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# GACP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gacp  |
| <b>Full Name</b>            | Gateway Access Control Protocol   |
| <b>Description</b>          | Registered with IANA on port 190 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:190  |
| <b>ID</b>                   | 1034  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 190   |
| TCP Port                    | 190   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | routing-protocol  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | network-control. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

## GAME-SPY

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | game-spy   |
| <b>Full Name</b>            | Game-spy Online Gaming   |
| <b>Description</b>          | GameSpy is network of game websites that provides online video game related services and software. GameSpy is available on PC and many other game platforms. |
| <b>Reference</b>            | <a href="http://www.gamespy.com/">http://www.gamespy.com/</a>  |
| <b>Global ID</b>            | L7:506   |
| <b>ID</b>                   | 1349   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 6515,27900   |
| TCP Port                    | 6500,28900   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | gaming   |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | multimedia-streaming. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# GBRIDGE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gbridge  |
| <b>Full Name</b>            | Gbridge  |
| <b>Description</b>          | DEPRECATED in Protocol Pack Release 32.0.0. Traffic will not match.<br>Gbridge is a free software that allows users to control PCs remotely, sync folders, share files and chat securely using a Google Account. |
| <b>Reference</b>            | <a href="http://www.gbridge.com">http://www.gbridge.com</a>  |
| <b>Global ID</b>            | L7:530   |
| <b>ID</b>                   | 1465   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant  |
| <b>Category</b>             | consumer-streaming   |
| <b>Sub Category</b>         | consumer-multimedia-messaging  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | multimedia-conferencing  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http   |

# GDOMAP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gdomap  |
| <b>Full Name</b>            | gdomap  |
| <b>Description</b>          | The gdomap daemon is used by GNUstep programs to look up distributed objects of processes running across the network (and between different user accounts on a single machine). The daemon is not used for lookup where two processes belonging to the same user are using a host-local connection. |
| <b>Reference</b>            | <a href="http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html">http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html</a>   |
| <b>Global ID</b>            | L4:538  |
| <b>ID</b>                   | 456   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 538   |
| TCP Port                    | 538   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GDS\_DB

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gds_db  |
| <b>Full Name</b>            | GDS DataBase  |
| <b>Description</b>          | Registered with IANA on port 3050 TCP/UDP   |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:3050   |
| <b>ID</b>                   | 1343  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 3050  |
| TCP Port                    | 3050  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | database  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GENIE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | genie   |
| <b>Full Name</b>            | Genie Protocol  |
| <b>Description</b>          | Registered with IANA on port 402 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:402  |
| <b>ID</b>                   | 317   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 402   |
| TCP Port                    | 402   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# GENRAD-MUX

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | genrad-mux  |
| <b>Full Name</b>            | Genrad Mux  |
| <b>Description</b>          | Registered with IANA on port 176 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:176  |
| <b>ID</b>                   | 1021  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 176   |
| TCP Port                    | 176   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GGF-NCP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ggf-ncp   |
| <b>Full Name</b>            | GNU Generation Foundation NCP   |
| <b>Description</b>          | Registered with IANA on port 678 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:678  |
| <b>ID</b>                   | 586   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 678   |
| TCP Port                    | 678   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GGP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ggp   |
| <b>Full Name</b>            | Gateway-to-Gateway Protocol   |
| <b>Description</b>          | The Gateway-to-Gateway Protocol (GGP) is an obsolete protocol defined for routing datagrams between internet gateways. The Gateway-to-Gateway Protocol was designed as an Internet Protocol (IP) datagram service similar to the Transmission Control Protocol (TCP) and the User Datagram Protocol (UDP). However, it is classified as an Internet Layer protocol. GGP uses a minimum hop algorithm, by which it measures distance in router hops. A router is defined to be zero hops from directly connected networks and one hop from networks that are reachable through one other gateway. The protocol implements a distributed shortest-path methodology, and therefore requires global convergence of the routing tables after any change of link connectivity in the network. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol">http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol</a>   |
| <b>Global ID</b>            | L3:3  |
| <b>ID</b>                   | 759   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 3   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | layer3-over-ip  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GINAD

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ginad   |
| <b>Full Name</b>            | ginad   |
| <b>Description</b>          | Registered with IANA on port 634 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:634  |
| <b>ID</b>                   | 543   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 634   |
| TCP Port                    | 634   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GITHUB

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | github  |
| <b>Full Name</b>            | GitHub  |
| <b>Description</b>          | GitHub - Code management portal for open Source projects. |
| <b>Reference</b>            | <a href="http://github.com">http://github.com</a>         |
| <b>Global ID</b>            | L7:625  |
| <b>ID</b>                   | 1554  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns  |

# GIZMODO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gizmodo   |
| <b>Full Name</b>            | Gizmodo   |
| <b>Description</b>          | Gizmodo - Blogs about design and technology.        |
| <b>Reference</b>            | <a href="http://gizmodo.com">http://gizmodo.com</a> |
| <b>Global ID</b>            | L7:688  |
| <b>ID</b>                   | 1618  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353                                      |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                   |

# GKRELLM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gkrellm   |
| <b>Full Name</b>            | GNU Krell Monitors  |
| <b>Description</b>          | GNU Krell Monitors (GKrellM) is a computer program based on the GTK+ toolkit that creates a single process stack of system monitors. It can be used to monitor the status of CPUs, main memory, hard disks, network interfaces, local and remote mailboxes, and many other things. Plugins are available for a multitude of tasks, for example, controlling the XMMS media player or a SETI@home client from within the stacked monitor. GKrellM is popular among users of Linux and other Unix-like operating systems. |
| <b>Reference</b>            | <a href="http://www.gkrellm.net/">http://www.gkrellm.net/</a>   |
| <b>Global ID</b>            | L4:19150  |
| <b>ID</b>                   | 1344  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    | 19150   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GMAIL

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gmail  |
| <b>Full Name</b>            | Gmail  |
| <b>Description</b>          | GMAIL is a free web based email service provided by Google Inc. The underlying protocols for GMAIL are SSL and HTTP. |
| <b>Reference</b>            | <a href="http://mail.google.com/mail/">http://mail.google.com/mail/</a>  |
| <b>Global ID</b>            | L7:462   |
| <b>ID</b>                   | 1073   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | google-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | email  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,google,ssl,dns,quic   |



# GMTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gmtp  |
| <b>Full Name</b>            | GMTP  |
| <b>Description</b>          | Graphical Media Transfer Protocol (gMTP) is a lightweight graphical MTP media client for UNIX and UNIX-like systems. It supports all MTP-based devices including MP3 players, Media Players, Tablets and Mobile Phones. gMTP Is IP protocol number 100. |
| <b>Reference</b>            | <a href="http://gmtp.sourceforge.net">http://gmtp.sourceforge.net</a>   |
| <b>Global ID</b>            | L3:100  |
| <b>ID</b>                   | 854   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 100   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | layer3-over-ip  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

## GMX-MAIL

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gmx-mail                                  |
| <b>Full Name</b>            | GMX Mail                                  |
| <b>Description</b>          | GMX Mail - German based webmail service.  |
| <b>Reference</b>            | <a href="http://gmx.co">http://gmx.co</a> |
| <b>Global ID</b>            | L7:762                                    |
| <b>ID</b>                   | 1591                                      |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353                                   |
| TCP Port                    | 53,80,443,5353                            |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes                                       |
| IPv6 Support                | Yes                                       |
| <b>Application Group</b>    | other                                     |
| <b>Category</b>             | browsing                                  |
| <b>Sub Category</b>         | other                                     |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                         |

# GNUTELLA

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gnutella   |
| <b>Full Name</b>            | Gnutella   |
| <b>Description</b>          | Gnutella is decentralized and open-source peer-to-peer file sharing protocol used by various clients such as BearShare, Shareza, Morpheus, etc. Using a Gnutella client, files can be shared, located and downloaded by another Gnutella client. |
| <b>Reference</b>            | <a href="http://rfc-gnutella.sourceforge.net/">http://rfc-gnutella.sourceforge.net/</a>  |
| <b>Global ID</b>            | L7:58  |
| <b>ID</b>                   | 58   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | gnutella-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | p2p-file-transfer  |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http   |

# GOODREADS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | goodreads   |
| <b>Full Name</b>            | Goodreads   |
| <b>Description</b>          | Goodreads - Book review and cataloging.                 |
| <b>Reference</b>            | <a href="http://goodreads.com">http://goodreads.com</a> |
| <b>Global ID</b>            | L7:670  |
| <b>ID</b>                   | 1599  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                       |

# GODADDY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | godaddy   |
| <b>Full Name</b>            | GoDaddy   |
| <b>Description</b>          | GoDaddy - Domain registrar                          |
| <b>Reference</b>            | <a href="http://godaddy.com">http://godaddy.com</a> |
| <b>Global ID</b>            | L7:640  |
| <b>ID</b>                   | 1569  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353                                      |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic                                   |

## GO-LOGIN

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | go-login  |
| <b>Full Name</b>            | GraphOn Login   |
| <b>Description</b>          | GraphOn Login is a protocol used by GraphOn, a company that develops secure cloud application delivery solutions. |
| <b>Reference</b>            | <a href="http://www.graphon.com/">http://www.graphon.com/</a>   |
| <b>Global ID</b>            | L4:491  |
| <b>ID</b>                   | 405   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 491   |
| TCP Port                    | 491   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GOBOOGY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | goboogy   |
| <b>Full Name</b>            | GoBoogy   |
| <b>Description</b>          | A korean P2P file sharing software.                                 |
| <b>Reference</b>            | <a href="http://goboogy.com/">http://goboogy.com/</a>               |
| <b>Global ID</b>            | L4:5325   |
| <b>ID</b>                   | 1345  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 5325  |
| TCP Port                    | 5325  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only. |
| <b>Category</b>             | consumer-file-sharing   |
| <b>Sub Category</b>         | file-transfer   |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.           |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GOOGLE-ACCOUNTS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | google-accounts  |
| <b>Full Name</b>            | Google Accounts Authentication   |
| <b>Description</b>          | Google Accounts Authentication protocol covers the traffic logging into Google services using Google certificates. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_Account">http://en.wikipedia.org/wiki/Google_Account</a>              |
| <b>Global ID</b>            | L7:528   |
| <b>ID</b>                   | 1440   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | google-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | browsing   |
| <b>Sub Category</b>         | authentication-services  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,dns,quic   |



# GOOGLE-DOCS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-docs   |
| <b>Full Name</b>            | Google Docs\Drive   |
| <b>Description</b>          | Google Docs also known as Google Drive, is a free, web-based office suite and data storage service, offered by Google Inc. It enables the user to create and edit documents in different formats. In addition, it allows to upload, host view and share files with other users. |
| <b>Reference</b>            | <a href="https://docs.google.com/#home">https://docs.google.com/#home</a>   |
| <b>Global ID</b>            | L7:522  |
| <b>ID</b>                   | 1458  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | google-group  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | consumer-file-sharing   |
| <b>Sub Category</b>         | consumer-cloud-storage  |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,google,ssl,dns,quic  |

# GOOGLE-DOWNLOADS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-downloads  |
| <b>Full Name</b>            | Google Downloads Services                                 |
| <b>Description</b>          | Google downloads and Google application updates.          |
| <b>Reference</b>            | <a href="http://dl.google.com/">http://dl.google.com/</a> |
| <b>Global ID</b>            | L7:1081   |
| <b>ID</b>                   | 1081  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | google-group  |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | software-updates  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Unassigned  |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# GOOGLE-EARTH

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-earth  |
| <b>Full Name</b>            | Google Earth  |
| <b>Description</b>          | Google Earth is an application that lets the user view the world virtually through satellite imagery, maps and 3D buildings, etc. The application runs on Windows, MAC and Linux OS. The underlying protocol of Google Earth is HTTP. |
| <b>Reference</b>            | <a href="http://www.google.com/earth/index.html">http://www.google.com/earth/index.html</a>   |
| <b>Global ID</b>            | L7:441  |
| <b>ID</b>                   | 897   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | google-group  |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-internet   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | transactional-data  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http  |

# GOOGLE-PLAY

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-play   |
| <b>Full Name</b>            | Google Play   |
| <b>Description</b>          | Google Play, formerly known as Android Market, is a Google operated digital store for applications developed with the Android operating system SDK, published through Google. |
| <b>Reference</b>            | <a href="https://play.google.com">https://play.google.com</a>   |
| <b>Global ID</b>            | L7:589  |
| <b>ID</b>                   | 1528  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | No  |
| IPv6 Support                | No  |
| <b>Application Group</b>    | google-group  |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | software-updates  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |

# GOOGLE-PLUS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | google-plus  |
| <b>Full Name</b>            | Google+  |
| <b>Description</b>          | Google plus is a social networking web and mobile application provided by Google Inc. It enables the user to open account, invite other friends and sort them into circles. It also has features such as chat, video chat, games, apps, photos sharing and more. |
| <b>Reference</b>            | <a href="https://plus.google.com/">https://plus.google.com/</a>  |
| <b>Global ID</b>            | L7:521   |
| <b>ID</b>                   | 1457   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | google-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | social-networking  |
| <b>Sub Category</b>         | voice-video-chat-collaboration   |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | google,ssl,dns,quic  |

# GOOGLE-SERVICES

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-services   |
| <b>Full Name</b>            | Google Services   |
| <b>Description</b>          | google-services is a set of tools and APIs used by Google applications. |
| <b>Reference</b>            | <a href="https://www.google.com/">https://www.google.com/</a>           |
| <b>Global ID</b>            | L7:520  |
| <b>ID</b>                   | 1456  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | google-group  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                 |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.      |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns,quic   |

# GOOGLE-SERVICES-AUDIO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-services-audio   |
| <b>Full Name</b>            | Google Services Audio   |
| <b>Description</b>          | Audio streaming related to various Google services, APIs, and collaboration software. |
| <b>Reference</b>            | <a href="https://www.google.com/">https://www.google.com/</a>                         |
| <b>Global ID</b>            | L7:1061   |
| <b>ID</b>                   | 1061  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | enterprise-media-conferencing   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | voip-telephony  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> |   |

# GOOGLE-SERVICES-MEDIA

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-services-media   |
| <b>Full Name</b>            | Google Services Media   |
| <b>Description</b>          | Media streaming related to various Google services, APIs, and collaboration software. |
| <b>Reference</b>            | <a href="https://www.google.com/">https://www.google.com/</a>                         |
| <b>Global ID</b>            | L7:1071   |
| <b>ID</b>                   | 1071  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | enterprise-voice-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | multimedia-conferencing   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> |   |



# GOOGLE-SERVICES-VIDEO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | google-services-video   |
| <b>Full Name</b>            | Google Services Video   |
| <b>Description</b>          | Video streaming related to various Google services, APIs, and collaboration software. |
| <b>Reference</b>            | <a href="https://www.google.com/">https://www.google.com/</a>                         |
| <b>Global ID</b>            | L7:1062   |
| <b>ID</b>                   | 1062  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    |   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | enterprise-voice-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | multimedia-conferencing   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> |   |

# GOPHER

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gopher   |
| <b>Full Name</b>            | Gopher   |
| <b>Description</b>          | Gopher is a TCP/IP application layer protocol designed for distributing, searching, and retrieving documents over the Internet. The protocol is based on a client-server architecture and usually uses TCP port 70 as default. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1436">http://tools.ietf.org/html/rfc1436</a>  |
| <b>Global ID</b>            | L4:70  |
| <b>ID</b>                   | 15   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 70   |
| TCP Port                    | 70   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | browsing   |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# GOTODEVICE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gotodevice  |
| <b>Full Name</b>            | GotoDevice  |
| <b>Description</b>          | GoToDevice is a cross-platform control and administration software. It offers the remote manager different management options such as remote control of the desktop, file system browsing, services and processes control, registry editing and viewing. The software usually uses TCP/UDP port 2217. |
| <b>Reference</b>            | <a href="http://www.gotodevice.com/">http://www.gotodevice.com/</a>   |
| <b>Global ID</b>            | L4:2217   |
| <b>ID</b>                   | 1346  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2217  |
| TCP Port                    | 2217  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-streaming  |
| <b>Sub Category</b>         | desktop-virtualization  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | multimedia-streaming  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | tcp,udp   |

# GOTOMEETING

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gotomeeting  |
| <b>Full Name</b>            | GoToMeeting  |
| <b>Description</b>          | GoToMeeting is a web-hosted service for online meeting, desktop sharing, and video conferencing that enables users to meet with other computer users, customers, clients, or colleagues via internet in real time. |
| <b>Reference</b>            | <a href="https://www.gotomeeting.com/">https://www.gotomeeting.com/</a>  |
| <b>Global ID</b>            | L7:1166  |
| <b>ID</b>                   | 1166   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | webex-group  |
| <b>Business Relevance</b>   | business-relevant  |
| <b>Category</b>             | voice-and-video  |
| <b>Sub Category</b>         | enterprise-media-conferencing  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | multimedia-conferencing  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,ssl,dns   |

# GOTOMYPC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gotomypc  |
| <b>Full Name</b>            | Gotomypc  |
| <b>Description</b>          | GoToMyPC is a remote control software service that enables users to operate their computer remotely from any device. It is produced by Critix Online. |
| <b>Reference</b>            | <a href="http://www.gotomypc.com/">http://www.gotomypc.com/</a>   |
| <b>Global ID</b>            | L7:499  |
| <b>ID</b>                   | 1435  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-streaming  |
| <b>Sub Category</b>         | desktop-virtualization  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-streaming  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,http,dns  |

# GRAPHICS

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | graphics  |
| <b>Full Name</b>            | Graphics  |
| <b>Description</b>          | Registered with IANA on port 41 TCP/UDP   |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:41   |
| <b>ID</b>                   | 921   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 41  |
| TCP Port                    | 41  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GRE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gre  |
| <b>Full Name</b>            | Generic Route Encapsulation  |
| <b>Description</b>          | Generic Routing Encapsulation (GRE) is a protocol used for encapsulation of a network layer over another. The protocol encapsulates the packet and saves the protocol type of the payload packet so the receivers know what network layer was encapsulated, and digests the packet respectively. Usually the protocol uses IP port 47. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc2784">http://tools.ietf.org/html/rfc2784</a>  |
| <b>Global ID</b>            | L3:47  |
| <b>ID</b>                   | 5  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 47   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Business Relevance</b>   | Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | layer3-over-ip   |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Traffic Class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# GREE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gree   |
| <b>Full Name</b>            | GREE   |
| <b>Description</b>          | GREE is a Japanese social gaming platform. Games developed for GREE offer the users a gaming intended social network on which they can share comments and likes, upload photos and game screenshots, create avatars, share games and more. |
| <b>Reference</b>            | <a href="http://gree.net">http://gree.net</a>  |
| <b>Global ID</b>            | L7:597   |
| <b>ID</b>                   | 1536   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 53,5353  |
| TCP Port                    | 53,80,443,5353   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | gaming   |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,http,dns,quic  |



# GRIDFTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gridftp  |
| <b>Full Name</b>            | Grid FTP   |
| <b>Description</b>          | GridFTP is an extension of the standard File Transfer Protocol (FTP) for use with Grid computing. It is defined as part of the Globus toolkit, under the organization of the Global Grid Forum. The aim of GridFTP is to provide a more reliable and high performance file transfer for Grid computing applications. |
| <b>Reference</b>            | <a href="http://www.globus.org/grid_software/data/gridftp.php">http://www.globus.org/grid_software/data/gridftp.php</a>  |
| <b>Global ID</b>            | L7:451   |
| <b>ID</b>                   | 1309   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | 21,2811,21000  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | ftp-group  |
| <b>Business Relevance</b>   | default  |
| <b>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | file-transfer  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ftp  |

# GROOVE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | groove  |
| <b>Full Name</b>            | Groove  |
| <b>Description</b>          | Microsoft SharePoint Workspace, previously known as Microsoft Office Groove, is a desktop application designed for document collaboration in teams with members who are regularly off-line or who do not share the same network security clearance. |
| <b>Reference</b>            | <a href="http://office.com/sharepoint-workspace/">http://office.com/sharepoint-workspace/</a>   |
| <b>Global ID</b>            | L4:2492   |
| <b>ID</b>                   | 715   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2492  |
| TCP Port                    | 2492  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | voice-video-chat-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GROUPWISE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | groupwise   |
| <b>Full Name</b>            | Groupwise   |
| <b>Description</b>          | Novell GroupWise is a messaging and collaborative (groupware) platform that provides email, instant messaging, calendar, documents and personal information management. The platform is based on a client-server architecture where client software is available for Windows, Mac OS X, and Linux and server software is supported on Windows Server, NetWare, and Linux. GroupWise usually uses TCP/UDP port 1677. |
| <b>Reference</b>            | <a href="http://www.novell.com/products/groupwise/">http://www.novell.com/products/groupwise/</a>   |
| <b>Global ID</b>            | L4:1677   |
| <b>ID</b>                   | 1347  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 1677  |
| TCP Port                    | 1677  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | email   |
| <b>Sub Category</b>         | client-server   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GSIFTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gsiftp   |
| <b>Full Name</b>            | Globus GridFTP   |
| <b>Description</b>          | The Globus GridFTP (GSI-FTP, Grid Security Infrastructure) server and client tools and libraries make up a robust product suite designed to move large amounts of data faster, more securely, and more reliably than standard FTP. |
| <b>Reference</b>            | <a href="http://www.globus.org/toolkit/data/gridftp/">http://www.globus.org/toolkit/data/gridftp/</a>  |
| <b>Global ID</b>            | L4:2811  |
| <b>ID</b>                   | 1313   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 2811   |
| TCP Port                    | 2811   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | ftp-group  |
| <b>Business Relevance</b>   | default  |
| <b>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | file-transfer  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | bulk-data  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | tcp,udp  |

# GSS-HTTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gss-http  |
| <b>Full Name</b>            | GSS-HTTP  |
| <b>Description</b>          | GSS-HTTP is an authentication mechanism for HTTP based on a multi-roundtrip handshake using base64-encoded GSS-API tokens encoded in the WWW-Authenticate Response Header and the Authorization Request Header. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4">http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4</a>   |
| <b>Global ID</b>            | L4:488  |
| <b>ID</b>                   | 402   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 488   |
| TCP Port                    | 488   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-relevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | browsing  |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | ops-admin-mgmt. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

## GSS-XLICEN

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gss-xlicen  |
| <b>Full Name</b>            | GNU Generation Foundation NCP   |
| <b>Description</b>          | Registered with IANA on port 128 TCP/UDP  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>            | L4:128  |
| <b>ID</b>                   | 997   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 128   |
| TCP Port                    | 128   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | license-manager   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GTALK-CHAT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gtalk-chat   |
| <b>Full Name</b>            | Google Talk Chat   |
| <b>Description</b>          | Google Talk Chat is the instant messaging feature of Google Talk. The underlying protocol for Google Talk Chat is Extensible Messaging and Presence Protocol (XMPP), which allows users of other XMPP clients to communicate with Google Talk users. Google Talk is now being replaced by Google Hangouts. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>  |
| <b>Global ID</b>            | L7:464   |
| <b>ID</b>                   | 1324   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 5222   |
| TCP Port                    | 443,5222   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | gtalk-group  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | instant-messaging  |
| <b>Sub Category</b>         | client-server  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | transactional-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | xmpp-client,ssl  |

## GTALK-FT

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gtalk-ft  |
| <b>Full Name</b>            | Google Talk File Transfer   |
| <b>Description</b>          | Google Talk File Transfer (FT) is a feature of Google Talk (GTALK) that allows users to transfer files via GTALK. The underlying protocols for Google Talk File Transfer are Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>   |
| <b>Global ID</b>            | L7:308  |
| <b>ID</b>                   | 1201  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 3478  |
| TCP Port                    | 3478  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | gtalk-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | consumer-file-sharing   |
| <b>Sub Category</b>         | file-transfer   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | stun-nat,gtalk  |



# GTALK-VIDEO

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | gtalk-video  |
| <b>Full Name</b>            | Google Talk Video  |
| <b>Description</b>          | Google talk-video is a feature of GTALK that allows users to make video calls via Google-talk (GTALK). The underlying protocols for GTALK-VIDEO are GTALK, STUN and HTTP. Google Talk is now being replaced by Google Hangouts |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>  |
| <b>Global ID</b>            | L7:471   |
| <b>ID</b>                   | 1403   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 3478   |
| TCP Port                    | 80,3478  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | gtalk-group  |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Category</b>             | voice-and-video  |
| <b>Sub Category</b>         | voice-video-chat-collaboration   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Traffic-class</b>        | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | http,gtalk,stun-nat,rtp  |

## GTALK-VOIP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gtalk-voip  |
| <b>Full Name</b>            | Google Talk Voice   |
| <b>Description</b>          | Google Talk Voice is a feature of Google Talk (GTALK) that allows users to make VoIP calls. The protocol is based on Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>   |
| <b>Global ID</b>            | L7:305  |
| <b>ID</b>                   | 1198  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 3478  |
| TCP Port                    | 80,3478   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | gtalk-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | voice-video-chat-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | voip-telephony. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | stun-nat,gtalk,ssl,rtp,http   |

# GTALK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gtalk   |
| <b>Full Name</b>            | Google Talk   |
| <b>Description</b>          | Google Talk (GTALK) is an instant messaging service that provides both text and voice communication. Gtalk is available as an application or as a plugin in gmail. Gtalk service is being replaced with Hangouts "service". |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/Google_talk">http://en.wikipedia.org/wiki/Google_talk</a>   |
| <b>Global ID</b>            | L7:470  |
| <b>ID</b>                   | 1030  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,3478,5353  |
| TCP Port                    | 53,80,443,3478,5353   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | gtalk-group   |
| <b>Business Relevance</b>   | business-irrelevant. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | instant-messaging   |
| <b>Sub Category</b>         | voice-video-chat-collaboration  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-conferencing. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,google,ssl,stun-nat,dns,quic   |

# GTP-USER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gtp-user  |
| <b>Full Name</b>            | GTP-User Plane (3GPP)   |
| <b>Description</b>          | GTP-U is a GPRS Tunneling Protocol used for carrying user data within the GPRS Core Network and between the Radio Access Network and the core network. The user data transported can be packets in any of IPv4, IPv6, or PPP formats. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol">http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol</a>   |
| <b>Global ID</b>            | L4:2152   |
| <b>ID</b>                   | 740   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2152  |
| TCP Port                    | 2152  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Category</b>             | internet-privacy  |
| <b>Sub Category</b>         | tunneling-protocols   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic-class</b>        | bulk-data. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.   |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | -   |

# GURUGURU

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | guruguru  |
| <b>Full Name</b>            | guruguru  |
| <b>Description</b>          | The Guruguru protocol is used by the Guruguru file-sharing application mostly in Japan. |
| <b>Reference</b>            | <a href="http://www.guruguru.co.jp">http://www.guruguru.co.jp</a>                       |
| <b>Global ID</b>            | L7:436  |
| <b>ID</b>                   | 757   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | -   |
| IPv6 Support                | -   |
| <b>Business Relevance</b>   | Default. From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                                 |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | file-sharing  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Traffic Class</b>        | Bulk-data . From Cisco IOS XE 3.16S and IOS 15.5(3)M only.                              |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# GYAO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | gyao  |
| <b>Full Name</b>            | Gyao  |
| <b>Description</b>          | Gyao is a video site operated by Yahoo Japan.                     |
| <b>Reference</b>            | <a href="https://gyao.yahoo.co.jp/">https://gyao.yahoo.co.jp/</a> |
| <b>Global ID</b>            | L7:1164   |
| <b>ID</b>                   | 1164  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 53,5353   |
| TCP Port                    | 53,80,443,5353  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Business Relevance</b>   | business-irrelevant   |
| <b>Category</b>             | consumer-streaming  |
| <b>Sub Category</b>         | consumer-video-streaming  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Traffic-class</b>        | multimedia-streaming  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http,ssl,dns  |