharing  |
| Sub Category              | consumer-cloud-storage   |
| P2P Technology            | No   |
| Encrypted                 | Yes  |

| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only. |
|-----------------------------|---|
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | http,ssl,dns,quic   |

## **CONTENTSERVER**

| Name/CLI Keyword            | contentserver  |
|-----------------------------|--|
| Full Name                   | contentserver  |
| Description                 | ContentServer is a Frontier 6 application that allows members of a website team to contribute to a Frontier-managed site, even if they don't use Frontier. |
| Reference                   | http://contentserver.userland.com/   |
| Global ID                   | L4:3365  |
| ID                          | 369  |
| Known Mappings              |  |
| UDP Port                    | 3365   |
| TCP Port                    | 3365   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | other  |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

## **COOLTALK**

| Name/CLI Keyword          | cooltalk   |
|---------------------------|--|
| Full Name                 | Internet telephony tool  |
| Description               | An earlier set of data conferencing and telephony extensions for Netscape Navigator from Netscape. It included an Internet phone, chat window, whiteboard and application sharing. |
| Reference                 | http://besser.tsoa.nyu.edu/impact/f96/Reviews/djiang/  |
| Global ID                 | L4:6499  |
| ID                        | 1335   |
| Known Mappings            |  |
| UDP Port                  |  |
| TCP Port                  | 6499   |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | other  |
| <b>Business Relevance</b> | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | voice-and-video  |
| Sub Category              | voice-video-chat-collaboration   |
| P2P Technology            | No   |
| Encrypted                 | No   |
| Traffic-class             | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                    | No   |
| Underlying Protocols      | -  |

### **CORBA-IIOP**

| Name/CLI Keyword          | corba-iiop   |
|---------------------------|--|
| Full Name                 | CORBA Internet Inter-ORB Protocol  |
| Description               | The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. IIOP focuses on interoperability of distributed objects in heterogeneous environments. CORBA enables an application's components to communicate without regard for their locations on a network. A CORBA-compliant object is guaranteed to be able to communicate with other distributed objects because the technology defines a common interface. |
| Reference                 | http://cyberobject.com/co/whitepaper/Corba_IIOP.PDF  |
| Global ID                 | L4:683   |
| ID                        | 111  |
| Known Mappings            |  |
| UDP Port                  | 683  |
| TCP Port                  | 683  |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | corba-group  |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                  | business-and-productivity-tools  |
| Sub Category              | inter-process-rpc  |
| P2P Technology            | No   |
| Encrypted                 | No   |
| Traffic-class             | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |

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

## **CORBA-IIOP-SSL**

| Name/CLI Keyword          | corba-iiop-ssl   |
|---------------------------|--|
| Full Name                 | Secure CORBA Internet Inter-ORB Protocol   |
| Description               | The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. secure cobra-iiop is working over SSL protocol, register in IANA on port 684. |
| Reference                 | http://www.opengroup.org/infosrv/Brand/SPS_pdf/X01OB.pdf   |
| Global ID                 | L4:684   |
| ID                        | 592  |
| Known Mappings            |  |
| UDP Port                  | 684  |
| TCP Port                  | 684  |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | corba-group  |
| <b>Business Relevance</b> | business-relevant  |
| Category                  | inter-process-rpc  |
| Sub Category              | other  |
| P2P Technology            | No   |
| Encrypted                 | Yes  |
| Traffic-class             | bulk-data  |
| Tunnel                    | No   |

| <b>Underlying Protocols</b> | ssl |
|-----------------------------|-----|
|                             |     |

### **CORERJD**

| Name/CLI Keyword            | corerjd   |
|-----------------------------|---|
| Full Name                   | Corejrd   |
| Description                 | Registered with IANA on port 284 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:284  |
| ID                          | 1145  |
| Known Mappings              |   |
| UDP Port                    | 284   |
| TCP Port                    | 284   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

## **COUPONS-COM**

| Name/CLI Keyword            | coupons-com  |
|-----------------------------|--|
| Full Name                   | Coupons.com  |
| Description                 | Coupons.com - An online coupons and deals website. |
| Reference                   | http://coupons.com                                 |
| Global ID                   | L7:797   |
| ID                          | 1725   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353                                     |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                  |

# **COURIER**

| Name/CLI Keyword          | courier  |
|---------------------------|--|
| Full Name                 | Courier Mail Server  |
| Description               | Courier Mail Server is a mail transfer agent (MTA) server that provides ESMTP, IMAP, POP3, SMAP, webmail, and mailing list services with individual components. It is best known for its IMAP server component. Individual components can be enabled or disabled at will. The Courier Mail Server implements basic web-based calendaring and scheduling services integrated in the webmail module. |
| Reference                 | http://www.courier-mta.org/  |
| Global ID                 | L4:530   |
| ID                        | 448  |
| Known Mappings            |  |
| UDP Port                  | 530  |
| TCP Port                  | 530  |
| IP Protocol               | -  |
| IP Version                |  |
| IPv4 Support              | Yes  |
| IPv6 Support              | Yes  |
| Application Group         | other  |
| Category                  | other  |
| Sub Category              | other  |
| P2P Technology            | No   |
| Encrypted                 | No   |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                    | No   |

| <b>Underlying Protocols</b> | - |
|-----------------------------|---|

# **COURSERA**

| Name/CLI Keyword            | coursera   |
|-----------------------------|--|
| Full Name                   | Coursera   |
| Description                 | Coursera - Educational site, offer online courses from top universities. |
| Reference                   | http://coursera.com  |
| Global ID                   | L7:765   |
| ID                          | 1695   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic  |

### **COVIA**

| Name/CLI Keyword            | covia   |
|-----------------------------|---|
| Full Name                   | Communications Integrator   |
| Description                 | Covia is used mainly by emergency response teams and the military to enable audio, video, data and other types of communication between multiple systems and devices running different operating systems. |
| Reference                   | http://www.covialabs.com  |
| Global ID                   | L4:64   |
| ID                          | 941   |
| Known Mappings              | •   |
| UDP Port                    | 64  |
| TCP Port                    | 64  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CPHB**

| Name/CLI Keyword            | cphb  |
|-----------------------------|---|
| Full Name                   | Computer Protocol Heart Beat  |
| Description                 | Registered with IANA as IP Protocol 73                                |
| Reference                   | http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml |
| Global ID                   | L3:73   |
| ID                          | 827   |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 73  |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.               |
| Category                    | layer3-over-ip  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.             |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CPNX**

| Name/CLI Keyword            | cpnx  |
|-----------------------------|---|
| Full Name                   | Computer Protocol Network Executive                                   |
| Description                 | Registered with IANA as IP Protocol 72                                |
| Reference                   | http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml |
| Global ID                   | L3:72   |
| ID                          | 826   |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 72  |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.     |
| Category                    | layer3-over-ip  |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.             |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CPQ-WBEM**

| Name/CLI Keyword            | cpq-wbem   |
|-----------------------------|--|
| Full Name                   | Compaq Insight Manager Service   |
| Description                 | Compaq Insight Manager Service (cpq-wbem) is a service used by the Compaq Insight Manager software. In 2002 Compaq was aquired by HP, and the Insight Manager software is now known as HP Insight Control. |
| Reference                   | http://h18000.www1.hp.com/products/servers/management/index.html   |
| Global ID                   | L4:2301  |
| ID                          | 1336   |
| Known Mappings              |  |
| UDP Port                    | 2301   |
| TCP Port                    | 2301   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | business-and-productivity-tools  |
| Sub Category                | network-management   |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

# **CRAIGLIST**

| Name/CLI Keyword            | craiglist                                |
|-----------------------------|--|
| Full Name                   | Craigslist                               |
| Description                 | Craigslist - Popular online classifieds. |
| Reference                   | http://craigslist.org                    |
| Global ID                   | L7:617                                   |
| ID                          | 1068                                     |
| Known Mappings              |  |
| UDP Port                    | 53,5353                                  |
| TCP Port                    | 53,80,443,5353                           |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes                                      |
| IPv6 Support                | Yes                                      |
| Application Group           | other                                    |
| Category                    | browsing                                 |
| Sub Category                | other                                    |
| P2P Technology              | No                                       |
| Encrypted                   | No                                       |
| Tunnel                      | No                                       |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                        |

### **CRASHPLAN**

| Name/CLI Keyword            | crashplan   |
|-----------------------------|---|
| Full Name                   | CRASHPLAN   |
| Description                 | Online data backup software. Silently and continuously backs up end user data for complete visibility and control on a single, secure platform. |
| Reference                   | http://www.code42.com/crashplan/  |
| Global ID                   | L7:820  |
| ID                          | 1749  |
| Known Mappings              |   |
| UDP Port                    |   |
| TCP Port                    | 80  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default   |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | unassigned  |
| Encrypted                   | unassigned  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | unassigned  |
| <b>Underlying Protocols</b> | dns,ssl   |

# **CREATIVEPARTNR**

| Name/CLI Keyword            | creativepartnr  |
|-----------------------------|---|
| Full Name                   | Creative Partner  |
| Description                 | Registered with IANA on port 455 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID                   | L4:455  |
| ID                          | 370   |
| Known Mappings              |   |
| UDP Port                    | 455   |
| TCP Port                    | 455   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                   |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                 |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CREATIVESERVER**

| Name/CLI Keyword            | creativeserver  |
|-----------------------------|---|
| Full Name                   | Creative Server   |
| Description                 | Registered with IANA on port 453 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:453  |
| ID                          | 368   |
| Known Mappings              |   |
| UDP Port                    | 453   |
| TCP Port                    | 453   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CRS**

| Name/CLI Keyword            | crs   |
|-----------------------------|---|
| Full Name                   | Microsoft Content Replication System  |
| Description                 | Registered with IANA on port 507 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:507  |
| ID                          | 421   |
| Known Mappings              |   |
| UDP Port                    | 507   |
| TCP Port                    | 507   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | authentication-services   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CRTP**

| Name/CLI Keyword            | crtp   |
|-----------------------------|--|
| Full Name                   | Combat Radio Transport Protocol  |
| Description                 | Combat Radio Transport Protocol transports the combat radio's data through in an internet network. |
| Reference                   | http://www.springerlink.com/content/a761662632006m51/fulltext.pdf                                  |
| Global ID                   | L3:126   |
| ID                          | 880  |
| Known Mappings              |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 126  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | layer3-over-ip   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

### **CRUDP**

| Name/CLI Keyword            | crudp   |
|-----------------------------|---|
| Full Name                   | Combat Radio User Datagram  |
| Description                 | Registered with IANA as IP Protocol 127                               |
| Reference                   | http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml |
| Global ID                   | L3:127  |
| ID                          | 1225  |
| Known Mappings              |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 127   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.               |
| Category                    | other   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.             |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CRYPTOADMIN**

| Name/CLI Keyword            | cryptoadmin   |
|-----------------------------|---|
| Full Name                   | CRYPTOAdmin   |
| Description                 | CRYPTOAdmin a remote authentication solution, enabling its users to access a remote enterprise's LAN. The solution is built of two parts: the CRYPTOAdmin authentication server and CRYPTOCard tokens and smartcards. Together, these provide strongly secured access to a remote enterprise network. |
| Reference                   | http://www.cryptocard.com/  |
| Global ID                   | L4:624  |
| ID                          | 533   |
| Known Mappings              |   |
| UDP Port                    | 624   |
| TCP Port                    | 624   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | internet-privacy  |
| Sub Category                | authentication-services   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CSDN**

| Name/CLI Keyword            | csdn   |
|-----------------------------|--|
| Full Name                   | CSDN   |
| Description                 | CSDN - Chinese IT community/forum for Software related issues. |
| Reference                   | http://csdn.net  |
| Global ID                   | L7:737   |
| ID                          | 1667   |
| Known Mappings              |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| Category                    | browsing   |
| Sub Category                | other  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic  |

### **CSI-SGWP**

| Name/CLI Keyword          | csi-sgwp  |
|---------------------------|---|
| Full Name                 | Cabletron Management Protocol   |
| Description               | Registered with IANA on port 348 TCP/UDP  |
| Reference                 | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                 | L4:348  |
| ID                        | 915   |
| Known Mappings            |   |
| UDP Port                  | 348   |
| TCP Port                  | 348   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                  | other   |
| Sub Category              | other   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                    | No  |
| Underlying Protocols      | -   |

### **CSNET-NS**

| Name/CLI Keyword          | csnet-ns  |
|---------------------------|---|
| Full Name                 | CSNET Mailbox Name Nameserver   |
| Description               | The Computer Science Network (CSNET) was a computer network that began operation in 1981 in the United States. Its purpose was to extend networking benefits for computer science departments at academic and research institutions that could not be directly connected to ARPANET, due to funding or authorization limitations. The CSNET name service allowed manual and automated email address lookup based on various user attributes, such as name, title, or institution. |
| Reference                 | http://www.isoc.org/internet/history/documents/Comm83.pdf   |
| Global ID                 | L4:105  |
| ID                        | 976   |
| Known Mappings            |   |
| UDP Port                  | 105   |
| TCP Port                  | 105   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                  | net-admin   |
| Sub Category              | naming-services   |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Tunnel                    | No  |

| <b>Underlying Protocols</b> | - |
|-----------------------------|---|
|                             |   |

# **CTF**

| Name/CLI Keyword            | ctf   |
|-----------------------------|---|
| Full Name                   | Common Trace Facility   |
| Description                 | Registered with IANA on port 84 TCP/UDP   |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:84   |
| ID                          | 957   |
| Known Mappings              |   |
| UDP Port                    | 84  |
| TCP Port                    | 84  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | network-protocol  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CUSEEME**

| Name/CLI Keyword            | cuseeme   |
|-----------------------------|---|
| Full Name                   | Internet video conference system  |
| Description                 | CU-SeeMe is an Internet video conferencing client. CU-SeeMe can make point-to-point video calls without a server or make multi-point calls through server software. Later commercial versions of CU-SeeMe could also make point-to-point or multi-point calls to other vendor's standard-based H.323 endpoints and servers. |
| Reference                   | http://en.wikipedia.org/wiki/CU-SeeMe   |
| Global ID                   | L7:12   |
| ID                          | 12  |
| Known Mappings              | 1   |
| UDP Port                    | 7648,7649,24032   |
| TCP Port                    | 7648,7649   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | instant-messaging   |
| Sub Category                | voice-video-chat-collaboration  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

CUSEEME

### **CUSTIX**

| Name/CLI Keyword            | custix  |
|-----------------------------|---|
| Full Name                   | Customer Ixchange   |
| Description                 | Registered with IANA on port 528 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:528  |
| ID                          | 446   |
| Known Mappings              |   |
| UDP Port                    | 528   |
| TCP Port                    | 528   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                       |
| Category                    | business-and-productivity-tools   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                     |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# $CVC\_HOSTD$

| Name/CLI Keyword            | cvc_hostd   |
|-----------------------------|---|
| Full Name                   | cvc_hostd   |
| Description                 | Registered with IANA on port 442 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID                   | L4:442  |
| ID                          | 357   |
| Known Mappings              |   |
| UDP Port                    | 442   |
| TCP Port                    | 442   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                         |
| Category                    | net-admin   |
| Sub Category                | authentication-services   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                            |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

### **CVSPSERVER**

| Name/CLI Keyword            | cvspserver  |
|-----------------------------|---|
| Full Name                   | CVS pserver   |
| Description                 | CVS pserver is an insecure method of giving remote access to a Concurrent Versions System (CVS) repository. |
| Reference                   | http://www.nongnu.org/cvs/  |
| Global ID                   | L4:2401   |
| ID                          | 1337  |
| Known Mappings              |   |
| UDP Port                    | 2401  |
| TCP Port                    | 2401  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | business-and-productivity-tools   |
| Sub Category                | other   |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CVSUP**

| Name/CLI Keyword            | cvsup   |
|-----------------------------|---|
| Full Name                   | CVSup   |
| Description                 | CVSup is a computer program written for Unix/Linux based systems that synchronizes files and directories from one location to another while minimizing data transfer using file-type specific delta encoding when appropriate. CVSup was designed for keeping source code repositories - such as CVS - synchronized, but has been extended to support synchronizing any type of file. |
| Reference                   | http://www.cvsup.org/   |
| Global ID                   | L4:5999   |
| ID                          | 1338  |
| Known Mappings              |   |
| UDP Port                    | 5999  |
| TCP Port                    | 5999  |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Category                    | business-and-productivity-tools   |
| Sub Category                | file-sharing  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CYBERCASH**

| Name/CLI Keyword            | cybercash  |
|-----------------------------|--|
| Full Name                   | Cybercash  |
| Description                 | CyberCash serves as a conduit through which payments can be transported quickly, easily and safely between buyers, sellers and their banks. The CyberCash system provides several separate payment services on the Internet including credit card and electronic cash. |
| Reference                   | http://tools.ietf.org/html/rfc1898   |
| Global ID                   | L4:551   |
| ID                          | 468  |
| Known Mappings              |  |
| UDP Port                    | 551  |
| TCP Port                    | 551  |
| IP Protocol                 | -  |
| IP Version                  |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| Application Group           | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| Category                    | business-and-productivity-tools  |
| Sub Category                | epayement  |
| P2P Technology              | No   |
| Encrypted                   | No   |
| Traffic-class               | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| Tunnel                      | No   |
| <b>Underlying Protocols</b> | -  |

# **CYCLESERV**

| Name/CLI Keyword            | cycleserv   |
|-----------------------------|---|
| Full Name                   | cycleserv   |
| Description                 | Registered with IANA on port 763 TCP/UDP  |
| Reference                   | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                   | L4:763  |
| ID                          | 635   |
| Known Mappings              |   |
| UDP Port                    | 763   |
| TCP Port                    | 763   |
| IP Protocol                 | -   |
| IP Version                  |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| Application Group           | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                    | net-admin   |
| Sub Category                | network-management  |
| P2P Technology              | No  |
| Encrypted                   | No  |
| Traffic-class               | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                      | No  |
| <b>Underlying Protocols</b> | -   |

# **CYCLESERV2**

| Name/CLI Keyword          | cycleserv2  |
|---------------------------|---|
| Full Name                 | cycleserv2  |
| Description               | Registered with IANA on port 772 TCP/UDP  |
| Reference                 | http://www.iana.org/assignments/service-names-port-numbers/<br>service-names-port-numbers.xml |
| Global ID                 | L4:772  |
| ID                        | 642   |
| Known Mappings            |   |
| UDP Port                  | 772   |
| TCP Port                  | 772   |
| IP Protocol               | -   |
| IP Version                |   |
| IPv4 Support              | Yes   |
| IPv6 Support              | Yes   |
| Application Group         | other   |
| <b>Business Relevance</b> | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                             |
| Category                  | net-admin   |
| Sub Category              | network-management  |
| P2P Technology            | No  |
| Encrypted                 | No  |
| Traffic-class             | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                |
| Tunnel                    | No  |
| Underlying Protocols      | -   |

CYCLESERV2