



## P10 through PWDGEN

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# P10

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | p10   |
| <b>Full Name</b>            | P10   |
| <b>Description</b>          | The P10 protocol is an extension to the Internet Relay Chat protocol (IRC) for server to server communications. It is similar in purpose to IRCX and EFnet TS5/TS6 protocols and implements nick and channel timestamping for handling nick collisions and netsplit channel riding, respectively. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/IRCd#P10">http://en.wikipedia.org/wiki/IRCd#P10</a>   |
| <b>Global ID</b>            | L4:6665   |
| <b>ID</b>                   | 1400  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 6665,6666,6667,6668,6669  |
| TCP Port                    | 6665,6666,6667,6668,6669  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PANDO

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pando  |
| <b>Full Name</b>            | Pando  |
| <b>Description</b>          | Pando is a file sharing software that allows the clients to stream, download and share media. Pando is based on peer to peer and client server architectures. It uses BitTorrent protocol to transfer files therefore the underlying protocols for Pando are SSL and HTTP. |
| <b>Reference</b>            | <a href="http://www.pando.com/">http://www.pando.com/</a>  |
| <b>Global ID</b>            | L7:443   |
| <b>ID</b>                   | 1049   |
| <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>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | p2p-file-transfer  |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,spdy,http  |

# PANDORA

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pandora  |
| <b>Full Name</b>            | Pandora Internet Radio   |
| <b>Description</b>          | Pandora Internet Radio (also referred to as Pandora Radio or simply Pandora) is an automated music recommendation service and custodian of the Music Genome Project available only in the United States. The service plays musical selections similar to song suggestions entered by a user. |
| <b>Reference</b>            | <a href="http://www.pandora.com">http://www.pandora.com</a>  |
| <b>Global ID</b>            | L7:515   |
| <b>ID</b>                   | 1451   |
| <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>Category</b>             | voice-and-video  |
| <b>Sub Category</b>         | streaming  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,spdy,http  |

# PARSEC-GAME

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | parsec-game  |
| <b>Full Name</b>            | Parsec Gameserver  |
| <b>Description</b>          | Parsec is a fast-paced non-commercial network space-shooter. |
| <b>Reference</b>            | <a href="http://www.parsec.org/">http://www.parsec.org/</a>  |
| <b>Global ID</b>            | L4:6582  |
| <b>ID</b>                   | 744  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 6582   |
| TCP Port                    | 6582   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | gaming   |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PASSGO-TIVOLI

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | passgo-tivoli   |
| <b>Full Name</b>            | PassGo Technologies Service   |
| <b>Description</b>          | PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc. |
| <b>Reference</b>            | <a href="http://www.quest.com/">http://www.quest.com/</a>   |
| <b>Global ID</b>            | L4:627  |
| <b>ID</b>                   | 536   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 627   |
| TCP Port                    | 627   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PASSGO

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | passgo  |
| <b>Full Name</b>            | PassGo Technologies Service   |
| <b>Description</b>          | PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc. |
| <b>Reference</b>            | <a href="http://www.quest.com/">http://www.quest.com/</a>   |
| <b>Global ID</b>            | L4:511  |
| <b>ID</b>                   | 425   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 511   |
| TCP Port                    | 511   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# PASSWORD-CHG

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | password-chg  |
| <b>Full Name</b>            | Password Change   |
| <b>Description</b>          | The Change Password service is a protocol provider that services Kerberos Change Password and Set Password Protocol requests. Change Password is a request-reply protocol that uses Kerberos infrastructure to allow users to securely set initial passwords or to change existing passwords. The Change Password protocol interoperates with the original Kerberos Change Password protocol, while adding the ability for an administrator to set a password for a new user. |
| <b>Reference</b>            | <a href="http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html">http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html</a>   |
| <b>Global ID</b>            | L4:586  |
| <b>ID</b>                   | 500   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 586   |
| TCP Port                    | 586   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | network-management  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PAWSERV

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pawserv   |
| <b>Full Name</b>            | Perf Analysis Workbench   |
| <b>Description</b>          | Registered with IANA on port 345 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>            | L4:345  |
| <b>ID</b>                   | 800   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 345   |
| TCP Port                    | 345   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | industrial-protocols  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PCANYWHERE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pcanywhere   |
| <b>Full Name</b>            | pcAnywhere   |
| <b>Description</b>          | pcAnywhere lets users connect to another computer for remote desktop access. The protocol uses UDP for control, typically on port 5361 and a TCP connection for transferring the data, typically on port 5362. |
| <b>Reference</b>            | <a href="http://www.symantec.com/pcanywhere">http://www.symantec.com/pcanywhere</a>  |
| <b>Global ID</b>            | L7:32  |
| <b>ID</b>                   | 32   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 22,5632  |
| TCP Port                    | 65301,5631   |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | terminal   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

## PCMAIL-SRV

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pcmail-srv  |
| <b>Full Name</b>            | PCMail Server   |
| <b>Description</b>          | PCMail is a distributed mail system providing mail service to an arbitrary number of users, each of whom owns one or more workstations. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1056">http://tools.ietf.org/html/rfc1056</a>   |
| <b>Global ID</b>            | L4:158  |
| <b>ID</b>                   | 1004  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 158   |
| TCP Port                    | 158   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PCOIP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pcoip  |
| <b>Full Name</b>            | PCoIP  |
| <b>Description</b>          | PCoIP is a remote display protocol developed by Teradici. It is used to remotely connect to desktops and applications sending compressed pixels across the IP network. PCoIP can be used through hardware zero clients or software VMware View clients. PCoIP can be used to extend non display elements of the PC, such as USB and audio, across the network. |
| <b>Reference</b>            | <a href="http://www.teradici.com/">http://www.teradici.com/</a>  |
| <b>Global ID</b>            | L4:4172  |
| <b>ID</b>                   | 1427   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 4172   |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | remote-access-terminal   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | Yes  |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | ssl,spdy   |

# PDAP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pdap  |
| <b>Full Name</b>            | Prospero Data Access Protocol   |
| <b>Description</b>          | Prospero Data Access Protocol (PDAP) is used to implement the Prospero File System, which is based on the Virtual System Model.   |
| <b>Reference</b>            | <a href="http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19970004479_1997000649.pdf">http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19970004479_1997000649.pdf</a> |
| <b>Global ID</b>            | L4:344  |
| <b>ID</b>                   | 441   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 344   |
| TCP Port                    | 344   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | industrial-protocols  |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PERFORCE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | perforce   |
| <b>Full Name</b>            | Perforce   |
| <b>Description</b>          | Perforce is a commercial proprietary Revision Control (RC) system. The Perforce system is based on a client/server model with the server managing the collection of source versions in one or more depots. |
| <b>Reference</b>            | <a href="http://www.perforce.com/documentation/perforce_technical_documentation">http://www.perforce.com/documentation/perforce_technical_documentation</a>  |
| <b>Global ID</b>            | L7:486   |
| <b>ID</b>                   | 1415   |
| <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>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | client-server  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PERSONAL-LINK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | personal-link   |
| <b>Full Name</b>            | Personal Link   |
| <b>Description</b>          | Registered with IANA on port 281 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>            | L4:281  |
| <b>ID</b>                   | 1142  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 281   |
| TCP Port                    | 281   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# PFTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pftp  |
| <b>Full Name</b>            | PFTP  |
| <b>Description</b>          | Port File Transfer Program (PFTP) is a file transfer protocol that transfers files, directories and data from standard input to any host on the net running PFTP. |
| <b>Reference</b>            | <a href="http://www.pftp.de/">http://www.pftp.de/</a>   |
| <b>Global ID</b>            | L4:662  |
| <b>ID</b>                   | 570   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 662   |
| TCP Port                    | 662   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <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>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PGM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pgm   |
| <b>Full Name</b>            | PGM Reliable Transport Protocol   |
| <b>Description</b>          | Pragmatic General Multicast (PGM) is a reliable multicast transport protocol. PGM provides a reliable sequence of packets to multiple recipients simultaneously, making it suitable for applications like multi-receiver file-transfer. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc3208.txt">http://www.ietf.org/rfc/rfc3208.txt</a>   |
| <b>Global ID</b>            | L3:113  |
| <b>ID</b>                   | 867   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 113   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <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>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PHILIPS-VC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | philips-vc  |
| <b>Full Name</b>            | Philips Video-Conferencing  |
| <b>Description</b>          | Used by Philips Electronics in their video conferencing products. |
| <b>Reference</b>            | <a href="http://www.philips.com">http://www.philips.com</a>       |
| <b>Global ID</b>            | L4:583  |
| <b>ID</b>                   | 497   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 583   |
| TCP Port                    | 583   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | voice-video-chat-collaboration                                    |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PHONEBOOK

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | phonebook   |
| <b>Full Name</b>            | Phonebook   |
| <b>Description</b>          | Registered with IANA on port 767 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>            | L4:767  |
| <b>ID</b>                   | 638   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 767   |
| TCP Port                    | 767   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PHOTURIS

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | photuris   |
| <b>Full Name</b>            | Photuris   |
| <b>Description</b>          | Photuris is a session-key management protocol intended for use with the IP Security Protocols (AH and ESP). Photuris establishes short-lived session-keys between two parties, without passing the session-keys across the Internet. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc2522">http://tools.ietf.org/html/rfc2522</a>  |
| <b>Global ID</b>            | L4:468   |
| <b>ID</b>                   | 382  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 468  |
| TCP Port                    | 468  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | authentication-services  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PICASA

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | picasa  |
| <b>Full Name</b>            | Picasa  |
| <b>Description</b>          | Picasa is a photo sharing and editing website by Google.                          |
| <b>Reference</b>            | <a href="https://picasaweb.google.com/home">https://picasaweb.google.com/home</a> |
| <b>Global ID</b>            | L7:523  |
| <b>ID</b>                   | 1459  |
| <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>Category</b>             | social-networking   |
| <b>Sub Category</b>         | rich-media-http-content   |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | Yes   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | ssl,spdy  |

# PIM-RP-DISC

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pim-rp-disc   |
| <b>Full Name</b>            | PIM-RP-DISC   |
| <b>Description</b>          | Registered with IANA on port 496 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>            | L4:496  |
| <b>ID</b>                   | 410   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 496   |
| TCP Port                    | 496   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | routing-protocol  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PIM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pim  |
| <b>Full Name</b>            | Protocol Independent Multicast   |
| <b>Description</b>          | Protocol-Independent Multicast (PIM) is a family of multicast routing protocols for Internet Protocol (IP) networks that provide one-to-many and many-to-many distribution of data over a LAN, WAN or the Internet. It is termed protocol-independent because PIM does not include its own topology discovery mechanism, but instead uses routing information supplied by other traditional routing protocols. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc4601.txt">http://www.ietf.org/rfc/rfc4601.txt</a>  |
| <b>Global ID</b>            | L3:103   |
| <b>ID</b>                   | 857  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 103  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | layer3-over-ip   |
| <b>Sub Category</b>         | routing-protocol   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |



# PING

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | ping   |
| <b>Full Name</b>            | Ping   |
| <b>Description</b>          | Ping is a computer network administration utility used to test the reachability of a host on a network and to measure the round-trip time for messages sent from the host to the destination. Ping operates by sending ICMP echo request packets to the target host and waiting for an ICMP response. In the process it measures the round-trip time and records any packet loss. It prints a statistical summary when finished. Note that Ping will not classify any ICMP packet, only those used for echo. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc792">http://tools.ietf.org/html/rfc792</a>  |
| <b>Global ID</b>            | L7:479   |
| <b>ID</b>                   | 1404   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | No   |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | network-protocol   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PIP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pip   |
| <b>Full Name</b>            | pip   |
| <b>Description</b>          | Registered with IANA on port 1321 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>            | L4:1321   |
| <b>ID</b>                   | 883   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 1321  |
| TCP Port                    | 1321  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PIPE

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pipe   |
| <b>Full Name</b>            | Private IP Encapsulation within IP   |
| <b>Description</b>          | Private IP Encapsulation within IP (PIPE) is a protocol enabling the encapsulation of an IP packet within another IP packet. This method is used to change the routing of an IP packet by sending it through an intermediate destination that would not have been reached with the original packet's IP destination address. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/draft-petri-mobileip-pipe-00">http://tools.ietf.org/html/draft-petri-mobileip-pipe-00</a>  |
| <b>Global ID</b>            | L3:131   |
| <b>ID</b>                   | 1229   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 131  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | other  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PIRP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pirp   |
| <b>Full Name</b>            | pirp   |
| <b>Description</b>          | The Public Information Retrieval Protocol (PIRP) gives Internet hosts a simple, uniform, efficient, extensible, easily implemented method of publishing information. |
| <b>Reference</b>            | <a href="http://cr.yip.to/proto/pirp.txt">http://cr.yip.to/proto/pirp.txt</a>  |
| <b>Global ID</b>            | L4:553   |
| <b>ID</b>                   | 470  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 553  |
| TCP Port                    | 553  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | other  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

## PKIX-3-CA-RA

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pkix-3-ca-ra  |
| <b>Full Name</b>            | PKIX-3 CA/RA  |
| <b>Description</b>          | Registered with IANA on port 829 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>            | L4:829  |
| <b>ID</b>                   | 657   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 829   |
| TCP Port                    | 829   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PKIX-TIMESTAMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pkix-timestamp  |
| <b>Full Name</b>            | Time-Stamp Protocol   |
| <b>Description</b>          | The Time-Stamp Protocol (TSP, PKIX-TimeStamp) is a cryptographic protocol for certifying timestamps using X.509 certificates and public key infrastructure. The timestamp is the signer's assertion that a piece of electronic data existed at or before a particular time. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc3161">http://tools.ietf.org/html/rfc3161</a>   |
| <b>Global ID</b>            | L4:318  |
| <b>ID</b>                   | 1158  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 318   |
| TCP Port                    | 318   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PNNI

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pnni  |
| <b>Full Name</b>            | Private Network-to-Network Interface over IP  |
| <b>Description</b>          | Private Network-to-Network Interface (PNNI) is a suite of network protocols that can be used to discover an ATM network topology, create a database of topology information, and route calls over the discovered topology.                                      |
| <b>Reference</b>            | <a href="http://www.cisco.com/en/US/docs/switches/wan/mgx/mgx_8850/software/mgx_r5.2/data/pnni/network/planning/guide/pintro.html">http://www.cisco.com/en/US/docs/switches/wan/mgx/mgx_8850/software/mgx_r5.2/data/pnni/network/planning/guide/pintro.html</a> |
| <b>Global ID</b>            | L3:102  |
| <b>ID</b>                   | 856   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 102   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | layer3-over-ip  |
| <b>Sub Category</b>         | routing-protocol  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# POCO

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | poco   |
| <b>Full Name</b>            | poco   |
| <b>Description</b>          | Poco is a peer-to peer client popular in China. The protocol is based on GnucDNA library and uses Gnutella network architecture. Typically, Poco uses TCP port 5354 to download files, UDP ports 9099 9091 to login and chat respectively. |
| <b>Reference</b>            | <a href="http://www.poco.cn/">http://www.poco.cn/</a>  |
| <b>Global ID</b>            | L7:424   |
| <b>ID</b>                   | 700  |
| <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>Category</b>             | file-sharing   |
| <b>Sub Category</b>         | rich-media-http-content  |
| <b>P2P Technology</b>       | Yes  |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |



# POP2

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pop2   |
| <b>Full Name</b>            | Post Office Protocol - Version 2   |
| <b>Description</b>          | Post Office Protocol Version 2 (POP2) enables a user's workstation to access mail from a mailbox server. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc937">http://tools.ietf.org/html/rfc937</a>                        |
| <b>Global ID</b>            | L4:109   |
| <b>ID</b>                   | 980  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 109  |
| TCP Port                    | 109  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | email  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# POP3

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pop3   |
| <b>Full Name</b>            | Post Office Protocol 3   |
| <b>Description</b>          | Post Office Protocol 3 is an application-layer Internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection. POP3 usually uses TCP port 995. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1939.txt">http://www.ietf.org/rfc/rfc1939.txt</a>  |
| <b>Global ID</b>            | L4:110   |
| <b>ID</b>                   | 33   |
| <b>Known Mappings</b>       |  |
| UDP Port                    |  |
| TCP Port                    | 110  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | pop3-group   |
| <b>Category</b>             | email  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# POSTGRESQL

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | postgresql  |
| <b>Full Name</b>            | postgresql  |
| <b>Description</b>          | PostgreSQL is an object-relational database management system (ORDBMS) available for many platforms including Linux, FreeBSD, Solaris, Microsoft Windows and Mac OS X. It is a free and open source software. |
| <b>Reference</b>            | <a href="http://www.postgresql.org/">http://www.postgresql.org/</a>   |
| <b>Global ID</b>            | L4:5432   |
| <b>ID</b>                   | 1361  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 5432  |
| TCP Port                    | 5432  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | database  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

## POV-RAY

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pov-ray  |
| <b>Full Name</b>            | Persistence of Vision Raytracer  |
| <b>Description</b>          | Persistence of Vision Raytracer (POV-Ray) is a ray tracing program available for a variety of computer platforms. It was originally based on DKBTrace. There are also influences from the earlier Polyray raytracer. POV-Ray is freeware with the source code available. |
| <b>Reference</b>            | <a href="http://www.povray.org/">http://www.povray.org/</a>  |
| <b>Global ID</b>            | L4:494   |
| <b>ID</b>                   | 408  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 494  |
| TCP Port                    | 494  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | other  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# POWERBURST

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | powerburst  |
| <b>Full Name</b>            | Air Soft Power Burst  |
| <b>Description</b>          | Registered with IANA on port 485 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>            | L4:485  |
| <b>ID</b>                   | 399   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 485   |
| TCP Port                    | 485   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PPSTREAM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ppstream  |
| <b>Full Name</b>            | PPstream  |
| <b>Description</b>          | PPStream is a Chinese peer-to-peer (P2P) streaming video network software that broadcasts TV programs to broadband users. Compared to traditional stream media, PPStream adopts P2P streaming technology and supports full-scale visits with tens of thousands of users online. |
| <b>Reference</b>            | <a href="http://www.pps.tv/en/">http://www.pps.tv/en/</a>   |
| <b>Global ID</b>            | L7:423  |
| <b>ID</b>                   | 698   |
| <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>Category</b>             | voice-and-video   |
| <b>Sub Category</b>         | streaming   |
| <b>P2P Technology</b>       | Yes   |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | http  |

# PPTP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pptp  |
| <b>Full Name</b>            | Point-to-Point Tunneling Protocol   |
| <b>Description</b>          | Point-to-Point Tunneling Protocol (PPTP) uses a control channel over TCP and a GRE (Generic Routing Encapsulation) tunnel operating to encapsulate PPP packets. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc2637.txt">http://www.ietf.org/rfc/rfc2637.txt</a>   |
| <b>Global ID</b>            | L4:1723   |
| <b>ID</b>                   | 35  |
| <b>Known Mappings</b>       |   |
| UDP Port                    |   |
| TCP Port                    | 1723  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | internet-privacy  |
| <b>Sub Category</b>         | tunneling-protocols   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Tunnel</b>               | Yes   |
| <b>Underlying Protocols</b> | -   |

# PRINT-SRV

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | print-srv  |
| <b>Full Name</b>            | Adobe PostScript   |
| <b>Description</b>          | Adobe PostScript is the worldwide printing and imaging standard. Used by print service providers, publishers, corporations, and government agencies around the globe |
| <b>Reference</b>            | <a href="http://www.adobe.com/products/postscript/">http://www.adobe.com/products/postscript/</a>  |
| <b>Global ID</b>            | L4:170   |
| <b>ID</b>                   | 1015   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 170  |
| TCP Port                    | 170  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | business-and-productivity-tools  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |



# PRINTER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | printer   |
| <b>Full Name</b>            | Line Printer Daemon Protocol  |
| <b>Description</b>          | Line Printer Daemon protocol (LPD) or Line Printer Remote protocol (LPR) is a network protocol for submitting print jobs to a remote printer. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc1179.txt">http://www.ietf.org/rfc/rfc1179.txt</a>   |
| <b>Global ID</b>            | L4:515  |
| <b>ID</b>                   | 46  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 515   |
| TCP Port                    | 515   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

## PRM-NM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | prm-nm   |
| <b>Full Name</b>            | Prospero Resource Manager Node Man.  |
| <b>Description</b>          | The Prospero Resource Manager (PRM) is a scalable resource allocation system that supports the allocation of processing resources in large networks and on multiprocessor systems. |
| <b>Reference</b>            | <a href="http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776">http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776</a>                                      |
| <b>Global ID</b>            | L4:409   |
| <b>ID</b>                   | 324  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 409  |
| TCP Port                    | 409  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | prm-group  |
| <b>Category</b>             | industrial-protocols   |
| <b>Sub Category</b>         | control-and-signaling  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PRM-SM

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | prm-sm   |
| <b>Full Name</b>            | Prospero Resource Manager Sys. Man   |
| <b>Description</b>          | The Prospero Resource Manager (PRM) presents a uniform and scalable model for scheduling tasks in parallel and distributed systems. PRM provides the mechanisms through which nodes on multiprocessors can be allocated to jobs running within an extremely large distributed system. The system manager is one (out of three) type of managers that manages the full set of resources that exist in a system. |
| <b>Reference</b>            | <a href="http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps">http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps</a>  |
| <b>Global ID</b>            | L4:408   |
| <b>ID</b>                   | 323  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 408  |
| TCP Port                    | 408  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | prm-group  |
| <b>Category</b>             | industrial-protocols   |
| <b>Sub Category</b>         | control-and-signaling  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PRM

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | prm   |
| <b>Full Name</b>            | Packet Radio Measurement  |
| <b>Description</b>          | Registered with IANA as IP Protocol 21  |
| <b>Reference</b>            | <a href="http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml">http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml</a> |
| <b>Global ID</b>            | L3:21   |
| <b>ID</b>                   | 775   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | -   |
| TCP Port                    | -   |
| IP Protocol                 | 21  |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <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>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PROFILE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | profile   |
| <b>Full Name</b>            | Profile Naming System   |
| <b>Description</b>          | Registered with IANA on port 136 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>            | L4:136  |
| <b>ID</b>                   | 923   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 136   |
| TCP Port                    | 136   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PROSPERO

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | prospero   |
| <b>Full Name</b>            | Prospero Directory Service   |
| <b>Description</b>          | The Prospero System is a collection of protocols and embedded software providing distributed directory services, file access services, naming etc. |
| <b>Reference</b>            | <a href="http://www.prospero.org/">http://www.prospero.org/</a>  |
| <b>Global ID</b>            | L4:191   |
| <b>ID</b>                   | 1035   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 191  |
| TCP Port                    | 191  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | database   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PSRSERVER

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | psrserver   |
| <b>Full Name</b>            | Pharos psrserver  |
| <b>Description</b>          | Registered with IANA on port 2351 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>            | L4:2351   |
| <b>ID</b>                   | 1360  |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 2351  |
| TCP Port                    | 2351  |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | business-and-productivity-tools   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PTCNAMESERVICE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | ptcnameservice  |
| <b>Full Name</b>            | PTC Name Service  |
| <b>Description</b>          | PTC Name Service is a protocol used by Parametric Technology Corporation (PTC) in their products. |
| <b>Reference</b>            | <a href="http://www.ptc.com">http://www.ptc.com</a>   |
| <b>Global ID</b>            | L4:597  |
| <b>ID</b>                   | 511   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 597   |
| TCP Port                    | 597   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |



# PTP-EVENT

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | ptp-event  |
| <b>Full Name</b>            | Precision Time Protocol Event  |
| <b>Description</b>          | The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems. |
| <b>Reference</b>            | <a href="http://www.nist.gov/el/isd/ieee/ieee1588.cfm">http://www.nist.gov/el/isd/ieee/ieee1588.cfm</a>  |
| <b>Global ID</b>            | L4:319   |
| <b>ID</b>                   | 1159   |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 319  |
| TCP Port                    | 319  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | net-admin  |
| <b>Sub Category</b>         | network-management   |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

## PTP-GENERAL

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | ptp-general  |
| <b>Full Name</b>            | PTP General  |
| <b>Description</b>          | The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems. |
| <b>Reference</b>            | <a href="http://www.nist.gov/el/isd/ieee/ieee1588.cfm">http://www.nist.gov/el/isd/ieee/ieee1588.cfm</a>  |
| <b>Global ID</b>            | L4:320   |
| <b>ID</b>                   | 884  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | 320  |
| TCP Port                    | 320  |
| IP Protocol                 | -  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <b>Application Group</b>    | other  |
| <b>Category</b>             | other  |
| <b>Sub Category</b>         | other  |
| <b>P2P Technology</b>       | No   |
| <b>Encrypted</b>            | No   |
| <b>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PTP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | ptp  |
| <b>Full Name</b>            | Performance Transparency Protocol  |
| <b>Description</b>          | Performance Transparency Protocol (PTP) is a means to efficiently retrieve performance related information from a path of routers between the sender and the receiver. For example, a single PTP packet could be used to determine the bottleneck bandwidth along such a path. |
| <b>Reference</b>            | <a href="http://heim.ifi.uio.no/michawe/research/projects/ptp/">http://heim.ifi.uio.no/michawe/research/projects/ptp/</a>  |
| <b>Global ID</b>            | L3:123   |
| <b>ID</b>                   | 877  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 123  |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <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>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PUMP

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pump  |
| <b>Full Name</b>            | pump  |
| <b>Description</b>          | Registered with IANA on port 751 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>            | L4:751  |
| <b>ID</b>                   | 626   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 751   |
| TCP Port                    | 751   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | other   |
| <b>Sub Category</b>         | other   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PUP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pup  |
| <b>Full Name</b>            | PARC Universal Packet  |
| <b>Description</b>          | The PARC Universal Packet was one of the two earliest internetwork protocol suites and was created by researchers at Xerox PARC in the mid-1970s. The entire suite provided routing and packet delivery, as well as higher level functions such as a reliable byte stream, along with numerous applications. |
| <b>Reference</b>            | <a href="http://en.wikipedia.org/wiki/PARC_Universal_Packet">http://en.wikipedia.org/wiki/PARC_Universal_Packet</a>  |
| <b>Global ID</b>            | L3:12  |
| <b>ID</b>                   | 767  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 12   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <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>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PURENOISE

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | purenoise   |
| <b>Full Name</b>            | PureNoise   |
| <b>Description</b>          | Registered with IANA on port 663 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>            | L4:663  |
| <b>ID</b>                   | 571   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 663   |
| TCP Port                    | 663   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | terminal  |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | Yes   |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |

# PVP

|                             |  |
|-----------------------------|--|
| <b>Name/CLI Keyword</b>     | pvp  |
| <b>Full Name</b>            | Packet Video Protocol  |
| <b>Description</b>          | The Packet Video Protocol (PVP) is a set of extensions to the Network Voice Protocol (NVP-II) and consists mostly of a data protocol for transmission of video data. No specific changes to the NVP-II protocol are necessary for the PVP. |
| <b>Reference</b>            | <a href="http://tools.ietf.org/html/rfc1453">http://tools.ietf.org/html/rfc1453</a>  |
| <b>Global ID</b>            | L3:75  |
| <b>ID</b>                   | 829  |
| <b>Known Mappings</b>       |  |
| UDP Port                    | -  |
| TCP Port                    | -  |
| IP Protocol                 | 75   |
| <b>IP Version</b>           |  |
| IPv4 Support                | Yes  |
| IPv6 Support                | Yes  |
| <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>Tunnel</b>               | No   |
| <b>Underlying Protocols</b> | -  |

# PWDGEN

|                             |   |
|-----------------------------|---|
| <b>Name/CLI Keyword</b>     | pwdgen  |
| <b>Full Name</b>            | Password Generator Protocol   |
| <b>Description</b>          | The PWDGEN Service provides a set of six randomly generated eight-character CRLF-delimited "words" with a reasonable level of pronounceability, using a multi-level algorithm. An implementation of the algorithm is available in FORTRAN-77 for examination and possible implementation by system administrators only. |
| <b>Reference</b>            | <a href="http://www.ietf.org/rfc/rfc0972.txt">http://www.ietf.org/rfc/rfc0972.txt</a>   |
| <b>Global ID</b>            | L4:129  |
| <b>ID</b>                   | 998   |
| <b>Known Mappings</b>       |   |
| UDP Port                    | 129   |
| TCP Port                    | 129   |
| IP Protocol                 | -   |
| <b>IP Version</b>           |   |
| IPv4 Support                | Yes   |
| IPv6 Support                | Yes   |
| <b>Application Group</b>    | other   |
| <b>Category</b>             | net-admin   |
| <b>Sub Category</b>         | authentication-services   |
| <b>P2P Technology</b>       | No  |
| <b>Encrypted</b>            | No  |
| <b>Tunnel</b>               | No  |
| <b>Underlying Protocols</b> | -   |