

Comments on the definition of the Internet and the importance of distinguishing the Net from cable TV, and from lower level signal transport systems, after the FTC Workshop of 13 and 14 February 2007 on Network Neutrality

I am Jay Sulzberger. I am a working member of New Yorkers for Fair Use, and I attended the 13-14 February 2007 FTC Workshop on Network Neutrality. This comment is not an official statement of New Yorkers for Fair Use.

The full name of the FTC workshop on 13 and 14 February 2007 included the phrase "broadband competition". At the workshop, most of the discussions failed to address the real issue of Network Neutrality because no correct definition of the Net was presented.

Internet packets may be carried over slow communications links or over fast links. Most week days I use several different connections to the Net. Some days I use a dialup connection, which is much slower than the connection over lines owned by the Cable Company, or by the City of New York. But no matter whether I use slow lines or fast lines, I use the Net for private, for tribal, for business, and for public communications. And I use the Net in freedom. And some days I watch cable TV.

Now cable TV is not the Internet, but most speakers at the FTC's workshop spoke of the Net in ways that treated it as if it were just a form of interactive TV, with some extra special services bundled with interactive TV, "web viewing", email, and doubtfully, voice over IP.

Questions around building another, perhaps several other, cable TV networks, are not part of the issue of Network Neutrality, because the Net is not TV of any kind.

Use of the word "broadband" to mean both the Net and cable TV helps perpetuate the fundamental confusion.

We now state explicitly the main implicit error which underlies the FTC's present failure to engage with the issue of Network Neutrality:

Main Implicit Error: The Internet is not some bundle of services delivered by the Telephone Company and/or the Cable Company.

The Net is difficult to understand unless you work with it productively to develop applications and therefore already know what it is; and in that case, it is still difficult to convey what the Net is, because some history and background information, is needed to grasp how different the Net is from cable TV.

I admit that many people who today visit web sites and do email do not clearly understand what the Net is. But certainly the FTC should clearly understand what the Net is.

When ranting on the topic of the Net in years past, I have often claimed that one can explain the Net without knowing anything of

matters denominated in the popular press as "technical". After the workshop, I now think that complete ignorance can impede understanding of the Net. One speaker at the workshop who spoke against Net Neutrality had never heard of a port. It is likely that part of his, and others, opposition to Net Neutrality is due to simple ignorance.

We distinguish several faces of the Net.

First let us define what the Net is for a user of the Net. This face of the Net is simple to explain. But the explanation may, at first, be hard to understand, not because of subtleties, but rather just the opposite, because of the simplicity and the extremity of the defining principles.

If you do not know what a port is, then likely you implicitly assume that the Duopoly invented the Net and gave us the World Wide Web, email, videos over the Net, massive virtual worlds/games, etc.. So, what is a port? For a good introduction to ports, see

http://en.wikipedia.org/wiki/TCP_and_UDP_port
http://en.wikipedia.org/wiki/List_of_TCP_and_UDP_port_numbers

Consider me sitting in front of my computer. My computer is connected to the Net. My computer has an Internet address, say 192.0.34.166. Every computer connected to the Net has such an address. (For now, the question of how long the hardware keeps the same address, and who decides the address, how other computers figure out the address, etc. are all irrelevant.)

Important point: We assume in this explanation that I am in full control of my computer.

Now I issue, as root, this command to my computer

```
nmap -sT -O localhost
```

and I get back:

```
Starting Nmap 4.11 ( http://www.insecure.org/nmap/ ) at 2007-02-26 19:25 EST
Interesting ports on localhost.localdomain (127.0.0.1):
Not shown: 1656 closed ports
PORT      STATE SERVICE
1/tcp    open  tcpmux
11/tcp   open  systat
15/tcp   open  netstat
25/tcp   open  smtp
79/tcp   open  finger
111/tcp  open  rpcbind
119/tcp  open  nntp
143/tcp  open  imap
540/tcp  open  uucp
635/tcp  open  unknown
993/tcp  open  imaps
```

```
1080/tcp open socks
1524/tcp open ingreslock
2000/tcp open callbook
6667/tcp open irc
12345/tcp open NetBus
12346/tcp open NetBus
27665/tcp open Trinoo_Master
31337/tcp open Elite
32771/tcp open sometimes-rpc5
32772/tcp open sometimes-rpc7
32773/tcp open sometimes-rpc9
32774/tcp open sometimes-rpc11
54320/tcp open bo2k
Device type: general purpose
Running: Linux 2.4.X|2.5.X|2.6.X
OS details: Linux 2.5.25 - 2.6.8 or Gentoo 1.2 Linux 2.4.19 rc1-rc7, Linux
2.6.3 - 2.6.10
Uptime 8.412 days (since Sun Feb 18 09:32:55 2007)
```

Nmap finished: 1 IP address (1 host up) scanned in 2.184 seconds

Ports, in the jargon of Internet engineers, are entrances and/or exits of my computer. They are entrances/exits for data. nmap is a program which knocks on every port of the specified computer. The knocks are delivered over the Net, that is, nmap is an Internet application. I specified in my command that nmap knock on the ports of my computer, here called "localhost". (Irrelevant detail: from the vantage of my computer itself, my computer has by convention, sometimes, the Internet address 127.0.0.1.) nmap reports back which ports are open to incoming connections, that is, which ports will accept data coming in. nmap may be used to knock on the ports of any computer on the Net, even though in this example, I instructed nmap to only check my own computer.

The three columns of the first part of the data returned by nmap are:

1. the port, given by a number and what sort of data packets the port sends/receives
2. the state of the port
3. what service the people who built and run the Net have agreed should usually be listening at the port

The next part of the information returned by nmap, that is,

```
Device type: general purpose
Running: Linux 2.4.X|2.5.X|2.6.X
OS details: Linux 2.5.25 - 2.6.8 or Gentoo 1.2 Linux 2.4.19 rc1-rc7, Linux
2.6.3 - 2.6.10
Uptime 8.412 days (since Sun Feb 18 09:32:55 2007)
```

is nmap's guess as to what sort of computer system nmap knocked on. The guess is that my computer is a general purpose computer running some version of the GNU/Linux operating system, and that it has been up "8.412 days". (The uptime is not correct. nmap is not infallible.)

Finally nmap tells what it did:

```
Nmap finished: 1 IP address (1 host up) scanned in 2.184 seconds
```

The information returned by nmap helps to show us what the Net is. My machine is connected to the Net. My machine has an address which allows other machines on the Net to send data to my machine in order, perhaps, to start two streams of data flowing between the two machines. Suppose that you also have before you a computer connected to the Net. Again, we assume that you have full control of your box.

We now present a well known, popular, and paradigmatic, use of the Internet:

You might have opened port 80 on your box, and placed a program called an "http daemon", say Apache, to listen for incoming requests on port 80. I might start a Web browser, say Firefox, on my machine and tell my browser to ask for a web page on your machine. Firefox would now knock on port 80 on your machine, and request the page.

This is the mechanism by which web pages are delivered. Between your machine and mine lies the Net. Today, within the Net, there is no third party wiretapping our communication. There is no third party attempting to determine the value of our conversation to us, in order to charge us extra for valuable conversations. There is no third party examining our conversation in order to silence us if we say things the wiretapper's boss finds unpleasant.

I should have said "In the best circumstances, there is no ..." because, if your machine were in the United States, and mine in China, and if our conversation were to include mention of movements not favored by the government of China, then China might act to stop our conversation. And if your machine were in the United States and your "Internet Service Provider" refused to pass that first packet to port 80 on your machine, then our conversation could not even get started. The policy of refusing that first packet to port 80 is often called the "no servers allowed" rule. Both interferences result in something that is not the full and true Internet.

Let us list two other uses of the Net:

1. You might want to send me some email. By convention, usually port 25 is used for email. If I choose to get email by the usual means, I must open port 25, and place a "mail transport agent", say exim, listening on the port. But we both might want to send email back and forth by other means. In that case, you and I might have agreed before hand to use another port, or set of ports, and we might have agreed on some other protocol for delivery of email. We are free to make our own arrangements, without asking permission of any third party.

2. Assume you are a master sysadmin and an old friend. I might be having trouble with my computer, and I might ask you, by telephone say, to come into my box and have a look around in order to help me. We might have agreed that you would come in via "secure shell", that

is, ssh. By convention, the usual port for ssh is port 22, and when I have opened up port 22, and set the ssh daemon listening, and granted you certain privileges on my system, you may run ssh on your box, ssh will open a connection to my box and you may now log in to my box. But we might, for some reason, choose not to use ssh and port 22. In that case, you and I might have agreed before hand to use another port, or set of ports, and we might have agreed on some other protocol by which you can log into my machine. We are free to make our own arrangements, without asking permission of any third party.

Here is the definition of the Internet. The definition comes in three parts.

1. My machine and yours stand equal as peers, in the sense that my or your machine can initiate, or attempt to initiate a conversation, without interference by third parties. And my machine or yours can accept such an invitation to converse, without interference by third parties. Naturally if your machine attempts to make a connection and my machine refuses, this is still the Net. But, up to bugs, communication occurs, or fails, by agreement, or disagreement, between you and me, as long as we have paid our ISPs.

2. If you and I agree on a protocol, and agree on a port, or ports, for our data streams to travel over, and we write, or otherwise obtain, two programs that use the protocol, we may set our programs running on our boxes, and we may communicate using the protocol we have together freely chosen, without interference by third parties. In particular, we are free to invent new protocols, and to write programs using the new protocols, and to set these programs running over the Net.

3. About one billion machines are connected and use the freely agreed on protocols that enable our conversations to be transported by the wires, fibers, through the routers, over the air, via satellites, carrier pigeons. And it all works because many people and companies and governments have built the pieces and connected them so that it does work to make possible the extraordinarily flexible and free communication specified in 1 and 2. The main underlying protocol of the Net is TCP/IP. Note that there are other networks which use the TCP/IP protocol, but are not the Net, because they do not allow on the order of one billion people to freely connect with each other with complete flexibility in their manner of communication, that is, in the protocols running atop TCP/IP. For example, various variants of cable TV may be delivered using the TCP/IP protocol. But such a cable TV network is not part of the Net.

Now we come face to face with the Main Error. If the Net were some bundle of services provided by the Duopoly, and perhaps, in future, by some other companies, then none of these defining conditions of the Net could be met. In order to be brief, we shall only explain why condition 2 would fail, if the Duopoly ran the Net:

- ad 2. If the Duopoly provided the Net, then surely you and I could not design and deploy and use a new protocol without either working for the Duopoly, or negotiating with the Duopoly some arrangement by which

the Duopoly would support the protocol. But this is exactly not how the Net was built. We adduce here a wonderful document, called the "port numbers", which may be found at the website of the IANA, the Internet Assigned Numbers Authority:

<http://www.iana.org/assignments/port-numbers>

We append one version of this list, it is on occasion updated, as Document IANA-port-numbers below.

Let us look at some lines from the list of ports:

| Keyword | Decimal | Description | References |
|-------------|---------|---|------------|
| ----- | ----- | ----- | ----- |
| | 0/tcp | Reserved | |
| | 0/udp | Reserved | |
| # | | Jon Postel <postel@isi.edu> | |
| tcpmux | 1/tcp | TCP Port Service Multiplexer | |
| tcpmux | 1/udp | TCP Port Service Multiplexer | |
| # | | Mark Lottor <MKL@nisc.sri.com> | |
| compressnet | 2/tcp | Management Utility | |
| compressnet | 2/udp | Management Utility | |
| compressnet | 3/tcp | Compression Process | |
| compressnet | 3/udp | Compression Process | |
| # | | Bernie Volz <volz@cisco.com> | |
| # | 4/tcp | Unassigned | |
| # | 4/udp | Unassigned | |
| rje | 5/tcp | Remote Job Entry | |
| rje | 5/udp | Remote Job Entry | |
| # | | Jon Postel <postel@isi.edu> | |
| # | 6/tcp | Unassigned | |
| # | 6/udp | Unassigned | |
| echo | 7/tcp | Echo | |
| echo | 7/udp | Echo | |
| # | | Jon Postel <postel@isi.edu> | |
| # | 8/tcp | Unassigned | |
| # | 8/udp | Unassigned | |
| discard | 9/tcp | Discard | |
| discard | 9/udp | Discard | |
| # | | Jon Postel <postel@isi.edu> | |
| discard | 9/dccp | Discard SC:DISC | |
| # | | IETF dccp WG, Eddie Kohler <kohler@cs.ucla.edu>, [RFC4340] | |
| # | 10/tcp | Unassigned | |
| # | 10/udp | Unassigned | |
| systat | 11/tcp | Active Users | |
| systat | 11/udp | Active Users | |
| # | | Jon Postel <postel@isi.edu> | |
| # | 12/tcp | Unassigned | |
| # | 12/udp | Unassigned | |
| daytime | 13/tcp | Daytime (RFC 867) | |
| daytime | 13/udp | Daytime (RFC 867) | |
| # | | Jon Postel <postel@isi.edu> | |
| # | 14/tcp | Unassigned | |
| # | 14/udp | Unassigned | |
| # | 15/tcp | Unassigned [was netstat] | |

| | | |
|----------|--------|-----------------------------------|
| # | 15/udp | Unassigned |
| # | 16/tcp | Unassigned |
| # | 16/udp | Unassigned |
| qotd | 17/tcp | Quote of the Day |
| qotd | 17/udp | Quote of the Day |
| # | | Jon Postel <postel@isi.edu> |
| misp | 18/tcp | Message Send Protocol |
| misp | 18/udp | Message Send Protocol |
| # | | Rina Nethaniel <----none----> |
| chargen | 19/tcp | Character Generator |
| chargen | 19/udp | Character Generator |
| ftp-data | 20/tcp | File Transfer [Default Data] |
| ftp-data | 20/udp | File Transfer [Default Data] |
| ftp | 21/tcp | File Transfer [Control] |
| ftp | 21/udp | File Transfer [Control] |
| # | | Jon Postel <postel@isi.edu> |
| ssh | 22/tcp | SSH Remote Login Protocol |
| ssh | 22/udp | SSH Remote Login Protocol |
| # | | Tatu Ylonen <ylo@cs.hut.fi> |
| telnet | 23/tcp | Telnet |
| telnet | 23/udp | Telnet |
| # | | Jon Postel <postel@isi.edu> |
| | 24/tcp | any private mail system |
| | 24/udp | any private mail system |
| # | | Rick Adams <rick@UUNET.UU.NET> |
| smtp | 25/tcp | Simple Mail Transfer |
| smtp | 25/udp | Simple Mail Transfer |
| # | | Jon Postel <postel@isi.edu> |
| # | 26/tcp | Unassigned |
| # | 26/udp | Unassigned |
| nsw-fe | 27/tcp | NSW User System FE |
| nsw-fe | 27/udp | NSW User System FE |
| # | | Robert Thomas <BThomas@F.BBN.COM> |
| # | 28/tcp | Unassigned |
| # | 28/udp | Unassigned |
| msg-icp | 29/tcp | MSG ICP |
| msg-icp | 29/udp | MSG ICP |
| # | | Robert Thomas <BThomas@F.BBN.COM> |
| # | 30/tcp | Unassigned |
| # | 30/udp | Unassigned |
| msg-auth | 31/tcp | MSG Authentication |
| msg-auth | 31/udp | MSG Authentication |
| # | | Robert Thomas <BThomas@F.BBN.COM> |
| # | 32/tcp | Unassigned |
| # | 32/udp | Unassigned |
| dsp | 33/tcp | Display Support Protocol |
| dsp | 33/udp | Display Support Protocol |
| # | | Ed Cain <cain@edn-unix.dca.mil> |
| # | 34/tcp | Unassigned |
| # | 34/udp | Unassigned |
| | 35/tcp | any private printer server |
| | 35/udp | any private printer server |
| # | | Jon Postel <postel@isi.edu> |
| # | 36/tcp | Unassigned |
| # | 36/udp | Unassigned |
| time | 37/tcp | Time |
| time | 37/udp | Time |

```

#                Jon Postel <postel@isi.edu>
rap              38/tcp    Route Access Protocol
rap              38/udp    Route Access Protocol
#                Robert Ullmann <ariel@world.std.com>
rlp              39/tcp    Resource Location Protocol
rlp              39/udp    Resource Location Protocol
#                Mike Accetta <MIKE.ACSETTA@CMU-CS-A.EDU>
#                Unassigned
#                Unassigned
graphics         41/tcp    Graphics
graphics         41/udp    Graphics
name             42/tcp    Host Name Server
name             42/udp    Host Name Server
nameserver       42/tcp    Host Name Server
nameserver       42/udp    Host Name Server
nicname          43/tcp    Who Is
nicname          43/udp    Who Is
mpm-flags        44/tcp    MPM FLAGS Protocol
mpm-flags        44/udp    MPM FLAGS Protocol
mpm              45/tcp    Message Processing Module [recv]
mpm              45/udp    Message Processing Module [recv]
mpm-snd          46/tcp    MPM [default send]
mpm-snd          46/udp    MPM [default send]
#                Jon Postel <postel@isi.edu>
ni-ftp           47/tcp    NI FTP
ni-ftp           47/udp    NI FTP
#                Steve Kille <S.Kille@isode.com>
auditd           48/tcp    Digital Audit Daemon
auditd           48/udp    Digital Audit Daemon
#                Larry Scott <scott@zk3.dec.com>
tacacs           49/tcp    Login Host Protocol (TACACS)

```

The point here: None of the standard Net services listed above are services provided by the Duopoly to telephone customers or cable TV customers. If you look at the whole list below, we believe you will agree that these services are not offered by either the Telephone Company nor by the Cable Company.

Example of a Net service: Consider port 17/tcp. The people who built, and today, build and run the Net, have freely agreed, without coercion, without payments, without contracts, to use port 17/tcp for the Net application called qotd, which means "quote of the day". For information about qotd see

<http://en.wikipedia.org/wiki/QOTD>

qotd is a very simple protocol/Net application. Here is an example of its use. I issue the command

```
telnet ota.iambic.com 17
```

and I get back

```
Trying 64.124.71.12...
Connected to ota.iambic.com.
Escape character is '^]'.

```


A good leader is a person who takes a little more than his share of the blame and a little less than his share of the credit | John C. Maxwell
Connection closed by foreign host.

Again I issue the command:

```
telnet ota.iambic.com 17
```

This time I get back:

```
Trying 64.124.71.12...  
Connected to ota.iambic.com.  
Escape character is '^]'.  
If you have a procedure with 10 parameters, you probably missed some. | Alan J.  
Perlis  
Connection closed by foreign host.
```

So we see that, likely, on port 17/tcp of the machine with Internet address 64.124.71.12, there is a qotd daemon running, which, in accordance with protocol, when we ask it, hands us a random quote of the day.

Now we adduce another document, the RFC for qotd. An Internet RFC, or request for comment, is a document which describes a protocol (or another useful standard thing) for use on the Net. The RFC for quote of the day has number 865, and may be found at

<http://tools.ietf.org/html/rfc865>

RFC 865 is short, as RFCs go. Here is the whole document:

Network Working Group
Request for Comments: 865

J. Postel
ISI
May 1983

Quote of the Day Protocol

This RFC specifies a standard for the ARPA Internet community. Hosts on the ARPA Internet that choose to implement a Quote of the Day Protocol are expected to adopt and implement this standard.

A useful debugging and measurement tool is a quote of the day service. A quote of the day service simply sends a short message without regard to the input.

TCP Based Character Generator Service

One quote of the day service is defined as a connection based application on TCP. A server listens for TCP connections on TCP port 17. Once a connection is established a short message is sent out the connection (and any data received is thrown away). The service closes the connection after sending the quote.

UDP Based Character Generator Service

Another quote of the day service is defined as a datagram based application on UDP. A server listens for UDP datagrams on UDP port 17. When a datagram is received, an answering datagram is sent containing a quote (the data in the received datagram is ignored).

Quote Syntax

There is no specific syntax for the quote. It is recommended that it be limited to the ASCII printing characters, space, carriage return, and line feed. The quote may be just one or up to several lines, but it should be less than 512 characters.

Postel

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The Internet Engineering Task Force, or, in this case, perhaps a predecessor body, met and agreed that there was good reason to have such a standard protocol, and so this RFC was adopted. The working group that dealt with this RFC did not have to negotiate with the Duopoly a place for this protocol. Nor did the Duopoly have to consider pricing for delivery of qotd packet streams, nor whether, nor how, to introduce this new service to its customers, nor what regulatory bodies would have to approve the introduction of this new service, nor how this protocol should be dealt with by the Duopoly's hardware and software, etc.. None of these burdens attended the birth of the quote of the day protocol. None of these burdens today weigh down the deployment of the qotd service, none of these burdens weighed me down when I used the service a few minutes ago, and none of these burdens bore upon the owner of ota.iambic.com, when the owner started his qotd daemon running.

We shall not discuss how RFCs are created. Except to remark the central fact that the Duopoly has no direct business interest in the writing, nor adoption of any RFC. But if the Main Error were not an error, but a truth, then of course, the Duopoly would set its own standards, and create its own services, in the interest of, at least according to a now popular religious sect, stockholders in the Duopoly. But, of course, that is not how the Net was built. Rather the builders of the Net bought delivery of data, no better, signal, at the best price they could get, and they built the Net on top of the delivery of signal. There are over 5000 adopted RFCs, all hacked out without oversight of the Duopoly and without oversight of the FTC, nor of the FCC. We who think the Net we have is worth keeping, think that the radical freedom of association, with near zero external imposed frictions, is worth defending, because this is how we built the Net.

Again, we note at this point that the Duopoly never invented anything like the Net. But, under the rules of common carriage, and under contractual obligations to deliver signal, the Net was built, in freedom, atop the signal carriers' faithful carriage of signal.

Those who are for Network Neutrality are not for regulation of the Net. We are for freedom of the Net. Without freedom to design, and freely use, new services and protocols and applications, there is no Net. This same freedom makes possible the setting of standards, that is, agreement on RFCs and adoption of RFCs.

We mention here a few of the applications/services/protocols which run on the Net: email, the World Wide Web, various voips, various vpns, ssh, usenet, rsync, cvs, apt-get, BitTorrent, ntp, ostiary, etc.. The IANA list of ports shows just how many services have been invented and, in measure, widely adopted. Of course, one also has services and protocols which are unlikely ever to be widely adopted. For example, Ed Felten and Alex Halderman's TinyP2P, which may be found at

<http://www.freedom-to-tinker.com/tinyp2p.html>

was written to demonstrate how easy it is to write a "P2P file sharing" program. The program is less than one page of Python. This program demonstrates something larger and more important: it shows us the freedom and power of the Net. The program works, and perhaps some folks are using it today. But clearly the Duopoly is not today offering "Felten-Halderman TinyP2P" service. Nor does the Duopoly today have the practical means, nor the legal right, to suppress

- a. the writing of the program
- b. distribution of the program
- c. installation of the program
- d. use of the program

Well, my claim as to lack of legal right, is unfortunately, not entirely right today. If the Duopoly is providing signal transport at high speed for delivery of Net packet streams, then indeed the Duopoly might today have the legal power to suppress use of the program, due to the FCC's denomination of certain higher speed signal transports as "information services". Signal transport is not an "information service".

Recommendation: Before considering any action on Network Neutrality the FTC should hold another workshop to help the FTC grasp what the Net is today. Necessarily this workshop will require some examination of the history of the Net. The Internet Society should be invited to participate at this workshop, and some designers of the Net we have today should be invited to speak.

Recommended Reading:

<http://en.wikipedia.org/wiki/Internet>
http://en.wikipedia.org/wiki/History_of_the_Internet
http://en.wikipedia.org/wiki/Internet_protocol_suite
http://en.wikipedia.org/wiki/Internet_Engineering_Task_Force
http://en.wikipedia.org/wiki/Internet_Society

As usual with the Wikipedia, these articles may be unreliable, because vandals, pranksters, and interested parties, might have modified the articles. But when I looked a couple of days ago, as far as things I know are concerned, the articles were good.

Some histories:

<http://www.isoc.org/internet/history>

And three standard histories in paper and ink form:

The Cuckoo's Egg, by Clifford Stoll, which has a Wikipedia entry:

http://en.wikipedia.org/wiki/The_Cuckoo's_Egg

Where Wizards Stay Up Late, By Katie Hafner and Matthew Lyon,
which has a web page of its own:

<http://www.chick.net/wizards/wizards.html>

Weaving the Web, by Tim Berners-Lee, which has a web page at the W3C:

<http://www.w3.org/People/Berners-Lee/Weaving>

I thank the FTC for holding the workshop, and I thank the FTC for reading this!

I remain, as ever, your fellow citizen, and fellow student of probability,
Jay Sulzberger
jays@panix.com

Document: IANA-port-numbers

PORT NUMBERS

(last updated 2007-02-23)

The port numbers are divided into three ranges: the Well Known Ports, the Registered Ports, and the Dynamic and/or Private Ports.

The Well Known Ports are those from 0 through 1023.

DCCP Well Known ports SHOULD NOT be used without IANA registration. The registration procedure is defined in [RFC4340], Section 19.9.

The Registered Ports are those from 1024 through 49151

DCCP Registered ports SHOULD NOT be used without IANA registration. The registration procedure is defined in [RFC4340], Section 19.9.

The Dynamic and/or Private Ports are those from 49152 through 65535

```
*****
* PLEASE NOTE THE FOLLOWING:                                     *
*                                                                 *
* IESG STATEMENT TO THE IANA                                     *
*   THE IESG BELIEVES THAT IANA MAY ALLOCATE AN ADDITIONAL PORT IN *
*   THE 'USER PORT' RANGE TO PROTOCOLS WHOSE CURRENT PORT ALLOCATION *
*   REQUIRES ACCESS TO A PRIVILEGED PORT. THIS ALLOCATION SHOULD NOT *
*   BE AUTOMATIC, BUT MAY OCCUR UPON APPLICATION BY AN INTERESTED *
*****
```

```

*      PARTY WHOSE APPLICATION WOULD OTHERWISE FIT IANA'S POLICIES.      *
*                                                                              *
* 1. UNASSIGNED PORT NUMBERS SHOULD NOT BE USED.  THE IANA WILL ASSIGN *
* THE NUMBER FOR THE PORT AFTER YOUR APPLICATION HAS BEEN APPROVED.      *
*                                                                              *
* 2. ASSIGNMENT OF A PORT NUMBER DOES NOT IN ANY WAY IMPLY AN          *
* ENDORSEMENT OF AN APPLICATION OR PRODUCT, AND THE FACT THAT NETWORK    *
* TRAFFIC IS FLOWING TO OR FROM A REGISTERED PORT DOES NOT MEAN THAT    *
* IT IS "GOOD" TRAFFIC. FIREWALL AND SYSTEM ADMINISTRATORS SHOULD      *
* CHOOSE HOW TO CONFIGURE THEIR SYSTEMS BASED ON THEIR KNOWLEDGE OF    *
* THE TRAFFIC IN QUESTION, NOT WHETHER THERE IS A PORT NUMBER          *
* REGISTERED OR NOT.                                                    *
*****

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WELL KNOWN PORT NUMBERS

The Well Known Ports are assigned by the IANA and on most systems can only be used by system (or root) processes or by programs executed by privileged users.

Ports are used in the TCP [RFC793] to name the ends of logical connections which carry long term conversations. For the purpose of providing services to unknown callers, a service contact port is defined. This list specifies the port used by the server process as its contact port. The contact port is sometimes called the "well-known port".

To the extent possible, these same port assignments are used with the UDP [RFC768].

The range for assigned ports managed by the IANA is 0-1023.

Port Assignments:

| Keyword | Decimal | Description | References |
|-------------|---------|--------------------------------|------------|
| ----- | ----- | ----- | ----- |
| | 0/tcp | Reserved | |
| | 0/udp | Reserved | |
| # | | Jon Postel <postel@isi.edu> | |
| tcpmux | 1/tcp | TCP Port Service Multiplexer | |
| tcpmux | 1/udp | TCP Port Service Multiplexer | |
| # | | Mark Lottor <MKL@nisc.sri.com> | |
| compressnet | 2/tcp | Management Utility | |
| compressnet | 2/udp | Management Utility | |
| compressnet | 3/tcp | Compression Process | |
| compressnet | 3/udp | Compression Process | |
| # | | Bernie Volz <volz@cisco.com> | |
| # | 4/tcp | Unassigned | |
| # | 4/udp | Unassigned | |
| rje | 5/tcp | Remote Job Entry | |
| rje | 5/udp | Remote Job Entry | |
| # | | Jon Postel <postel@isi.edu> | |
| # | 6/tcp | Unassigned | |
| # | 6/udp | Unassigned | |
| echo | 7/tcp | Echo | |
| echo | 7/udp | Echo | |

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#           Jon Postel <postel@isi.edu>
#           8/tcp      Unassigned
#           8/udp      Unassigned
discard    9/tcp      Discard
discard    9/udp      Discard
#           Jon Postel <postel@isi.edu>
discard    9/dccp     Discard SC:DISC
#           IETF dccp WG, Eddie Kohler <kohler@cs.ucla.edu>,
[RFC4340]
#           10/tcp     Unassigned
#           10/udp     Unassigned
systat     11/tcp     Active Users
systat     11/udp     Active Users
#           Jon Postel <postel@isi.edu>
#           12/tcp     Unassigned
#           12/udp     Unassigned
daytime    13/tcp     Daytime (RFC 867)
daytime    13/udp     Daytime (RFC 867)
#           Jon Postel <postel@isi.edu>
#           14/tcp     Unassigned
#           14/udp     Unassigned
#           15/tcp     Unassigned [was netstat]
#           15/udp     Unassigned
#           16/tcp     Unassigned
#           16/udp     Unassigned
gotd       17/tcp     Quote of the Day
gotd       17/udp     Quote of the Day
#           Jon Postel <postel@isi.edu>
msp        18/tcp     Message Send Protocol
msp        18/udp     Message Send Protocol
#           Rina Nathaniel <---none--->
chargen    19/tcp     Character Generator
chargen    19/udp     Character Generator
ftp-data   20/tcp     File Transfer [Default Data]
ftp-data   20/udp     File Transfer [Default Data]
ftp        21/tcp     File Transfer [Control]
ftp        21/udp     File Transfer [Control]
#           Jon Postel <postel@isi.edu>
ssh        22/tcp     SSH Remote Login Protocol
ssh        22/udp     SSH Remote Login Protocol
#           Tatu Ylonen <ylo@cs.hut.fi>
telnet     23/tcp     Telnet
telnet     23/udp     Telnet
#           Jon Postel <postel@isi.edu>
#           24/tcp     any private mail system
#           24/udp     any private mail system
#           Rick Adams <rick@UUNET.UU.NET>
smtp       25/tcp     Simple Mail Transfer
smtp       25/udp     Simple Mail Transfer
#           Jon Postel <postel@isi.edu>
#           26/tcp     Unassigned
#           26/udp     Unassigned
nsw-fe     27/tcp     NSW User System FE
nsw-fe     27/udp     NSW User System FE
#           Robert Thomas <BThomas@F.BBN.COM>
#           28/tcp     Unassigned
#           28/udp     Unassigned

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|------------|--------|--|
| msg-icp | 29/tcp | MSG ICP |
| msg-icp | 29/udp | MSG ICP |
| # | | Robert Thomas <BThomas@F.BBN.COM> |
| # | 30/tcp | Unassigned |
| # | 30/udp | Unassigned |
| msg-auth | 31/tcp | MSG Authentication |
| msg-auth | 31/udp | MSG Authentication |
| # | | Robert Thomas <BThomas@F.BBN.COM> |
| # | 32/tcp | Unassigned |
| # | 32/udp | Unassigned |
| dsp | 33/tcp | Display Support Protocol |
| dsp | 33/udp | Display Support Protocol |
| # | | Ed Cain <cain@edn-unix.dca.mil> |
| # | 34/tcp | Unassigned |
| # | 34/udp | Unassigned |
| | 35/tcp | any private printer server |
| | 35/udp | any private printer server |
| # | | Jon Postel <postel@isi.edu> |
| # | 36/tcp | Unassigned |
| # | 36/udp | Unassigned |
| time | 37/tcp | Time |
| time | 37/udp | Time |
| # | | Jon Postel <postel@isi.edu> |
| rap | 38/tcp | Route Access Protocol |
| rap | 38/udp | Route Access Protocol |
| # | | Robert Ullmann <ariel@world.std.com> |
| rlp | 39/tcp | Resource Location Protocol |
| rlp | 39/udp | Resource Location Protocol |
| # | | Mike Accetta <MIKE.ACSETTA@CMU-CS-A.EDU> |
| # | 40/tcp | Unassigned |
| # | 40/udp | Unassigned |
| graphics | 41/tcp | Graphics |
| graphics | 41/udp | Graphics |
| name | 42/tcp | Host Name Server |
| name | 42/udp | Host Name Server |
| nameserver | 42/tcp | Host Name Server |
| nameserver | 42/udp | Host Name Server |
| nicname | 43/tcp | Who Is |
| nicname | 43/udp | Who Is |
| mpm-flags | 44/tcp | MPM FLAGS Protocol |
| mpm-flags | 44/udp | MPM FLAGS Protocol |
| mpm | 45/tcp | Message Processing Module [recv] |
| mpm | 45/udp | Message Processing Module [recv] |
| mpm-snd | 46/tcp | MPM [default send] |
| mpm-snd | 46/udp | MPM [default send] |
| # | | Jon Postel <postel@isi.edu> |
| ni-ftp | 47/tcp | NI FTP |
| ni-ftp | 47/udp | NI FTP |
| # | | Steve Kille <S.Kille@isode.com> |
| auditd | 48/tcp | Digital Audit Daemon |
| auditd | 48/udp | Digital Audit Daemon |
| # | | Larry Scott <scott@zk3.dec.com> |
| tacacs | 49/tcp | Login Host Protocol (TACACS) |
| tacacs | 49/udp | Login Host Protocol (TACACS) |
| # | | Pieter Ditmars <pditmars@BBN.COM> |
| re-mail-ck | 50/tcp | Remote Mail Checking Protocol |
| re-mail-ck | 50/udp | Remote Mail Checking Protocol |

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|-----------|--------|---|
| # | | Steve Dorner <s-dorner@UIUC.EDU> |
| la-maint | 51/tcp | IMP Logical Address Maintenance |
| la-maint | 51/udp | IMP Logical Address Maintenance |
| # | | Andy Malis <malis_a@timeplex.com> |
| xns-time | 52/tcp | XNS Time Protocol |
| xns-time | 52/udp | XNS Time Protocol |
| # | | Susie Armstrong <Armstrong.wbst128@XEROX> |
| domain | 53/tcp | Domain Name Server |
| domain | 53/udp | Domain Name Server |
| # | | Paul Mockapetris <PVM@ISI.EDU> |
| xns-ch | 54/tcp | XNS Clearinghouse |
| xns-ch | 54/udp | XNS Clearinghouse |
| # | | Susie Armstrong <Armstrong.wbst128@XEROX> |
| isi-gl | 55/tcp | ISI Graphics Language |
| isi-gl | 55/udp | ISI Graphics Language |
| xns-auth | 56/tcp | XNS Authentication |
| xns-auth | 56/udp | XNS Authentication |
| # | | Susie Armstrong <Armstrong.wbst128@XEROX> |
| | 57/tcp | any private terminal access |
| | 57/udp | any private terminal access |
| # | | Jon Postel <postel@isi.edu> |
| xns-mail | 58/tcp | XNS Mail |
| xns-mail | 58/udp | XNS Mail |
| # | | Susie Armstrong <Armstrong.wbst128@XEROX> |
| | 59/tcp | any private file service |
| | 59/udp | any private file service |
| # | | Jon Postel <postel@isi.edu> |
| | 60/tcp | Unassigned |
| | 60/udp | Unassigned |
| ni-mail | 61/tcp | NI MAIL |
| ni-mail | 61/udp | NI MAIL |
| # | | Steve Kille <S.Kille@isode.com> |
| acas | 62/tcp | ACA Services |
| acas | 62/udp | ACA Services |
| # | | E. Wald <ewald@via.enet.dec.com> |
| whois++ | 63/tcp | whois++ |
| whois++ | 63/udp | whois++ |
| # | | Rickard Schoultz <schoultz@sunet.se> |
| covia | 64/tcp | Communications Integrator (CI) |
| covia | 64/udp | Communications Integrator (CI) |
| # | | Dan Smith <dan.smith@den.galileo.com> |
| tacacs-ds | 65/tcp | TACACS-Database Service |
| tacacs-ds | 65/udp | TACACS-Database Service |
| # | | Kathy Huber <khuber@bbn.com> |
| sql*net | 66/tcp | Oracle SQL*NET |
| sql*net | 66/udp | Oracle SQL*NET |
| # | | Jack Haverty <jhaverty@ORACLE.COM> |
| bootps | 67/tcp | Bootstrap Protocol Server |
| bootps | 67/udp | Bootstrap Protocol Server |
| bootpc | 68/tcp | Bootstrap Protocol Client |
| bootpc | 68/udp | Bootstrap Protocol Client |
| # | | Bill Croft <Croft@SUMEX-AIM.STANFORD.EDU> |
| tftp | 69/tcp | Trivial File Transfer |
| tftp | 69/udp | Trivial File Transfer |
| # | | David Clark <ddc@LCS.MIT.EDU> |
| gopher | 70/tcp | Gopher |
| gopher | 70/udp | Gopher |


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#                               Mark McCahill <mpm@boombox.micro.umn.edu>
netrjs-1                       71/tcp    Remote Job Service
netrjs-1                       71/udp    Remote Job Service
netrjs-2                       72/tcp    Remote Job Service
netrjs-2                       72/udp    Remote Job Service
netrjs-3                       73/tcp    Remote Job Service
netrjs-3                       73/udp    Remote Job Service
netrjs-4                       74/tcp    Remote Job Service
netrjs-4                       74/udp    Remote Job Service
#                               Bob Braden <Braden@ISI.EDU>
                               75/tcp    any private dial out service
                               75/udp    any private dial out service
#                               Jon Postel <postel@isi.edu>
deos                           76/tcp    Distributed External Object Store
deos                           76/udp    Distributed External Object Store
#                               Robert Ullmann <ariel@world.std.com>
                               77/tcp    any private RJE service
                               77/udp    any private RJE service
#                               Jon Postel <postel@isi.edu>
vettcp                         78/tcp    vettcp
vettcp                         78/udp    vettcp
#                               Christopher Leong <leong@kolmod.mlo.dec.com>
finger                         79/tcp    Finger
finger                         79/udp    Finger
#                               David Zimmerman <dpz@RUTGERS.EDU>
http                           80/tcp    World Wide Web HTTP
http                           80/udp    World Wide Web HTTP
www                             80/tcp    World Wide Web HTTP
www                             80/udp    World Wide Web HTTP
www-http                       80/tcp    World Wide Web HTTP
www-http                       80/udp    World Wide Web HTTP
#                               Tim Berners-Lee <timbl@W3.org>
hosts2-ns                      81/tcp    HOSTS2 Name Server
hosts2-ns                      81/udp    HOSTS2 Name Server
#                               Earl Killian <EAK@MORDOR.S1.GOV>
xfer                           82/tcp    XFER Utility
xfer                           82/udp    XFER Utility
#                               Thomas M. Smith <Thomas.M.Smith@lmco.com>
mit-ml-dev                    83/tcp    MIT ML Device
mit-ml-dev                    83/udp    MIT ML Device
#                               David Reed <---none--->
ctf                            84/tcp    Common Trace Facility
ctf                            84/udp    Common Trace Facility
#                               Hugh Thomas <thomas@oils.enet.dec.com>
mit-ml-dev                    85/tcp    MIT ML Device
mit-ml-dev                    85/udp    MIT ML Device
#                               David Reed <---none--->
mfcobol                       86/tcp    Micro Focus Cobol
mfcobol                       86/udp    Micro Focus Cobol
#                               Simon Edwards <---none--->
                               87/tcp    any private terminal link
                               87/udp    any private terminal link
#                               Jon Postel <postel@isi.edu>
kerberos                      88/tcp    Kerberos
kerberos                      88/udp    Kerberos
#                               B. Clifford Neuman <bcn@isi.edu>
su-mit-tg                     89/tcp    SU/MIT Telnet Gateway

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su-mit-tg      89/udp      SU/MIT Telnet Gateway
#              Mark Crispin <MRC@PANDA.COM>
##### PORT 90 also being used unofficially by Pointcast #####
dnsix          90/tcp      DNSIX Securit Attribute Token Map
dnsix          90/udp      DNSIX Securit Attribute Token Map
#              Charles Watt <watt@sware.com>
mit-dov        91/tcp      MIT Dover Spooler
mit-dov        91/udp      MIT Dover Spooler
#              Eliot Moss <EBM@XX.LCS.MIT.EDU>
npp            92/tcp      Network Printing Protocol
npp            92/udp      Network Printing Protocol
#              Louis Mamakos <louie@sayshell.umd.edu>
dcp            93/tcp      Device Control Protocol
dcp            93/udp      Device Control Protocol
#              Daniel Tappan <Tappan@BBN.COM>
objcall        94/tcp      Tivoli Object Dispatcher
objcall        94/udp      Tivoli Object Dispatcher
#              Tom Bereiter <---none--->
supdup         95/tcp      SUPDUP
supdup         95/udp      SUPDUP
#              Mark Crispin <MRC@PANDA.COM>
dixie          96/tcp      DIXIE Protocol Specification
dixie          96/udp      DIXIE Protocol Specification
#              Tim Howes <Tim.Howes@terminator.cc.umich.edu>
swift-rvf      97/tcp      Swift Remote Virtual File Protocol
swift-rvf      97/udp      Swift Remote Virtual File Protocol
#              Maurice R. Turcotte
#              <mailrus!uflorida!rml!dnmrt%rmatl@uunet.UU.NET>
tacnews        98/tcp      TAC News
tacnews        98/udp      TAC News
#              Jon Postel <postel@isi.edu>
metagram       99/tcp      Metagram Relay
metagram       99/udp      Metagram Relay
#              Geoff Goodfellow <Geoff@FERNWOOD.MPK.CA.US>
newacct        100/tcp     [unauthorized use]
hostname       101/tcp     NIC Host Name Server
hostname       101/udp     NIC Host Name Server
#              Jon Postel <postel@isi.edu>
iso-tsap       102/tcp     ISO-TSAP Class 0
iso-tsap       102/udp     ISO-TSAP Class 0
#              Marshall Rose <mrose@dbc.mtview.ca.us>
gppitnp       103/tcp     Genesis Point-to-Point Trans Net
gppitnp       103/udp     Genesis Point-to-Point Trans Net
acr-nema       104/tcp     ACR-NEMA Digital Imag. & Comm. 300
acr-nema       104/udp     ACR-NEMA Digital Imag. & Comm. 300
#              Patrick McNamee <---none--->
cso            105/tcp     CCSO name server protocol
cso            105/udp     CCSO name server protocol
#              Martin Hamilton <martin@mrrl.lut.as.uk>
csnet-ns       105/tcp     Mailbox Name Nameserver
csnet-ns       105/udp     Mailbox Name Nameserver
#              Marvin Solomon <solomon@CS.WISC.EDU>
3com-tsmux     106/tcp     3COM-TSMUX
3com-tsmux     106/udp     3COM-TSMUX
#              Jeremy Siegel <jzs@NSD.3Com.COM>
#####          106          Unauthorized use by insecure poppassd protocol
rtelnet        107/tcp     Remote Telnet Service

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| | | |
|------------|---------|---|
| rtelnet | 107/udp | Remote Telnet Service |
| # | | Jon Postel <postel@isi.edu> |
| snagas | 108/tcp | SNA Gateway Access Server |
| snagas | 108/udp | SNA Gateway Access Server |
| # | | Kevin Murphy <murphy@sevens.lkg.dec.com> |
| pop2 | 109/tcp | Post Office Protocol - Version 2 |
| pop2 | 109/udp | Post Office Protocol - Version 2 |
| # | | Joyce K. Reynolds <jkrey@isi.edu> |
| pop3 | 110/tcp | Post Office Protocol - Version 3 |
| pop3 | 110/udp | Post Office Protocol - Version 3 |
| # | | Marshall Rose <mrose@dbc.mtview.ca.us> |
| sunrpc | 111/tcp | SUN Remote Procedure Call |
| sunrpc | 111/udp | SUN Remote Procedure Call |
| # | | Chuck McManis <cmcmanis@freegate.net> |
| mcidas | 112/tcp | McIDAS Data Transmission Protocol |
| mcidas | 112/udp | McIDAS Data Transmission Protocol |
| # | | Glenn Davis <support@unidata.ucar.edu> |
| ident | 113/tcp | |
| auth | 113/tcp | Authentication Service |
| auth | 113/udp | Authentication Service |
| # | | Mike St. Johns <stjohns@arpa.mil> |
| # | 114 | Deprecated June 2004 |
| sftp | 115/tcp | Simple File Transfer Protocol |
| sftp | 115/udp | Simple File Transfer Protocol |
| # | | Mark Lottor <MKL@nisc.sri.com> |
| ansanotify | 116/tcp | ANSA REX Notify |
| ansanotify | 116/udp | ANSA REX Notify |
| # | | Nicola J. Howarth <njh@ansa.co.uk> |
| uucp-path | 117/tcp | UUCP Path Service |
| uucp-path | 117/udp | UUCP Path Service |
| sqlserv | 118/tcp | SQL Services |
| sqlserv | 118/udp | SQL Services |
| # | | Larry Barnes <barnes@broke.enet.dec.com> |
| nntp | 119/tcp | Network News Transfer Protocol |
| nntp | 119/udp | Network News Transfer Protocol |
| # | | Phil Lapsley <phil@UCBARPA.BERKELEY.EDU> |
| cfdpkt | 120/tcp | CFDPKT |
| cfdpkt | 120/udp | CFDPKT |
| # | | John Ioannidis <ji@close.cs.columbia.edu> |
| erpc | 121/tcp | Encore Expedited Remote Pro.Call |
| erpc | 121/udp | Encore Expedited Remote Pro.Call |
| # | | Jack O'Neil <----none----> |
| smakynet | 122/tcp | SMAKYNET |
| smakynet | 122/udp | SMAKYNET |
| # | | Pierre Arnaud <pierre.arnaud@iname.com> |
| ntp | 123/tcp | Network Time Protocol |
| ntp | 123/udp | Network Time Protocol |
| # | | Dave Mills <Mills@HUEY.UDEL.EDU> |
| ansatrader | 124/tcp | ANSA REX Trader |
| ansatrader | 124/udp | ANSA REX Trader |
| # | | Nicola J. Howarth <njh@ansa.co.uk> |
| locus-map | 125/tcp | Locus PC-Interface Net Map Ser |
| locus-map | 125/udp | Locus PC-Interface Net Map Ser |
| # | | Eric Peterson <lcc.eric@SEAS.UCLA.EDU> |
| nxedit | 126/tcp | NXEdit |
| nxedit | 126/udp | NXEdit |
| # | | Don Payette <Don.Payette@unisys.com> |

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#####Port 126 Previously assigned to application below#####
#unitary      126/tcp    Unisys Unitary Login
#unitary      126/udp    Unisys Unitary Login
#
#              <feil@kronos.nisd.cam.unisys.com>
#####Port 126 Previously assigned to application above#####
locus-con     127/tcp    Locus PC-Interface Conn Server
locus-con     127/udp    Locus PC-Interface Conn Server
#
#              Eric Peterson <lcc.eric@SEAS.UCLA.EDU>
gss-xlicen    128/tcp    GSS X License Verification
gss-xlicen    128/udp    GSS X License Verification
#
#              John Light <johnl@gssc.gss.com>
pwdgen        129/tcp    Password Generator Protocol
pwdgen        129/udp    Password Generator Protocol
#
#              Frank J. Wacho <WANCHO@WSMR-SIMTEL20.ARMY.MIL>
cisco-fna     130/tcp    cisco FNATIVE
cisco-fna     130/udp    cisco FNATIVE
cisco-tna     131/tcp    cisco TNATIVE
cisco-tna     131/udp    cisco TNATIVE
cisco-sys     132/tcp    cisco SYSMAINT
cisco-sys     132/udp    cisco SYSMAINT
statsrv       133/tcp    Statistics Service
statsrv       133/udp    Statistics Service
#
#              Dave Mills <Mills@HUEY.UDEL.EDU>
ingres-net    134/tcp    INGRES-NET Service
ingres-net    134/udp    INGRES-NET Service
#
#              Mike Berrow <---none--->
epmap         135/tcp    DCE endpoint resolution
epmap         135/udp    DCE endpoint resolution
#
#              Joe Pato <pato@apollo.hp.com>
profile       136/tcp    PROFILE Naming System
profile       136/udp    PROFILE Naming System
#
#              Larry Peterson <llp@ARIZONA.EDU>
netbios-ns    137/tcp    NETBIOS Name Service
netbios-ns    137/udp    NETBIOS Name Service
netbios-dgm   138/tcp    NETBIOS Datagram Service
netbios-dgm   138/udp    NETBIOS Datagram Service
netbios-ssn   139/tcp    NETBIOS Session Service
netbios-ssn   139/udp    NETBIOS Session Service
#
#              Jon Postel <postel@isi.edu>
emfis-data    140/tcp    EMFIS Data Service
emfis-data    140/udp    EMFIS Data Service
emfis-cntl    141/tcp    EMFIS Control Service
emfis-cntl    141/udp    EMFIS Control Service
#
#              Gerd Beling <GBELING@ISI.EDU>
bl-idm        142/tcp    Britton-Lee IDM
bl-idm        142/udp    Britton-Lee IDM
#
#              Susie Snitzer <---none--->
imap          143/tcp    Internet Message Access Protocol
imap          143/udp    Internet Message Access Protocol
#
#              Mark Crispin <MRC@CAC.Washington.EDU>
uma           144/tcp    Universal Management Architecture
uma           144/udp    Universal Management Architecture
#
#              Jay Whitney <jw@powercenter.com>
uaac          145/tcp    UAAC Protocol
uaac          145/udp    UAAC Protocol
#
#              David A. Gomberg <gomberg@GATEWAY.MITRE.ORG>
iso-tp0       146/tcp    ISO-IP0

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| | | |
|-------------|---------|---|
| iso-tp0 | 146/udp | ISO-IP0 |
| iso-ip | 147/tcp | ISO-IP |
| iso-ip | 147/udp | ISO-IP |
| # | | Marshall Rose <mrose@dbc.mtview.ca.us> |
| jargon | 148/tcp | Jargon |
| jargon | 148/udp | Jargon |
| # | | Bill Weinman <wew@bearnnet.com> |
| aed-512 | 149/tcp | AED 512 Emulation Service |
| aed-512 | 149/udp | AED 512 Emulation Service |
| # | | Albert G. Broscius <broscius@DSL.CIS.UPENN.EDU> |
| sql-net | 150/tcp | SQL-NET |
| sql-net | 150/udp | SQL-NET |
| # | | Martin Picard <----none----> |
| hems | 151/tcp | HEMS |
| hems | 151/udp | HEMS |
| bftp | 152/tcp | Background File Transfer Program |
| bftp | 152/udp | Background File Transfer Program |
| # | | Annette DeSchon <DESCHON@ISI.EDU> |
| sgmp | 153/tcp | SGMP |
| sgmp | 153/udp | SGMP |
| # | | Marty Schoffstahl <schoff@NISC.NYSER.NET> |
| netsc-prod | 154/tcp | NETSC |
| netsc-prod | 154/udp | NETSC |
| netsc-dev | 155/tcp | NETSC |
| netsc-dev | 155/udp | NETSC |
| # | | Sergio Heker <heker@JVNCC.CSC.ORG> |
| sqlsrv | 156/tcp | SQL Service |
| sqlsrv | 156/udp | SQL Service |
| # | | Craig Rogers <Rogers@ISI.EDU> |
| knet-cmp | 157/tcp | KNET/VM Command/Message Protocol |
| knet-cmp | 157/udp | KNET/VM Command/Message Protocol |
| # | | Gary S. Malkin <GMALKIN@XYLOGICS.COM> |
| pcmail-srv | 158/tcp | PCMail Server |
| pcmail-srv | 158/udp | PCMail Server |
| # | | Mark L. Lambert <markl@PTT.LCS.MIT.EDU> |
| nss-routing | 159/tcp | NSS-Routing |
| nss-routing | 159/udp | NSS-Routing |
| # | | Yakov Rekhter <Yakov@IBM.COM> |
| sgmp-traps | 160/tcp | SGMP-TRAPS |
| sgmp-traps | 160/udp | SGMP-TRAPS |
| # | | Marty Schoffstahl <schoff@NISC.NYSER.NET> |
| snmp | 161/tcp | SNMP |
| snmp | 161/udp | SNMP |
| snmptrap | 162/tcp | SNMPTRAP |
| snmptrap | 162/udp | SNMPTRAP |
| # | | Marshall Rose <mrose@dbc.mtview.ca.us> |
| cmip-man | 163/tcp | CMIP/TCP Manager |
| cmip-man | 163/udp | CMIP/TCP Manager |
| cmip-agent | 164/tcp | CMIP/TCP Agent |
| cmip-agent | 164/udp | CMIP/TCP Agent |
| # | | Amatzia Ben-Artzi <----none----> |
| xns-courier | 165/tcp | Xerox |
| xns-courier | 165/udp | Xerox |
| # | | Susie Armstrong <Armstrong.wbst128@XEROX.COM> |
| s-net | 166/tcp | Sirius Systems |
| s-net | 166/udp | Sirius Systems |
| # | | Brian Lloyd <brian@lloyd.com> |

| | | |
|------------|---------|---|
| namp | 167/tcp | NAMP |
| namp | 167/udp | NAMP |
| # | | Marty Schoffstahl <schoff@NISC.NYSER.NET> |
| rsvd | 168/tcp | RSVD |
| rsvd | 168/udp | RSVD |
| # | | Neil Todd <mcvax!ist.co.uk!neil@UUNET.UU.NET> |
| send | 169/tcp | SEND |
| send | 169/udp | SEND |
| # | | William D. Wisner <wisner@HAYES.FAI.ALASKA.EDU> |
| print-srv | 170/tcp | Network PostScript |
| print-srv | 170/udp | Network PostScript |
| # | | Brian Reid <reid@DECWRL.DEC.COM> |
| multiplex | 171/tcp | Network Innovations Multiplex |
| multiplex | 171/udp | Network Innovations Multiplex |
| cl/1 | 172/tcp | Network Innovations CL/1 |
| cl/1 | 172/udp | Network Innovations CL/1 |
| # | | Kevin DeVault <----none----> |
| xyplex-mux | 173/tcp | Xyplex |
| xyplex-mux | 173/udp | Xyplex |
| # | | Bob Stewart <STEWART@XYPLEX.COM> |
| mailq | 174/tcp | MAILQ |
| mailq | 174/udp | MAILQ |
| # | | Rayan Zachariassen <rayan@AI.TORONTO.EDU> |
| vmnet | 175/tcp | VMNET |
| vmnet | 175/udp | VMNET |
| # | | Christopher Tengi <tengi@Princeton.EDU> |
| genrad-mux | 176/tcp | GENRAD-MUX |
| genrad-mux | 176/udp | GENRAD-MUX |
| # | | Ron Thornton <thornton@qm7501.genrad.com> |
| xdmcp | 177/tcp | X Display Manager Control Protocol |
| xdmcp | 177/udp | X Display Manager Control Protocol |
| # | | Robert W. Scheifler <RWS@XX.LCS.MIT.EDU> |
| nextstep | 178/tcp | NextStep Window Server |
| nextstep | 178/udp | NextStep Window Server |
| # | | Leo Hourvitz <leo@NEXT.COM> |
| bgp | 179/tcp | Border Gateway Protocol |
| bgp | 179/udp | Border Gateway Protocol |
| # | | Kirk Lougheed <LOUGHEED@MATHOM.CISCO.COM> |
| ris | 180/tcp | Intergraph |
| ris | 180/udp | Intergraph |
| # | | Dave Buehmann <ingr!daveb@UUNET.UU.NET> |
| unify | 181/tcp | Unify |
| unify | 181/udp | Unify |
| # | | Mark Ainsley <ianaportmaster@unify.com> |
| audit | 182/tcp | Unisys Audit SITP |
| audit | 182/udp | Unisys Audit SITP |
| # | | Gil Greenbaum <gcole@nisd.cam.unisys.com> |
| ocbinder | 183/tcp | OCBinder |
| ocbinder | 183/udp | OCBinder |
| ocserver | 184/tcp | OCServer |
| ocserver | 184/udp | OCServer |
| # | | Jerrilynn Okamura <---none----> |
| remote-kis | 185/tcp | Remote-KIS |
| remote-kis | 185/udp | Remote-KIS |
| kis | 186/tcp | KIS Protocol |
| kis | 186/udp | KIS Protocol |
| # | | Ralph Droms <rdroms@NRI.RESTON.VA.US> |

| | | |
|-------------|---------|---|
| aci | 187/tcp | Application Communication Interface |
| aci | 187/udp | Application Communication Interface |
| # | | Rick Carlos <rick.ticipa.csc.ti.com> |
| mumps | 188/tcp | Plus Five's MUMPS |
| mumps | 188/udp | Plus Five's MUMPS |
| # | | Hokey Stenn <hokey@PLUS5.COM> |
| qft | 189/tcp | Queued File Transport |
| qft | 189/udp | Queued File Transport |
| # | | Wayne Schroeder <schroeder@SDS.SDSC.EDU> |
| gacp | 190/tcp | Gateway Access Control Protocol |
| gacp | 190/udp | Gateway Access Control Protocol |
| # | | C. Philip Wood <cpw@LANL.GOV> |
| prospero | 191/tcp | Prospero Directory Service |
| prospero | 191/udp | Prospero Directory Service |
| # | | B. Clifford Neuman <bcn@isi.edu> |
| osu-nms | 192/tcp | OSU Network Monitoring System |
| osu-nms | 192/udp | OSU Network Monitoring System |
| # | | Doug Karl <KARL-D@OSU-20.IRCC.OHIO-STATE.EDU> |
| srmp | 193/tcp | Spider Remote Monitoring Protocol |
| srmp | 193/udp | Spider Remote Monitoring Protocol |
| # | | Ted J. Socolofsky <Teds@SPIDER.CO.UK> |
| irc | 194/tcp | Internet Relay Chat Protocol |
| irc | 194/udp | Internet Relay Chat Protocol |
| # | | Jarkko Oikarinen <jto@TOLSUN.OULU.FI> |
| dn6-nlm-aud | 195/tcp | DNSIX Network Level Module Audit |
| dn6-nlm-aud | 195/udp | DNSIX Network Level Module Audit |
| dn6-smm-red | 196/tcp | DNSIX Session Mgt Module Audit Redir |
| dn6-smm-red | 196/udp | DNSIX Session Mgt Module Audit Redir |
| # | | Lawrence Lebahn <DIA3@PAXRV-NES.NAVY.MIL> |
| dls | 197/tcp | Directory Location Service |
| dls | 197/udp | Directory Location Service |
| dls-mon | 198/tcp | Directory Location Service Monitor |
| dls-mon | 198/udp | Directory Location Service Monitor |
| # | | Scott Bellew <smb@cs.purdue.edu> |
| smux | 199/tcp | SMUX |
| smux | 199/udp | SMUX |
| # | | Marshall Rose <mrose@dbc.mtview.ca.us> |
| src | 200/tcp | IBM System Resource Controller |
| src | 200/udp | IBM System Resource Controller |
| # | | Gerald McBrearty <----none----> |
| at-rtmp | 201/tcp | AppleTalk Routing Maintenance |
| at-rtmp | 201/udp | AppleTalk Routing Maintenance |
| at-nbp | 202/tcp | AppleTalk Name Binding |
| at-nbp | 202/udp | AppleTalk Name Binding |
| at-3 | 203/tcp | AppleTalk Unused |
| at-3 | 203/udp | AppleTalk Unused |
| at-echo | 204/tcp | AppleTalk Echo |
| at-echo | 204/udp | AppleTalk Echo |
| at-5 | 205/tcp | AppleTalk Unused |
| at-5 | 205/udp | AppleTalk Unused |
| at-zis | 206/tcp | AppleTalk Zone Information |
| at-zis | 206/udp | AppleTalk Zone Information |
| at-7 | 207/tcp | AppleTalk Unused |
| at-7 | 207/udp | AppleTalk Unused |
| at-8 | 208/tcp | AppleTalk Unused |
| at-8 | 208/udp | AppleTalk Unused |
| # | | Rob Chandhok <chandhok@gnome.cs.cmu.edu> |

```

qmtcp          209/tcp    The Quick Mail Transfer Protocol
qmtcp          209/udp    The Quick Mail Transfer Protocol
#             Dan Bernstein <djb@silverton.berkeley.edu>
z39.50         210/tcp    ANSI Z39.50
z39.50         210/udp    ANSI Z39.50
#             Mark H. Needleman <markn@sirsi.com>
914c/g         211/tcp    Texas Instruments 914C/G Terminal
914c/g         211/udp    Texas Instruments 914C/G Terminal
#             Bill Harrell <----none---->
anet           212/tcp    ATEXSSTR
anet           212/udp    ATEXSSTR
#             Jim Taylor <taylor@heart.epps.kodak.com>
ipx            213/tcp    IPX
ipx            213/udp    IPX
#             Don Provan <donp@xlnvax.novell.com>
vmpwscs       214/tcp    VM PWSCS
vmpwscs       214/udp    VM PWSCS
#             Dan Shia <dset!shia@uunet.UU.NET>
softpc        215/tcp    Insignia Solutions
softpc        215/udp    Insignia Solutions
#             Martyn Thomas <----none---->
CAIlic        216/tcp    Computer Associates Int'l License Server
CAIlic        216/udp    Computer Associates Int'l License Server
#             Chuck Spitz <spich04@cai.com>
dbase         217/tcp    dBASE Unix
dbase         217/udp    dBASE Unix
#             Don Gibson
#             <sequent!aero!twinsun!ashtate.A-T.COM!dong@uunet.UU.NET>
mpp           218/tcp    Netix Message Posting Protocol
mpp           218/udp    Netix Message Posting Protocol
#             Shannon Yeh <yeh@netix.com>
uarps         219/tcp    Unisys ARPs
uarps         219/udp    Unisys ARPs
#             Ashok Marwaha <----none---->
imap3         220/tcp    Interactive Mail Access Protocol v3
imap3         220/udp    Interactive Mail Access Protocol v3
#             James Rice <RICE@SUMEX-AIM.STANFORD.EDU>
fln-spx       221/tcp    Berkeley rlogind with SPX auth
fln-spx       221/udp    Berkeley rlogind with SPX auth
rsh-spx       222/tcp    Berkeley rshd with SPX auth
rsh-spx       222/udp    Berkeley rshd with SPX auth
cdc           223/tcp    Certificate Distribution Center
cdc           223/udp    Certificate Distribution Center
#             Kannan Alagappan <kannan@sejour.enet.dec.com>
##### Possible Conflict of Port 222 with "Masqdialer"#####
### Contact for Masqdialer is Charles Wright <cpwright@villagenet.com>###
masqdialer 224/tcp    masqdialer
masqdialer 224/udp    masqdialer
#             Charles Wright <cpwright@villagenet.com>
#             225-241    Reserved
#             Jon Postel <postel@isi.edu>
direct        242/tcp    Direct
direct        242/udp    Direct
#             Herb Sutter <HerbS@cntc.com>
sur-meas      243/tcp    Survey Measurement
sur-meas      243/udp    Survey Measurement
#             Dave Clark <ddc@LCS.MIT.EDU>

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inbusiness      244/tcp      inbusiness
inbusiness      244/udp      inbusiness
#              Derrick Hisatake <derrick.i.hisatake@intel.com>
link            245/tcp      LINK
link            245/udp      LINK
dsp3270         246/tcp      Display Systems Protocol
dsp3270         246/udp      Display Systems Protocol
#              Weldon J. Showalter <Gamma@MINTAKA.DCA.MIL>
subntbcst_tftp 247/tcp      SUBNTBCST_TFTP
subntbcst_tftp 247/udp      SUBNTBCST_TFTP
#              John Fake <fake@us.ibm.com>
bhfhs          248/tcp      bhfhs
bhfhs          248/udp      bhfhs
#              John Kelly <johnk@bellhow.com>
#              249-255      Reserved
#              Jon Postel <postel@isi.edu>
rap            256/tcp      RAP
rap            256/udp      RAP
#              J.S. Greenfield <greeny@raleigh.ibm.com>
set            257/tcp      Secure Electronic Transaction
set            257/udp      Secure Electronic Transaction
#              Donald Eastlake <dee3@torque.pothole.com>
#              258          Unassigned (Removed 2006-09-13)
esro-gen       259/tcp      Efficient Short Remote Operations
esro-gen       259/udp      Efficient Short Remote Operations
#              Mohsen Banan <mohsen@rostan.neda.com>
openport       260/tcp      Openport
openport       260/udp      Openport
#              John Marland <jmarland@dean.openport.com>
nsiiops        261/tcp      IIOP Name Service over TLS/SSL
nsiiops        261/udp      IIOP Name Service over TLS/SSL
#              Jeff Stewart <jstewart@netscape.com>
arcisdms       262/tcp      Arcisdms
arcisdms       262/udp      Arcisdms
#              Russell Crook (rmc@sni.ca)
hdap           263/tcp      HDAP
hdap           263/udp      HDAP
#              Troy Gau <troy@zyxel.com>
bgmp           264/tcp      BGMP
bgmp           264/udp      BGMP
#              Dave Thaler <thalerd@eecs.umich.edu>
x-bone-ctl     265/tcp      X-Bone CTL
x-bone-ctl     265/udp      X-Bone CTL
#              Joe Touch <touch@isi.edu>
sst            266/tcp      SCSI on ST
sst            266/udp      SCSI on ST
#              Donald D. Woelz <don@genroco.com>
td-service     267/tcp      Tobit David Service Layer
td-service     267/udp      Tobit David Service Layer
td-replica     268/tcp      Tobit David Replica
td-replica     268/udp      Tobit David Replica
#              Franz-Josef Leuders <development@tobit.com>
#              269-279      Unassigned
http-mgmt      280/tcp      http-mgmt
http-mgmt      280/udp      http-mgmt
#              Adrian Pell
#              <PELL_ADRIAN/HP-UnitedKingdom_om6@hplb.hpl.hp.com>

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personal-link 281/tcp      Personal Link
personal-link 281/udp      Personal Link
#               Dan Cummings <doc@cnr.com>
cableport-ax 282/tcp      Cable Port A/X
cableport-ax 282/udp      Cable Port A/X
#               Craig Langfahl <Craig_J_Langfahl@ccm.ch.intel.com>
rescap        283/tcp      rescap
rescap        283/udp      rescap
#               Paul Hoffman <phoffman@imc.org>
corerjd       284/tcp      corerjd
corerjd       284/udp      corerjd
#               Chris Thornhill <port_contact@cjt.ca>
#               285      Unassigned
fxp           286/tcp      FXP Communication
fxp           286/udp      FXP Communication
#               James Darnall <james_r_darnall@sbcglobal.net>
k-block       287/tcp      K-BLOCK
k-block       287/udp      K-BLOCK
#               Simon P Jackson <jacko@kring.co.uk>
#               288-307  Unassigned
novastorbakcup 308/tcp      Novastor Backup
novastorbakcup 308/udp      Novastor Backup
#               Brian Dickman <brian@novastor.com>
entrusttime   309/tcp      EntrustTime
entrusttime   309/udp      EntrustTime
#               Peter Whittaker <pww@entrust.com>
bhmds        310/tcp      bhmds
bhmds        310/udp      bhmds
#               John Kelly <johnk@bellhow.com>
asip-webadmin 311/tcp      AppleShare IP WebAdmin
asip-webadmin 311/udp      AppleShare IP WebAdmin
#               Ann Huang <annhuang@apple.com>
vslmp        312/tcp      VSLMP
vslmp        312/udp      VSLMP
#               Gerben Wierda <Gerben_Wierda@RnA.nl>
magenta-logic 313/tcp      Magenta Logic
magenta-logic 313/udp      Magenta Logic
#               Karl Rousseau <kr@netfusion.co.uk>
opalis-robot  314/tcp      Opalis Robot
opalis-robot  314/udp      Opalis Robot
#               Laurent Domenech, Opalis <ldomenech@opalis.com>
dpsi         315/tcp      DPSI
dpsi         315/udp      DPSI
#               Tony Scamurra <Tony@DesktopPaging.com>
decauth      316/tcp      decAuth
decauth      316/udp      decAuth
#               Michael Agishtein <misha@unx.dec.com>
zannet       317/tcp      Zannet
zannet       317/udp      Zannet
#               Zan Oliphant <zan@accessone.com>
pkix-timestamp 318/tcp      PKIX TimeStamp
pkix-timestamp 318/udp      PKIX TimeStamp
#               Robert Zuccherato <robert.zuccherato@entrust.com>
ptp-event    319/tcp      PTP Event
ptp-event    319/udp      PTP Event
ptp-general  320/tcp      PTP General
ptp-general  320/udp      PTP General

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shrinkwrap 358/tcp      Shrinkwrap
shrinkwrap 358/udp      Shrinkwrap
#                      Bill Simpson <wsimpson@greendragon.com>
nsrmp       359/tcp      Network Security Risk Management Protocol
nsrmp       359/udp      Network Security Risk Management Protocol
#                      Eric Jacksch <jacksch@tenebris.ca>
scoi2odialog 360/tcp      scoi2odialog
scoi2odialog 360/udp      scoi2odialog
#                      Keith Petley <keithp@sco.COM>
semantix    361/tcp      Semantix
semantix    361/udp      Semantix
#                      Semantix <xsSupport@semantix.com>
srssend     362/tcp      SRS Send
srssend     362/udp      SRS Send
#                      Curt Mayer <curt@emergent.com>
rsvp_tunnel 363/tcp      RSVP Tunnel
rsvp_tunnel 363/udp      RSVP Tunnel
#                      Andreas Terzis <terzis@cs.ucla.edu>
aurora-cmgr 364/tcp      Aurora CMGR
aurora-cmgr 364/udp      Aurora CMGR
#                      Philip Budne <budne@auroratech.com>
dtk         365/tcp      DTK
dtk         365/udp      DTK
#                      Fred Cohen <fc@all.net>
odmr        366/tcp      ODMR
odmr        366/udp      ODMR
#                      Randall Gellens <randy@qualcomm.com>
mortgageware 367/tcp      MortgageWare
mortgageware 367/udp      MortgageWare
#                      Ole Hellevik <oleh@interlinq.com>
qbikgdp     368/tcp      QbikGDP
qbikgdp     368/udp      QbikGDP
#                      Adrien de Croy <adrien@qbik.com>
rpc2portmap 369/tcp      rpc2portmap
rpc2portmap 369/udp      rpc2portmap
codaaauth2  370/tcp      codaaauth2
codaaauth2  370/udp      codaaauth2
#                      Robert Watson <robert@cyrus.watson.org>
clearcase   371/tcp      Clearcase
clearcase   371/udp      Clearcase
#                      Dave LeBlang <leblang@atria.com>
ulistproc   372/tcp      ListProcessor
ulistproc   372/udp      ListProcessor
#                      Anastasios Kotsikonas <tasos@cs.bu.edu>
legent-1    373/tcp      Legent Corporation
legent-1    373/udp      Legent Corporation
legent-2    374/tcp      Legent Corporation
legent-2    374/udp      Legent Corporation
#                      Keith Boyce <---none--->
hassle      375/tcp      Hassle
hassle      375/udp      Hassle
#                      Reinhard Doelz <doelz@comp.bioz.unibas.ch>
nip         376/tcp      Amiga Envoy Network Inquiry Proto
nip         376/udp      Amiga Envoy Network Inquiry Proto
#                      Heinz Wrobel <hwrobel@gmx.de>
tnETOS      377/tcp      NEC Corporation
tnETOS      377/udp      NEC Corporation

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| | | |
|-----------------|---------|---|
| dsETOS | 378/tcp | NEC Corporation |
| dsETOS | 378/udp | NEC Corporation |
| # | | Tomoo Fujita <tf@arc.bs1.fc.nec.co.jp> |
| is99c | 379/tcp | TIA/EIA/IS-99 modem client |
| is99c | 379/udp | TIA/EIA/IS-99 modem client |
| is99s | 380/tcp | TIA/EIA/IS-99 modem server |
| is99s | 380/udp | TIA/EIA/IS-99 modem server |
| # | | Frank Quick <fquick@qualcomm.com> |
| hp-collector | 381/tcp | hp performance data collector |
| hp-collector | 381/udp | hp performance data collector |
| hp-managed-node | 382/tcp | hp performance data managed node |
| hp-managed-node | 382/udp | hp performance data managed node |
| hp-alarm-mgr | 383/tcp | hp performance data alarm manager |
| hp-alarm-mgr | 383/udp | hp performance data alarm manager |
| # | | Frank Blakely <frankb@hpptc16.rose.hp.com> |
| arns | 384/tcp | A Remote Network Server System |
| arns | 384/udp | A Remote Network Server System |
| # | | David Hornsby <djh@munnari.OZ.AU> |
| ibm-app | 385/tcp | IBM Application |
| ibm-app | 385/udp | IBM Application |
| # | | Lisa Tomita <----none----> |
| asa | 386/tcp | ASA Message Router Object Def. |
| asa | 386/udp | ASA Message Router Object Def. |
| # | | Steve Laitinen <laitinen@brutus.aa.ab.com> |
| aurp | 387/tcp | Appletalk Update-Based Routing Pro. |
| aurp | 387/udp | Appletalk Update-Based Routing Pro. |
| # | | Chris Ranch <cranch@novell.com> |
| unidata-ldm | 388/tcp | Unidata LDM |
| unidata-ldm | 388/udp | Unidata LDM |
| # | | Glenn Davis <support@unidata.ucar.edu> |
| ldap | 389/tcp | Lightweight Directory Access Protocol |
| ldap | 389/udp | Lightweight Directory Access Protocol |
| # | | Tim Howes <Tim.Howes@terminator.cc.umich.edu> |
| uis | 390/tcp | UIS |
| uis | 390/udp | UIS |
| # | | Ed Barron <----none----> |
| synotics-relay | 391/tcp | SynOptics SNMP Relay Port |
| synotics-relay | 391/udp | SynOptics SNMP Relay Port |
| synotics-broker | 392/tcp | SynOptics Port Broker Port |
| synotics-broker | 392/udp | SynOptics Port Broker Port |
| # | | Illan Raab <iraab@synoptics.com> |
| meta5 | 393/tcp | Meta5 |
| meta5 | 393/udp | Meta5 |
| # | | Jim Kanzler <jim.kanzler@meta5.com> |
| embl-ndt | 394/tcp | EMBL Nucleic Data Transfer |
| embl-ndt | 394/udp | EMBL Nucleic Data Transfer |
| # | | Peter Gad <peter@bmc.uu.se> |
| netcp | 395/tcp | NETscout Control Protocol |
| netcp | 395/udp | NETscout Control Protocol |
| # | | Anil Singhal <----none----> |
| netware-ip | 396/tcp | Novell Netware over IP |
| netware-ip | 396/udp | Novell Netware over IP |
| mptn | 397/tcp | Multi Protocol Trans. Net. |
| mptn | 397/udp | Multi Protocol Trans. Net. |
| # | | Soumitra Sarkar <sarkar@vnet.ibm.com> |
| kryptolan | 398/tcp | Kryptolan |
| kryptolan | 398/udp | Kryptolan |

| | | |
|----------------|---------|---|
| # | | Peter de Laval <pdl@sectra.se> |
| iso-tsap-c2 | 399/tcp | ISO Transport Class 2 Non-Control over TCP |
| iso-tsap-c2 | 399/udp | ISO Transport Class 2 Non-Control over UDP |
| # | | Yanick Pouffary <pouffary@taec.enet.dec.com> |
| work-sol | 400/tcp | Workstation Solutions |
| work-sol | 400/udp | Workstation Solutions |
| # | | Jim Ward <jimw@worksta.com> |
| ups | 401/tcp | Uninterruptible Power Supply |
| ups | 401/udp | Uninterruptible Power Supply |
| # | | Charles Bennett <chuck@benatong.com> |
| genie | 402/tcp | Genie Protocol |
| genie | 402/udp | Genie Protocol |
| # | | Mark Hankin <---none--- |
| decap | 403/tcp | decap |
| decap | 403/udp | decap |
| nced | 404/tcp | nced |
| nced | 404/udp | nced |
| ncld | 405/tcp | ncld |
| ncld | 405/udp | ncld |
| # | | Richard Jones <---none--- |
| imsp | 406/tcp | Interactive Mail Support Protocol |
| imsp | 406/udp | Interactive Mail Support Protocol |
| # | | John Myers <jgm+@cmu.edu> |
| timbuktu | 407/tcp | Timbuktu |
| timbuktu | 407/udp | Timbuktu |
| # | | Marc Epard <marc@netopia.com> |
| prm-sm | 408/tcp | Prospero Resource Manager Sys. Man. |
| prm-sm | 408/udp | Prospero Resource Manager Sys. Man. |
| prm-nm | 409/tcp | Prospero Resource Manager Node Man. |
| prm-nm | 409/udp | Prospero Resource Manager Node Man. |
| # | | B. Clifford Neuman <bcn@isi.edu> |
| decladdebug | 410/tcp | DECLaddebug Remote Debug Protocol |
| decladdebug | 410/udp | DECLaddebug Remote Debug Protocol |
| # | | Anthony Berent <anthony.berent@reo.mts.dec.com> |
| rmt | 411/tcp | Remote MT Protocol |
| rmt | 411/udp | Remote MT Protocol |
| # | | Peter Eriksson <pen@lysator.liu.se> |
| synoptics-trap | 412/tcp | Trap Convention Port |
| synoptics-trap | 412/udp | Trap Convention Port |
| # | | Illan Raab <iraab@synoptics.com> |
| smsp | 413/tcp | Storage Management Services Protocol |
| smsp | 413/udp | Storage Management Services Protocol |
| # | | Murthy Srinivas <murthy@novell.com> |
| infoseek | 414/tcp | InfoSeek |
| infoseek | 414/udp | InfoSeek |
| # | | Steve Kirsch <stk@infoseek.com> |
| bnet | 415/tcp | BNet |
| bnet | 415/udp | BNet |
| # | | Jim Mertz <JMertz+RV09@rvdc.unisys.com> |
| silverplatter | 416/tcp | Silverplatter |
| silverplatter | 416/udp | Silverplatter |
| # | | Peter Ciuffetti <petec@silverplatter.com> |
| onmux | 417/tcp | Onmux |
| onmux | 417/udp | Onmux |
| # | | Stephen Hanna <hanna@world.std.com> |
| hyper-g | 418/tcp | Hyper-G |
| hyper-g | 418/udp | Hyper-G |

| | | |
|----------------|---------|--|
| # | | Frank Kappe <fkappe@iicm.tu-graz.ac.at> |
| ariell | 419/tcp | Ariel 1 |
| ariell | 419/udp | Ariel 1 |
| # | | Joel Karafin <jkarafin@infotrieve.com> |
| smpte | 420/tcp | SMPTE |
| smpte | 420/udp | SMPTE |
| # | | Si Becker <71362.22@CompuServe.COM> |
| ariel2 | 421/tcp | Ariel 2 |
| ariel2 | 421/udp | Ariel 2 |
| ariel3 | 422/tcp | Ariel 3 |
| ariel3 | 422/udp | Ariel 3 |
| # | | Joel Karafin <jkarafin@infotrieve.com> |
| opc-job-start | 423/tcp | IBM Operations Planning and Control Start |
| opc-job-start | 423/udp | IBM Operations Planning and Control Start |
| opc-job-track | 424/tcp | IBM Operations Planning and Control Track |
| opc-job-track | 424/udp | IBM Operations Planning and Control Track |
| # | | Conny Larsson <cocke@VNET.IBM.COM> |
| icad-el | 425/tcp | ICAD |
| icad-el | 425/udp | ICAD |
| # | | Larry Stone <lcs@icad.com> |
| smartsdp | 426/tcp | smartsdp |
| smartsdp | 426/udp | smartsdp |
| # | | Marie-Pierre Belanger <belanger_marie@emc.com> |
| svrloc | 427/tcp | Server Location |
| svrloc | 427/udp | Server Location |
| # | | <veizades@ftp.com> |
| ocs_cmu | 428/tcp | OCS_CMU |
| ocs_cmu | 428/udp | OCS_CMU |
| ocs_amu | 429/tcp | OCS_AMU |
| ocs_amu | 429/udp | OCS_AMU |
| # | | Florence Wyman <wyman@peabody.plk.af.mil> |
| utmpsd | 430/tcp | UTMPSD |
| utmpsd | 430/udp | UTMPSD |
| utmpcd | 431/tcp | UTMPCD |
| utmpcd | 431/udp | UTMPCD |
| iasd | 432/tcp | IASD |
| iasd | 432/udp | IASD |
| # | | Nir Baroz <nbaroz@encore.com> |
| nnsdp | 433/tcp | NNSP |
| nnsdp | 433/udp | NNSP |
| # | | Rob Robertson <rob@gangrene.berkeley.edu> |
| mobileip-agent | 434/tcp | MobileIP-Agent |
| mobileip-agent | 434/udp | MobileIP-Agent |
| mobilip-mn | 435/tcp | MobilIP-MN |
| mobilip-mn | 435/udp | MobilIP-MN |
| # | | Kannan Alagappan <kannan@sejour.lkg.dec.com> |
| dna-cml | 436/tcp | DNA-CML |
| dna-cml | 436/udp | DNA-CML |
| # | | Dan Flowers <flowers@smaug.lkg.dec.com> |
| comscm | 437/tcp | comscm |
| comscm | 437/udp | comscm |
| # | | Jim Teague <teague@zso.dec.com> |
| dsfgw | 438/tcp | dsfgw |
| dsfgw | 438/udp | dsfgw |
| # | | Andy McKeen <mckeen@osf.org> |
| dasp | 439/tcp | dasp Thomas Obermair |
| dasp | 439/udp | dasp tommy@inlab.m.eunet.de |

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|----------------|---------|---|
| # | | Thomas Obermair <tommy@inlab.m.eunet.de> |
| sgcp | 440/tcp | sgcp |
| sgcp | 440/udp | sgcp |
| # | | Marshall Rose <mrose@dbc.mtview.ca.us> |
| decvms-sysmgt | 441/tcp | decvms-sysmgt |
| decvms-sysmgt | 441/udp | decvms-sysmgt |
| # | | Lee Barton <barton@star.enet.dec.com> |
| cvc_hostd | 442/tcp | cvc_hostd |
| cvc_hostd | 442/udp | cvc_hostd |
| # | | Bill Davidson <billd@equalizer.cray.com> |
| https | 443/tcp | http protocol over TLS/SSL |
| https | 443/udp | http protocol over TLS/SSL |
| # | | Kipp E.B. Hickman <kipp@mcom.com> |
| snpp | 444/tcp | Simple Network Paging Protocol |
| snpp | 444/udp | Simple Network Paging Protocol |
| # | | [RFC1568] |
| microsoft-ds | 445/tcp | Microsoft-DS |
| microsoft-ds | 445/udp | Microsoft-DS |
| # | | Pradeep Bahl <pradeepb@microsoft.com> |
| ddm-rdb | 446/tcp | DDM-Remote Relational Database Access |
| ddm-rdb | 446/udp | DDM-Remote Relational Database Access |
| ddm-dfm | 447/tcp | DDM-Distributed File Management |
| ddm-dfm | 447/udp | DDM-Distributed File Management |
| # | | Steven Ritland <srr@us.ibm.com> |
| ddm-ssl | 448/tcp | DDM-Remote DB Access Using Secure Sockets |
| ddm-ssl | 448/udp | DDM-Remote DB Access Using Secure Sockets |
| # | | Steven Ritland <srr@us.ibm.com> |
| as-servermap | 449/tcp | AS Server Mapper |
| as-servermap | 449/udp | AS Server Mapper |
| # | | Barbara Foss <BGFOSS@rchvmv.vnet.ibm.com> |
| tserver | 450/tcp | Computer Supported Telecommunication Applications |
| tserver | 450/udp | Computer Supported Telecommunication Applications |
| # | | Harvey S. Schultz <harvey@acm.org> |
| sfs-smp-net | 451/tcp | Cray Network Semaphore server |
| sfs-smp-net | 451/udp | Cray Network Semaphore server |
| sfs-config | 452/tcp | Cray SFS config server |
| sfs-config | 452/udp | Cray SFS config server |
| # | | Walter Poxon <wdp@ironwood.cray.com> |
| creativeserver | 453/tcp | CreativeServer |
| creativeserver | 453/udp | CreativeServer |
| contentserver | 454/tcp | ContentServer |
| contentserver | 454/udp | ContentServer |
| creativepartnr | 455/tcp | CreativePartnr |
| creativepartnr | 455/udp | CreativePartnr |
| # | | Jesus Ortiz <jesus_ortiz@emotion.com> |
| macon-tcp | 456/tcp | macon-tcp |
| macon-udp | 456/udp | macon-udp |
| # | | Yoshinobu Inoue |
| # | | <shin@hodaka.mfd.cs.fujitsu.co.jp> |
| scohelp | 457/tcp | scohelp |
| scohelp | 457/udp | scohelp |
| # | | Faith Zack <faithz@sco.com> |
| appleqtc | 458/tcp | apple quick time |
| appleqtc | 458/udp | apple quick time |
| # | | Murali Ranganathan |
| # | | <murali_ranganathan@quickmail.apple.com> |
| ampr-rcmd | 459/tcp | ampr-rcmd |

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| ampr-rcmd | 459/udp | ampr-rcmd |
| # | | Rob Janssen <rob@sys3.pelchl.ampr.org> |
| skronk | 460/tcp | skronk |
| skronk | 460/udp | skronk |
| # | | Henry Strickland <strick@yak.net> |
| datasurfsrv | 461/tcp | DataRampSrv |
| datasurfsrv | 461/udp | DataRampSrv |
| datasurfsrvsec | 462/tcp | DataRampSrvSec |
| datasurfsrvsec | 462/udp | DataRampSrvSec |
| # | | Diane Downie <downie@jibe.MV.COM> |
| alpes | 463/tcp | alpes |
| alpes | 463/udp | alpes |
| # | | Alain Durand <Alain.Durand@imag.fr> |
| kpasswd | 464/tcp | kpasswd |
| kpasswd | 464/udp | kpasswd |
| # | | Theodore Ts'o <tytso@MIT.EDU> |
| urd | 465/tcp | URL Rendesvous Directory for SSM |
| igmpv3lite | 465/udp | IGMP over UDP for SSM |
| # | | Toerless Eckert <eckert@cisco.com> |
| digital-vrc | 466/tcp | digital-vrc |
| digital-vrc | 466/udp | digital-vrc |
| # | | Peter Higginson <higginson@mail.dec.com> |
| mylex-mapd | 467/tcp | mylex-mapd |
| mylex-mapd | 467/udp | mylex-mapd |
| # | | Gary Lewis <GaryL@hq.mylex.com> |
| photuris | 468/tcp | proturis |
| photuris | 468/udp | proturis |
| # | | Bill Simpson <Bill.Simpson@um.cc.umich.edu> |
| rcp | 469/tcp | Radio Control Protocol |
| rcp | 469/udp | Radio Control Protocol |
| # | | Jim Jennings +1-708-538-7241 |
| scx-proxy | 470/tcp | scx-proxy |
| scx-proxy | 470/udp | scx-proxy |
| # | | Scott Narveson <sjn@cray.com> |
| mondex | 471/tcp | Mondex |
| mondex | 471/udp | Mondex |
| # | | Bill Reding <redingb@nwdt.natwest.co.uk> |
| ljk-login | 472/tcp | ljk-login |
| ljk-login | 472/udp | ljk-login |
| # | | LJK Software, Cambridge, Massachusetts |
| # | | <support@ljk.com> |
| hybrid-pop | 473/tcp | hybrid-pop |
| hybrid-pop | 473/udp | hybrid-pop |
| # | | Rami Rubin <rami@hybrid.com> |
| tn-tl-w1 | 474/tcp | tn-tl-w1 |
| tn-tl-w2 | 474/udp | tn-tl-w2 |
| # | | Ed Kress <eskress@thinknet.com> |
| tcpnethaspsrv | 475/tcp | tcpnethaspsrv |
| tcpnethaspsrv | 475/udp | tcpnethaspsrv |
| # | | Charlie Hava <charlie@aladdin.co.il> |
| tn-tl-fd1 | 476/tcp | tn-tl-fd1 |
| tn-tl-fd1 | 476/udp | tn-tl-fd1 |
| # | | Ed Kress <eskress@thinknet.com> |
| ss7ns | 477/tcp | ss7ns |
| ss7ns | 477/udp | ss7ns |
| # | | Jean-Michel URSCH <ursch@taec.enet.dec.com> |
| spsc | 478/tcp | spsc |

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| spsc | 478/udp | spsc |
| # | | Mike Rieker <mikea@sp32.com> |
| iafserver | 479/tcp | iafserver |
| iafserver | 479/udp | iafserver |
| iafdbase | 480/tcp | iafdbase |
| iafdbase | 480/udp | iafdbase |
| # | | ricky@solect.com <Rick Yazwinski> |
| ph | 481/tcp | Ph service |
| ph | 481/udp | Ph service |
| # | | Roland Hedberg <Roland.Hedberg@umdac.umu.se> |
| bgs-nsi | 482/tcp | bgs-nsi |
| bgs-nsi | 482/udp | bgs-nsi |
| # | | Jon Saperia <saperia@bgs.com> |
| ulpnet | 483/tcp | ulpnet |
| ulpnet | 483/udp | ulpnet |
| # | | Kevin Mooney <kevinm@bfs.unibol.com> |
| integra-sme | 484/tcp | Integra Software Management Environment |
| integra-sme | 484/udp | Integra Software Management Environment |
| # | | Randall Dow <rand@randix.m.isr.de> |
| powerburst | 485/tcp | Air Soft Power Burst |
| powerburst | 485/udp | Air Soft Power Burst |
| # | | <gary@airsoft.com> |
| avian | 486/tcp | avian |
| avian | 486/udp | avian |
| # | | Robert Ullmann |
| # | | <Robert_Ullmann/CAM/Lotus.LOTUS@crd.lotus.com> |
| saft | 487/tcp | saft Simple Asynchronous File Transfer |
| saft | 487/udp | saft Simple Asynchronous File Transfer |
| # | | Ulli Horlacher <framstag@rus.uni-stuttgart.de> |
| gss-http | 488/tcp | gss-http |
| gss-http | 488/udp | gss-http |
| # | | Doug Rosenthal <rosenthl@krypton.einet.net> |
| nest-protocol | 489/tcp | nest-protocol |
| nest-protocol | 489/udp | nest-protocol |
| # | | Gilles Gameiro <ggameiro@birdland.com> |
| micom-pfs | 490/tcp | micom-pfs |
| micom-pfs | 490/udp | micom-pfs |
| # | | David Misunas <DMisunas@micom.com> |
| go-login | 491/tcp | go-login |
| go-login | 491/udp | go-login |
| # | | Troy Morrison <troy@graphon.com> |
| ticf-1 | 492/tcp | Transport Independent Convergence for FNA |
| ticf-1 | 492/udp | Transport Independent Convergence for FNA |
| ticf-2 | 493/tcp | Transport Independent Convergence for FNA |
| ticf-2 | 493/udp | Transport Independent Convergence for FNA |
| # | | Mamoru Ito <Ito@pcnet.ks.pfu.co.jp> |
| pov-ray | 494/tcp | POV-Ray |
| pov-ray | 494/udp | POV-Ray |
| # | | POV-Team Co-ordinator |
| # | | <iana-port.remove-spamguard@povray.org> |
| intecourier | 495/tcp | intecourier |
| intecourier | 495/udp | intecourier |
| # | | Steve Favor <sfavor@tigger.intecom.com> |
| pim-rp-disc | 496/tcp | PIM-RP-DISC |
| pim-rp-disc | 496/udp | PIM-RP-DISC |
| # | | Dino Farinacci <dino@cisco.com> |
| dantz | 497/tcp | dantz |

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| dantz | 497/udp | dantz |
| # | | Richard Zulch <richard_zulch@dantz.com> |
| siam | 498/tcp | siam |
| siam | 498/udp | siam |
| # | | Philippe Gilbert <pgilbert@cal.fr> |
| iso-ill | 499/tcp | ISO ILL Protocol |
| iso-ill | 499/udp | ISO ILL Protocol |
| # | | Mark H. Needleman <markn@sirsi.com> |
| isakmp | 500/tcp | isakmp |
| isakmp | 500/udp | isakmp |
| # | | Mark Schertler <mjs@tycho.ncsc.mil> |
| stmf | 501/tcp | STMF |
| stmf | 501/udp | STMF |
| # | | Alan Ungar <aungar@farradyne.com> |
| asa-appl-PROTO | 502/tcp | asa-appl-PROTO |
| asa-appl-PROTO | 502/udp | asa-appl-PROTO |
| # | | Dennis Dube <ddube@modicon.com> |
| intrinsa | 503/tcp | Intrinsa |
| intrinsa | 503/udp | Intrinsa |
| # | | Robert Ford <robert@intrinsa.com> |
| citadel | 504/tcp | citadel |
| citadel | 504/udp | citadel |
| # | | Art Cancro <ajc@uncensored.citadel.org> |
| mailbox-lm | 505/tcp | mailbox-lm |
| mailbox-lm | 505/udp | mailbox-lm |
| # | | Beverly Moody <Beverly_Moody@stercomm.com> |
| ohimsrv | 506/tcp | ohimsrv |
| ohimsrv | 506/udp | ohimsrv |
| # | | Scott Powell <spowell@openhorizon.com> |
| crs | 507/tcp | crs |
| crs | 507/udp | crs |
| # | | Brad Wright <bradwr@microsoft.com> |
| xvttp | 508/tcp | xvttp |
| xvttp | 508/udp | xvttp |
| # | | Keith J. Alphonso <alphonso@ncs-ssc.com> |
| snare | 509/tcp | snare |
| snare | 509/udp | snare |
| # | | Dennis Batchelder <dennis@capres.com> |
| fcp | 510/tcp | FirstClass Protocol |
| fcp | 510/udp | FirstClass Protocol |
| # | | Mike Marshburn <paul@softarc.com> |
| passgo | 511/tcp | PassGo |
| passgo | 511/udp | PassGo |
| # | | John Rainford <jrainford@passgo.com> |
| exec | 512/tcp | remote process execution; |
| # | | authentication performed using |
| # | | passwords and UNIX login names |
| comsat | 512/udp | |
| biff | 512/udp | used by mail system to notify users |
| # | | of new mail received; currently |
| # | | receives messages only from |
| # | | processes on the same machine |
| login | 513/tcp | remote login a la telnet; |
| # | | automatic authentication performed |
| # | | based on privileged port numbers |
| # | | and distributed data bases which |
| # | | identify "authentication domains" |

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| who | 513/udp | maintains data bases showing who's |
| # | | logged in to machines on a local |
| # | | net and the load average of the |
| # | | machine |
| shell | 514/tcp | cmd |
| # | | like exec, but automatic authentication |
| # | | is performed as for login server |
| syslog | 514/udp | |
| printer | 515/tcp | spooler |
| printer | 515/udp | spooler |
| videotex | 516/tcp | videotex |
| videotex | 516/udp | videotex |
| # | | Daniel Mavrakis <system@venus.mctel.fr> |
| talk | 517/tcp | like tenex link, but across |
| # | | machine - unfortunately, doesn't |
| # | | use link protocol (this is actually |
| # | | just a rendezvous port from which a |
| # | | tcp connection is established) |
| talk | 517/udp | like tenex link, but across |
| # | | machine - unfortunately, doesn't |
| # | | use link protocol (this is actually |
| # | | just a rendezvous port from which a |
| # | | tcp connection is established) |
| ntalk | 518/tcp | |
| ntalk | 518/udp | |
| utime | 519/tcp | unixtime |
| utime | 519/udp | unixtime |
| efs | 520/tcp | extended file name server |
| router | 520/udp | local routing process (on site); |
| # | | uses variant of Xerox NS routing |
| # | | information protocol - RIP |
| ripng | 521/tcp | ripng |
| ripng | 521/udp | ripng |
| # | | Robert E. Minnear <minnear@epsilon.com> |
| ulp | 522/tcp | ULP |
| ulp | 522/udp | ULP |
| # | | Max Morris <maxm@MICROSOFT.com> |
| ibm-db2 | 523/tcp | IBM-DB2 |
| ibm-db2 | 523/udp | IBM-DB2 |
| # | | Juliana Hsu <jhsu@ca.ibm.com> |
| ncp | 524/tcp | NCP |
| ncp | 524/udp | NCP |
| # | | Don Provan <donp@sjf.novell.com> |
| timed | 525/tcp | timeserver |
| timed | 525/udp | timeserver |
| tempo | 526/tcp | newdate |
| tempo | 526/udp | newdate |
| # | | Unknown |
| stx | 527/tcp | Stock IXChange |
| stx | 527/udp | Stock IXChange |
| custix | 528/tcp | Customer IXChange |
| custix | 528/udp | Customer IXChange |
| # | | Ferdi Ladeira <ferdil@fraxion.biz> |
| irc-serv | 529/tcp | IRC-SERV |
| irc-serv | 529/udp | IRC-SERV |
| # | | Brian Tackett <cym@acrux.net> |
| courier | 530/tcp | rpc |

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courier          530/udp    rpc
conference      531/tcp    chat
conference      531/udp    chat
netnews         532/tcp    readnews
netnews         532/udp    readnews
netwall         533/tcp    for emergency broadcasts
netwall         533/udp    for emergency broadcasts
#
#               Andreas Heidemann <a.heidemann@ais-gmbh.de>
windream        534/tcp    windream Admin
windream        534/udp    windream Admin
#
#               Uwe Honermann <u.honermann@windream.com>
iiop            535/tcp    iiop
iiop            535/udp    iiop
#
#               Jeff M. Michaud <michaud@zk3.dec.com>
opalis-rdv      536/tcp    opalis-rdv
opalis-rdv      536/udp    opalis-rdv
#
#               Laurent Domenech <ldomenech@opalis.com>
nmosp           537/tcp    Networked Media Streaming Protocol
nmosp           537/udp    Networked Media Streaming Protocol
#
#               Paul Santinelli Jr. <psantinelli@narrative.com>
gdomap          538/tcp    gdomap
gdomap          538/udp    gdomap
#
#               Richard Frith-Macdonald <richard@brainstorm.co.uk>
apertus-ldp     539/tcp    Apertus Technologies Load Determination
apertus-ldp     539/udp    Apertus Technologies Load Determination
uucp            540/tcp    uucpd
uucp            540/udp    uucpd
uucp-rlogin     541/tcp    uucp-rlogin
uucp-rlogin     541/udp    uucp-rlogin
#
#               Stuart Lynne <sl@wimsey.com>
commerce        542/tcp    commerce
commerce        542/udp    commerce
#
#               Randy Epstein <repstein@hostleasing.net>
klogin          543/tcp
klogin          543/udp
kshell           544/tcp    krcmd
kshell           544/udp    krcmd
appleqtcsrvr    545/tcp    appleqtcsrvr
appleqtcsrvr    545/udp    appleqtcsrvr
#
#               Murali Ranganathan
#               <Murali_Ranganathan@quickmail.apple.com>
dhcpcv6-client  546/tcp    DHCPv6 Client
dhcpcv6-client  546/udp    DHCPv6 Client
dhcpcv6-server  547/tcp    DHCPv6 Server
dhcpcv6-server  547/udp    DHCPv6 Server
#
#               Jim Bound <bound@zk3.dec.com>
afpovertcp      548/tcp    AFP over TCP
afpovertcp      548/udp    AFP over TCP
#
#               Leland Wallace <randall@apple.com>
idfp            549/tcp    IDFP
idfp            549/udp    IDFP
#
#               Ramana Kovi <ramana@kovi.com>
new-rwho        550/tcp    new-who
new-rwho        550/udp    new-who
cybercash       551/tcp    cybercash
cybercash       551/udp    cybercash
#
#               Donald E. Eastlake 3rd <dee@cybercash.com>

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|----------------|---------|---|
| devshr-nts | 552/tcp | DeviceShare |
| devshr-nts | 552/udp | DeviceShare |
| # | | Benjamin Rosenberg <brosenberg@advsyscon.com> |
| pirp | 553/tcp | pirp |
| pirp | 553/udp | pirp |
| # | | D. J. Bernstein <djb@silverton.berkeley.edu> |
| rtsp | 554/tcp | Real Time Stream Control Protocol |
| rtsp | 554/udp | Real Time Stream Control Protocol |
| # | | Rob Lanphier <robla@prognnet.com> |
| dsf | 555/tcp | |
| dsf | 555/udp | |
| remotefs | 556/tcp | rfs server |
| remotefs | 556/udp | rfs server |
| openvms-sysipc | 557/tcp | openvms-sysipc |
| openvms-sysipc | 557/udp | openvms-sysipc |
| # | | Alan Potter <potter@movies.enet.dec.com> |
| sdnskmp | 558/tcp | SDNSKMP |
| sdnskmp | 558/udp | SDNSKMP |
| teedtap | 559/tcp | TEEDTAP |
| teedtap | 559/udp | TEEDTAP |
| # | | Charlie Limoges <Charlie.Limoges@GDC4S.com> |
| rmonitor | 560/tcp | rmonitord |
| rmonitor | 560/udp | rmonitord |
| monitor | 561/tcp | |
| monitor | 561/udp | |
| chshell | 562/tcp | chcmd |
| chshell | 562/udp | chcmd |
| nntps | 563/tcp | nntp protocol over TLS/SSL (was snntp) |
| nntps | 563/udp | nntp protocol over TLS/SSL (was snntp) |
| # | | Kipp E.B. Hickman <kipp@netscape.com> |
| 9pfs | 564/tcp | plan 9 file service |
| 9pfs | 564/udp | plan 9 file service |
| whoami | 565/tcp | whoami |
| whoami | 565/udp | whoami |
| streettalk | 566/tcp | streettalk |
| streettalk | 566/udp | streettalk |
| banyan-rpc | 567/tcp | banyan-rpc |
| banyan-rpc | 567/udp | banyan-rpc |
| # | | Tom Lemaire <toml@banyan.com> |
| ms-shuttle | 568/tcp | microsoft shuttle |
| ms-shuttle | 568/udp | microsoft shuttle |
| # | | Rudolph Balaz <rudolphb@microsoft.com> |
| ms-rome | 569/tcp | microsoft rome |
| ms-rome | 569/udp | microsoft rome |
| # | | Rudolph Balaz <rudolphb@microsoft.com> |
| meter | 570/tcp | demon |
| meter | 570/udp | demon |
| meter | 571/tcp | udemon |
| meter | 571/udp | udemon |
| sonar | 572/tcp | sonar |
| sonar | 572/udp | sonar |
| # | | Keith Moore <moore@cs.utk.edu> |
| banyan-vip | 573/tcp | banyan-vip |
| banyan-vip | 573/udp | banyan-vip |
| # | | Denis Leclerc <DLeclerc@banyan.com> |
| ftp-agent | 574/tcp | FTP Software Agent System |
| ftp-agent | 574/udp | FTP Software Agent System |

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#                               Michael S. Greenberg <arnoff@ftp.com>
vemmi                575/tcp    VEMMI
vemmi                575/udp    VEMMI
#                               Daniel Mavrakis <mavrakis@mctel.fr>
ipcd                 576/tcp    ipcd
ipcd                 576/udp    ipcd
vnas                 577/tcp    vnas
vnas                 577/udp    vnas
ipdd                 578/tcp    ipdd
ipdd                 578/udp    ipdd
#                               Jay Farhat <jfarhat@ipass.com>
decbsrv              579/tcp    decbsrv
decbsrv              579/udp    decbsrv
#                               Rudi Martin <movies::martin"@movies.enet.dec.com>
snmp-heartbeat      580/tcp    SNMP HEARTBEAT
snmp-heartbeat      580/udp    SNMP HEARTBEAT
#                               Louis Mamakos <louie@uu.net>
bdp                  581/tcp    Bundle Discovery Protocol
bdp                  581/udp    Bundle Discovery Protocol
#                               Gary Malkin <gmalkin@xylogics.com>
scc-security        582/tcp    SCC Security
scc-security        582/udp    SCC Security
#                               Prashant Dholakia <prashant@semaphorecom.com>
philips-vc          583/tcp    Philips Video-Conferencing
philips-vc          583/udp    Philips Video-Conferencing
#                               Janna Chang <janna@pmc.philips.com>
keyserver           584/tcp    Key Server
keyserver           584/udp    Key Server
#                               Gary Howland <gary@systemics.com>
#                               585      De-registered (25 April 2006)
#                               Use of 585 is not recommended, use 993 instead
password-chg        586/tcp    Password Change
password-chg        586/udp    Password Change
submission          587/tcp    Submission
submission          587/udp    Submission
#                               [RFC4409]
cal                  588/tcp    CAL
cal                  588/udp    CAL
#                               Myron Hattig <Myron_Hattig@ccm.jf.intel.com>
eyelink             589/tcp    EyeLink
eyelink             589/udp    EyeLink
#                               Dave Stampe <dstampe@psych.toronto.edu>
tns-cml             590/tcp    TNS CML
tns-cml             590/udp    TNS CML
#                               Jerome Albin <albin@taec.enet.dec.com>
http-alt            591/tcp    FileMaker, Inc. - HTTP Alternate (see Port 80)
http-alt            591/udp    FileMaker, Inc. - HTTP Alternate (see Port 80)
#                               Clay Maeckel <clay_maeckel@filemaker.com>
eudora-set          592/tcp    Eudora Set
eudora-set          592/udp    Eudora Set
#                               Randall Gellens <randy@qualcomm.com>
http-rpc-epmap     593/tcp    HTTP RPC Ep Map
http-rpc-epmap     593/udp    HTTP RPC Ep Map
#                               Edward Reus <edwardr@microsoft.com>
tpip                594/tcp    TPIP
tpip                594/udp    TPIP
#                               Brad Spear <spears@platinum.com>

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| | | |
|----------------|---------|--|
| cab-protocol | 595/tcp | CAB Protocol |
| cab-protocol | 595/udp | CAB Protocol |
| # | | Winston Hetherington |
| smsd | 596/tcp | SMSD |
| smsd | 596/udp | SMSD |
| # | | Wayne Barlow <web@unx.dec.com> |
| ptcnameservice | 597/tcp | PTC Name Service |
| ptcnameservice | 597/udp | PTC Name Service |
| # | | Yuri Machkasov <yuri@ptc.com> |
| sco-websrvrmg3 | 598/tcp | SCO Web Server Manager 3 |
| sco-websrvrmg3 | 598/udp | SCO Web Server Manager 3 |
| # | | Simon Baldwin <simonb@sco.com> |
| acp | 599/tcp | Aeolon Core Protocol |
| acp | 599/udp | Aeolon Core Protocol |
| # | | Michael Alyn Miller <iana@aeolon.com> |
| ipcserver | 600/tcp | Sun IPC server |
| ipcserver | 600/udp | Sun IPC server |
| # | | Bill Schiefelbein <schief@aspen.cray.com> |
| syslog-conn | 601/tcp | Reliable Syslog Service |
| syslog-conn | 601/udp | Reliable Syslog Service |
| # | | RFC 3195 |
| xmlrpc-beep | 602/tcp | XML-RPC over BEEP |
| xmlrpc-beep | 602/udp | XML-RPC over BEEP |
| # | | RFC3529 <ftp://ftp.isi.edu/in-notes/rfc3529.txt> |
| March 2003 | | |
| idxp | 603/tcp | IDXP |
| idxp | 603/udp | IDXP |
| # | | RFC-ietf-idwg-beep-idxp-07.txt |
| tunnel | 604/tcp | TUNNEL |
| tunnel | 604/udp | TUNNEL |
| # | | RFC3620 |
| soap-beep | 605/tcp | SOAP over BEEP |
| soap-beep | 605/udp | SOAP over BEEP |
| # | | RFC3288 <ftp://ftp.isi.edu/in-notes/rfc3288.txt> |
| April 2002 | | |
| urm | 606/tcp | Cray Unified Resource Manager |
| urm | 606/udp | Cray Unified Resource Manager |
| nqs | 607/tcp | nqs |
| nqs | 607/udp | nqs |
| # | | Bill Schiefelbein <schief@aspen.cray.com> |
| sift-uft | 608/tcp | Sender-Initiated/Unsolicited File Transfer |
| sift-uft | 608/udp | Sender-Initiated/Unsolicited File Transfer |
| # | | Rick Troth <troth@rice.edu> |
| npmp-trap | 609/tcp | npmp-trap |
| npmp-trap | 609/udp | npmp-trap |
| npmp-local | 610/tcp | npmp-local |
| npmp-local | 610/udp | npmp-local |
| npmp-gui | 611/tcp | npmp-gui |
| npmp-gui | 611/udp | npmp-gui |
| # | | John Barnes <jbarnes@crl.com> |
| hmmp-ind | 612/tcp | HMMP Indication |
| hmmp-ind | 612/udp | HMMP Indication |
| hmmp-op | 613/tcp | HMMP Operation |
| hmmp-op | 613/udp | HMMP Operation |
| # | | Andrew Sinclair <andrsin@microsoft.com> |
| sshell | 614/tcp | SSLshell |
| sshell | 614/udp | SSLshell |


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#           Simon J. Gerraty <sjg@quick.com.au>
sco-inetmgr 615/tcp      Internet Configuration Manager
sco-inetmgr 615/udp      Internet Configuration Manager
sco-sysmgr 616/tcp      SCO System Administration Server
sco-sysmgr 616/udp      SCO System Administration Server
sco-dtmgr 617/tcp      SCO Desktop Administration Server
sco-dtmgr 617/udp      SCO Desktop Administration Server
#           Christopher Durham <chrisdu@sco.com>
dei-icda 618/tcp      DEI-ICDA
dei-icda 618/udp      DEI-ICDA
#           David Turner <digital@Quetico.tbaytel.net>
compaq-evm 619/tcp      Compaq EVM
compaq-evm 619/udp      Compaq EVM
#           Jem Treadwell <Jem.Treadwell@compaq.com>
sco-websrvrmgr 620/tcp    SCO WebServer Manager
sco-websrvrmgr 620/udp    SCO WebServer Manager
#           Christopher Durham <chrisdu@sco.com>
escp-ip 621/tcp      ESCP
escp-ip 621/udp      ESCP
#           Lai Zit Seng <lzs@pobox.com>
collaborator 622/tcp    Collaborator
collaborator 622/udp    Collaborator
#           Johnson Davis <johnsond@opteamasoft.com>
asf-rmcp 623/tcp      ASF Remote Management and Control Protocol
asf-rmcp 623/udp      ASF Remote Management and Control Protocol
#           Carl First <Carl.L.First@intel.com>
cryptoadmin 624/tcp    Crypto Admin
cryptoadmin 624/udp    Crypto Admin
#           Tony Walker <tony@cryptocard.com>
dec_dlm 625/tcp      DEC DLM
dec_dlm 625/udp      DEC DLM
#           Rudi Martin <Rudi.Martin@edo.mts.dec.com>
asia 626/tcp      ASIA
asia 626/udp      ASIA
#           Michael Dasenbrock <dasenbro@apple.com>
passgo-tivoli 627/tcp    PassGo Tivoli
passgo-tivoli 627/udp    PassGo Tivoli
#           John Rainford <john.rainford@passgo.com>
qmqp 628/tcp      QMQP
qmqp 628/udp      QMQP
#           Dan Bernstein <djb@cr.yip.to>
3com-amp3 629/tcp      3Com AMP3
3com-amp3 629/udp      3Com AMP3
#           Prakash Banthia <prakash_banthia@3com.com>
rda 630/tcp      RDA
rda 630/udp      RDA
#           John Hadjioannou <john@minster.co.uk>
ipp 631/tcp      IPP (Internet Printing Protocol)
ipp 631/udp      IPP (Internet Printing Protocol)
#           Carl-Uno Manros <manros@cp10.es.xerox.com>
bmpp 632/tcp      bmpp
bmpp 632/udp      bmpp
#           Troy Rollo <troy@kroll.corvu.com.au>
servstat 633/tcp      Service Status update (Sterling Software)
servstat 633/udp      Service Status update (Sterling Software)
#           Greg Rose <Greg_Rose@sydney.sterling.com>
ginad 634/tcp      ginad

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ginad          634/udp    ginad
#             Mark Crother <mark@eis.calstate.edu>
rlzdbase      635/tcp    RLZ DBase
rlzdbase      635/udp    RLZ DBase
#             Michael Ginn <ginn@tyxar.com>
ldaps         636/tcp    ldap protocol over TLS/SSL (was sldap)
ldaps         636/udp    ldap protocol over TLS/SSL (was sldap)
#             Pat Richard <patr@xcert.com>
lanserver     637/tcp    lanserver
lanserver     637/udp    lanserver
#             Chris Larsson <clarsson@VNET.IBM.COM>
mcns-sec     638/tcp    mcns-sec
mcns-sec     638/udp    mcns-sec
#             Kaz Ozawa <k.ozawa@cablelabs.com>
msdp          639/tcp    MSDP
msdp          639/udp    MSDP
#             Dino Farinacci <dino@cisco.com>
entrust-sps   640/tcp    entrust-sps
entrust-sps   640/udp    entrust-sps
#             Marek Buchler <Marek.Buchler@entrust.com>
repcmd        641/tcp    repcmd
repcmd        641/udp    repcmd
#             Scott Dale <scott@Replicase.com>
esro-emsdp   642/tcp    ESRO-EMSDP V1.3
esro-emsdp   642/udp    ESRO-EMSDP V1.3
#             Mohsen Banan <mohsen@neda.com>
sanity        643/tcp    SANity
sanity        643/udp    SANity
#             Peter Viscarola <PeterGV@osr.com>
dwr           644/tcp    dwr
dwr           644/udp    dwr
#             Bill Fenner <fenner@parc.xerox.com>
pssc          645/tcp    PSSC
pssc          645/udp    PSSC
#             Egon Meier-Engelen <egon.meier-engelen@dlr.de>
ldp           646/tcp    LDP
ldp           646/udp    LDP
#             Bob Thomas <rhthomas@cisco.com>
dhcp-failover 647/tcp    DHCP Failover
dhcp-failover 647/udp    DHCP Failover
#             Bernard Volz <volz@cisco.com>
rrp           648/tcp    Registry Registrar Protocol (RRP)
rrp           648/udp    Registry Registrar Protocol (RRP)
#             Scott Hollenbeck <shollenb@netsol.com>
cadview-3d    649/tcp    Cadview-3d - streaming 3d models over the internet
cadview-3d    649/udp    Cadview-3d - streaming 3d models over the internet
#             David Cooper <david.cooper@oracle.com>
obex          650/tcp    OBEX
obex          650/udp    OBEX
#             Jeff Garbers <FJG030@email.mot.com>
ieee-mms      651/tcp    IEEE MMS
ieee-mms      651/udp    IEEE MMS
#             Curtis Anderson <canderson@turbolinux.com>
hello-port    652/tcp    HELLO_PORT
hello-port    652/udp    HELLO_PORT
#             Patrick Capiere <Patrick.Capiere@UDcast.com>
repscmd       653/tcp    RepCmd

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repscmd          653/udp    RepCmd
#                Scott Dale <scott@tioga.com>
aodv             654/tcp    AODV
aodv             654/udp    AODV
#                Charles Perkins <cperkins@eng.sun.com>
tinc             655/tcp    TINC
tinc             655/udp    TINC
#                Ivo Timmermans <itimmermans@bigfoot.com>
spmp             656/tcp    SPMP
spmp             656/udp    SPMP
#                Jakob Kaivo <jkaivo@nodomainname.net>
rnc              657/tcp    RMC
rnc              657/udp    RMC
#                Michael Schmidt <mmaass@us.ibm.com>
tenfold         658/tcp    TenFold
tenfold         658/udp    TenFold
#                Louis Olszyk <lolszyk@10fold.com>
#                659                Removed (2001-06-06)
mac-srvr-admin  660/tcp    MacOS Server Admin
mac-srvr-admin  660/udp    MacOS Server Admin
#                Forest Hill <forest@apple.com>
hap             661/tcp    HAP
hap             661/udp    HAP
#                Igor Plotnikov <igor@uroam.com>
pftp            662/tcp    PFTP
pftp            662/udp    PFTP
#                Ben Schluricke <support@pftp.de>
purenoise       663/tcp    PureNoise
purenoise       663/udp    PureNoise
#                Sam Osa <pristine@mailcity.com>
asf-secure-rmcp 664/tcp    ASF Secure Remote Management and Control Protocol
asf-secure-rmcp 664/udp    ASF Secure Remote Management and Control Protocol
#                Carl First <Carl.L.First@intel.com>
sun-dr          665/tcp    Sun DR
sun-dr          665/udp    Sun DR
#                Harinder Bhasin <Harinder.Bhasin@Sun.COM>
mdqs            666/tcp    doom Id Software
mdqs            666/udp    doom Id Software
#                <ddt@idcube.idsoftware.com>
disclose        667/tcp    campaign contribution disclosures - SDR Technologies
disclose        667/udp    campaign contribution disclosures - SDR Technologies
#                Jim Dixon <jim@lambda.com>
mecomm          668/tcp    MeComm
mecomm          668/udp    MeComm
mereregister    669/tcp    MeRegister
mereregister    669/udp    MeRegister
#                Armin Sawusch <armin@esd1.esd.de>
vacdsm-sws     670/tcp    VACDSM-SWS
vacdsm-sws     670/udp    VACDSM-SWS
vacdsm-app      671/tcp    VACDSM-APP
vacdsm-app      671/udp    VACDSM-APP
vpps-qua       672/tcp    VPPS-QUA
vpps-qua       672/udp    VPPS-QUA
cimplex        673/tcp    CIMPLEX
cimplex        673/udp    CIMPLEX

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#                               Ulysses G. Smith Jr. <ugsmith@cesi.com>
acap                674/tcp      ACAP
acap                674/udp      ACAP
#                               Chris Newman <chris.newman@sun.com>
dctp                675/tcp      DCTP
dctp                675/udp      DCTP
#                               Andre Kramer <Andre.Kramer@ansa.co.uk>
vpps-via           676/tcp      VPPS Via
vpps-via           676/udp      VPPS Via
#                               Ulysses G. Smith Jr. <ugsmith@cesi.com>
vpp                677/tcp      Virtual Presence Protocol
vpp                677/udp      Virtual Presence Protocol
#                               Klaus Wolf <wolf@cobrow.com>
ggf-ncp            678/tcp      GNU Generation Foundation NCP
ggf-ncp            678/udp      GNU Generation Foundation NCP
#                               Noah Paul <noahp@altavista.net>
mrm                679/tcp      MRM
mrm                679/udp      MRM
#                               Liming Wei <lwei@cisco.com>
entrust-aaas      680/tcp      entrust-aaas
entrust-aaas      680/udp      entrust-aaas
entrust-aams      681/tcp      entrust-aams
entrust-aams      681/udp      entrust-aams
#                               Adrian Mancini <adrian.mancini@entrust.com>
xfr                682/tcp      XFR
xfr                682/udp      XFR
#                               Noah Paul <noahp@ultranet.com>
corba-iiop        683/tcp      CORBA IIOP
corba-iiop        683/udp      CORBA IIOP
corba-iiop-ssl    684/tcp      CORBA IIOP SSL
corba-iiop-ssl    684/udp      CORBA IIOP SSL
#                               Andrew Watson <andrew@omg.org>
mdc-portmapper    685/tcp      MDC Port Mapper
mdc-portmapper    685/udp      MDC Port Mapper
#                               Noah Paul <noahp@altavista.net>
hcp-wismar        686/tcp      Hardware Control Protocol Wismar
hcp-wismar        686/udp      Hardware Control Protocol Wismar
#                               David Merchant <d.f.merchant@livjm.ac.uk>
asipregistry      687/tcp      asipregistry
asipregistry      687/udp      asipregistry
#                               Erik Sea <sea@apple.com>
realm-rusd        688/tcp      ApplianceWare managment protocol
realm-rusd        688/udp      ApplianceWare managment protocol
#                               Stacy Kenworthy <skenworthy@applianceware.com>
nmap              689/tcp      NMAP
nmap              689/udp      NMAP
#                               Peter Dennis Bartok <peter@novonyx.com>
vatp              690/tcp      Velazquez Application Transfer Protocol
vatp              690/udp      Velazquez Application Transfer Protocol
#                               Velneo <velneo@velneo.com>
msexch-routing    691/tcp      MS Exchange Routing
msexch-routing    691/udp      MS Exchange Routing
#                               David Lemson <dlemson@microsoft.com>
hyperwave-isp     692/tcp      Hyperwave-ISP
hyperwave-isp     692/udp      Hyperwave-ISP
#                               Gerald Mesaric <gmesaric@hyperwave.com>
connendp          693/tcp      connendp

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| | | |
|---------------|---------|---|
| connendp | 693/udp | connendp |
| # | | Ronny Bremer <rbremer@future-gate.com> |
| ha-cluster | 694/tcp | ha-cluster |
| ha-cluster | 694/udp | ha-cluster |
| # | | Alan Robertson <alanr@unix.sh> |
| ieee-mms-ssl | 695/tcp | IEEE-MMS-SSL |
| ieee-mms-ssl | 695/udp | IEEE-MMS-SSL |
| # | | Curtis Anderson <ecanderson@turbolinux.com> |
| rushd | 696/tcp | RUSHD |
| rushd | 696/udp | RUSHD |
| # | | Greg Ercolano <erco@netcom.com> |
| uuidgen | 697/tcp | UUIDGEN |
| uuidgen | 697/udp | UUIDGEN |
| # | | James Falkner <james.falkner@sun.com> |
| olsr | 698/tcp | OLSR |
| olsr | 698/udp | OLSR |
| # | | Thomas Clausen <thomas.clausen@inria.fr> |
| accessnetwork | 699/tcp | Access Network |
| accessnetwork | 699/udp | Access Network |
| # | | Yingchun Xu <Yingchun_Xu@3com.com> |
| epp | 700/tcp | Extensible Provisioning Protocol |
| epp | 700/udp | Extensible Provisioning Protocol |
| # | | [RFC-hollenbeck-epp-rfc3734bis-05.txt] |
| lmp | 701/tcp | Link Management Protocol (LMP) |
| lmp | 701/udp | Link Management Protocol (LMP) |
| # | | [RFC4204] |
| iris-beep | 702/tcp | IRIS over BEEP |
| iris-beep | 702/udp | IRIS over BEEP |
| # | | [RFC3983] |
| # | 703 | Unassigned |
| elcsd | 704/tcp | errlog copy/server daemon |
| elcsd | 704/udp | errlog copy/server daemon |
| agentx | 705/tcp | AgentX |
| agentx | 705/udp | AgentX |
| # | | Bob Natale <bob.natale@appliedsnmp.com> |
| silc | 706/tcp | SILC |
| silc | 706/udp | SILC |
| # | | Pekka Riikonen <priikone@poseidon.pspt.fi> |
| borland-dsj | 707/tcp | Borland DSJ |
| borland-dsj | 707/udp | Borland DSJ |
| # | | Gerg Cole <gcole@corp.borland.com> |
| # | 708 | Unassigned |
| entrust-kmsh | 709/tcp | Entrust Key Management Service Handler |
| entrust-kmsh | 709/udp | Entrust Key Management Service Handler |
| entrust-ash | 710/tcp | Entrust Administration Service Handler |
| entrust-ash | 710/udp | Entrust Administration Service Handler |
| # | | Peter Whittaker <pww@entrust.com> |
| cisco-tdp | 711/tcp | Cisco TDP |
| cisco-tdp | 711/udp | Cisco TDP |
| # | | Bruce Davie <bsd@cisco.com> |
| tbrpf | 712/tcp | TBRPF |
| tbrpf | 712/udp | TBRPF |
| # | | RFC3684 |
| # | 713-728 | Unassigned |
| netviewdm1 | 729/tcp | IBM NetView DM/6000 Server/Client |
| netviewdm1 | 729/udp | IBM NetView DM/6000 Server/Client |
| netviewdm2 | 730/tcp | IBM NetView DM/6000 send/tcp |

| | | |
|--------------|---------|--|
| netviewdm2 | 730/udp | IBM NetView DM/6000 send/tcp |
| netviewdm3 | 731/tcp | IBM NetView DM/6000 receive/tcp |
| netviewdm3 | 731/udp | IBM NetView DM/6000 receive/tcp |
| # | | Philippe Binet (phbinet@vnet.IBM.COM) |
| # | 732-740 | Unassigned |
| netgw | 741/tcp | netGW |
| netgw | 741/udp | netGW |
| # | | Oliver Korfmacher (okorf@netcs.com) |
| netrcs | 742/tcp | Network based Rev. Cont. Sys. |
| netrcs | 742/udp | Network based Rev. Cont. Sys. |
| # | | Gordon C. Galligher <gorpong@ping.chi.il.us> |
| # | 743 | Unassigned |
| flexlm | 744/tcp | Flexible License Manager |
| flexlm | 744/udp | Flexible License Manager |
| # | | Matt Christiano |
| # | | <globes@matt@oliveb.atc.olivetti.com> |
| # | 745-746 | Unassigned |
| fujitsu-dev | 747/tcp | Fujitsu Device Control |
| fujitsu-dev | 747/udp | Fujitsu Device Control |
| ris-cm | 748/tcp | Russell Info Sci Calendar Manager |
| ris-cm | 748/udp | Russell Info Sci Calendar Manager |
| kerberos-adm | 749/tcp | kerberos administration |
| kerberos-adm | 749/udp | kerberos administration |
| rfile | 750/tcp | |
| loadav | 750/udp | |
| kerberos-iv | 750/udp | kerberos version iv |
| # | | Martin Hamilton <martin@mrrl.lut.as.uk> |
| pump | 751/tcp | |
| pump | 751/udp | |
| qrh | 752/tcp | |
| qrh | 752/udp | |
| rrh | 753/tcp | |
| rrh | 753/udp | |
| tell | 754/tcp | send |
| tell | 754/udp | send |
| # | | Josyula R. Rao <jrrao@watson.ibm.com> |
| # | 755-756 | Unassigned |
| nlogin | 758/tcp | |
| nlogin | 758/udp | |
| con | 759/tcp | |
| con | 759/udp | |
| ns | 760/tcp | |
| ns | 760/udp | |
| rx | 761/tcp | |
| rx | 761/udp | |
| quotad | 762/tcp | |
| quotad | 762/udp | |
| cycleserv | 763/tcp | |
| cycleserv | 763/udp | |
| omserv | 764/tcp | |
| omserv | 764/udp | |
| webster | 765/tcp | |
| webster | 765/udp | |
| # | | Josyula R. Rao <jrrao@watson.ibm.com> |
| # | 766 | Unassigned |
| phonebook | 767/tcp | phone |
| phonebook | 767/udp | phone |

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#                               Josyula R. Rao <jrrao@watson.ibm.com>
#                               768                               Unassigned
vid                             769/tcp
vid                             769/udp
cadlock                         770/tcp
cadlock                         770/udp
rtip                            771/tcp
rtip                            771/udp
cycleserv2                      772/tcp
cycleserv2                      772/udp
submit                          773/tcp
notify                          773/udp
rpasswd                         774/tcp
acmaint_dbd                    774/udp
entomb                          775/tcp
acmaint_transd                 775/udp
wpages                         776/tcp
wpages                         776/udp
#                               Josyula R. Rao <jrrao@watson.ibm.com>
multiling-http                 777/tcp   Multiling HTTP
multiling-http                 777/udp   Multiling HTTP
#                               Alejandro Bonet <babel@ctv.es>
#                               778-779                           Unassigned
wpgs                           780/tcp
wpgs                           780/udp
#                               Josyula R. Rao <jrrao@watson.ibm.com>
#                               781-785                           Unassigned
#                               786                               Unassigned (Removed 2002-05-08)
#                               787                               Unassigned (Removed 2002-10-08)
#                               788-799                           Unassigned
mdbs_daemon                   800/tcp
mdbs_daemon                   800/udp
device                        801/tcp
device                        801/udp
#                               802-809                           Unassigned
fcp-udp                       810/tcp   FCP
fcp-udp                       810/udp   FCP Datagram
#                               Paul Whittmore <paul@softarc.com>
#                               811-827                           Unassigned
itm-mcell-s                   828/tcp   itm-mcell-s
itm-mcell-s                   828/udp   itm-mcell-s
#                               Portnoy Boxman <portnoy_boxman@bmc.com>
pkix-3-ca-ra                  829/tcp   PKIX-3 CA/RA
pkix-3-ca-ra                  829/udp   PKIX-3 CA/RA
#                               Carlisle Adams <Cadams@entrust.com>
netconf-ssh                   830/tcp   NETCONF over SSH
netconf-ssh                   830/udp   NETCONF over SSH
#                               [RFC4742]
netconf-beep                  831/tcp   NETCONF over BEEP
netconf-beep                  831/udp   NETCONF over BEEP
#                               [RFC4744]
netconfsoaphttp               832/tcp   NETCONF for SOAP over HTTPS
netconfsoaphttp               832/udp   NETCONF for SOAP over HTTPS
#                               [RFC4743]
netconfsoapbeep               833/tcp   NETCONF for SOAP over BEEP
netconfsoapbeep               833/udp   NETCONF for SOAP over BEEP
#                               [RFC4743]

```

```

#           834-846      Unassigned
dhcp-failover2 847/tcp    dhcp-failover 2
dhcp-failover2 847/udp    dhcp-failover 2
#           Bernard Volz <volz@cisco.com>
gdoi         848/tcp    GDOI
gdoi         848/udp    GDOI
#           RFC-ietf-msec-gdoi-07.txt
#           849-859      Unassigned
iscsi        860/tcp    iSCSI
iscsi        860/udp    iSCSI
#           RFC3720
owamp-control 861/tcp    OWAMP-Control
owamp-control 861/udp    OWAMP-Control
#           [RFC4656]
#           862-872      Unassigned
rsync        873/tcp    rsync
rsync        873/udp    rsync
#           Andrew Tridge <tridge@samba.anu.edu.au>
#           874-885      Unassigned
iclcnet-locate 886/tcp    ICL coNETion locate server
iclcnet-locate 886/udp    ICL coNETion locate server
#           Bob Lyon <bl@oasis.icl.co.uk>
iclcnet_svinfo 887/tcp    ICL coNETion server info
iclcnet_svinfo 887/udp    ICL coNETion server info
#           Bob Lyon <bl@oasis.icl.co.uk>
accessbuilder 888/tcp    AccessBuilder
accessbuilder 888/udp    AccessBuilder
#           Steve Sweeney <Steven_Sweeney@3mail.3com.com>
# The following entry records an unassigned but widespread use
cddb         888/tcp    CD Database Protocol
#           Steve Scherf <steve@moonsoft.com>
#
#           889-899      Unassigned
omginitialrefs 900/tcp    OMG Initial Refs
omginitialrefs 900/udp    OMG Initial Refs
#           Christian Callsen <Christian.Callsen@eng.sun.com>
smpnameres   901/tcp    SMPNAMERES
smpnameres   901/udp    SMPNAMERES
#           Leif Ekblad <leif@rdos.net>
ideafarm-chat 902/tcp    IDEAFARM-CHAT
ideafarm-chat 902/udp    IDEAFARM-CHAT
ideafarm-catch 903/tcp    IDEAFARM-CATCH
ideafarm-catch 903/udp    IDEAFARM-CATCH
#           Wo'o Ideafarm <1@ideafarm.com>
#           904-909      Unassigned
kink         910/tcp    Kerberized Internet Negotiation of Keys (KINK)
kink         910/udp    Kerberized Internet Negotiation of Keys (KINK)
#           [RFC4430]
xact-backup   911/tcp    xact-backup
xact-backup   911/udp    xact-backup
#           Bill Carroll <billc@xactlabs.com>
apex-mesh     912/tcp    APEX relay-relay service
apex-mesh     912/udp    APEX relay-relay service
apex-edge     913/tcp    APEX endpoint-relay service
apex-edge     913/udp    APEX endpoint-relay service
#           [RFC3340]
#           914-988      Unassigned

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ftps-data  989/tcp    ftp protocol, data, over TLS/SSL
ftps-data  989/udp    ftp protocol, data, over TLS/SSL
ftps       990/tcp    ftp protocol, control, over TLS/SSL
ftps       990/udp    ftp protocol, control, over TLS/SSL
#
nas        991/tcp    Netnews Administration System
nas        991/udp    Netnews Administration System
#
#          Vera Heinau <heinau@fu-berlin.de>
#          Heiko Schlichting <heiko@fu-berlin.de>
telnet     992/tcp    telnet protocol over TLS/SSL
telnet     992/udp    telnet protocol over TLS/SSL
imap       993/tcp    imap4 protocol over TLS/SSL
imap       993/udp    imap4 protocol over TLS/SSL
irc        994/tcp    irc protocol over TLS/SSL
irc        994/udp    irc protocol over TLS/SSL
#
#          Christopher Allen <ChristopherA@consensus.com>
pop3s     995/tcp    pop3 protocol over TLS/SSL (was spop3)
pop3s     995/udp    pop3 protocol over TLS/SSL (was spop3)
#
#          Gordon Mangione <gordm@microsoft.com>
vsinet    996/tcp    vsinet
vsinet    996/udp    vsinet
#
#          Rob Juergens <robj@vsi.com>
maird     997/tcp
maird     997/udp
busboy    998/tcp
puparp    998/udp
garcon    999/tcp
applix    999/udp          Applix ac
puprouter 999/tcp
puprouter 999/udp
cadlock2  1000/tcp
cadlock2  1000/udp
#
#          1001-1009 Unassigned
#
#          1008/udp Possibly used by Sun Solaris????
surf      1010/tcp    surf
surf      1010/udp    surf
#
#          Joseph Geer <jgeer@peapod.com>
#
#          1011-1020 Reserved
exp1      1021/tcp    RFC3692-style Experiment 1 (*) [RFC4727]
exp1      1021/udp    RFC3692-style Experiment 1 (*) [RFC4727]
exp2      1022/tcp    RFC3692-style Experiment 2 (*) [RFC4727]
exp2      1022/udp    RFC3692-style Experiment 2 (*) [RFC4727]
#
#          1023/tcp Reserved
#
#          1023/udp Reserved
#
#          IANA <iana@iana.org>

```

(*) It is only appropriate to use these values in explicitly-configured experiments; they MUST NOT be shipped as defaults in implementations. See RFC 3692 for details.

REGISTERED PORT NUMBERS

The Registered Ports are listed by the IANA and on most systems can be used by ordinary user processes or programs executed by ordinary users.

Ports are used in the TCP [RFC793] to name the ends of logical connections which carry long term conversations. For the purpose of providing services to unknown callers, a service contact port is defined. This list specifies the port used by the server process as its contact port.

The IANA registers uses of these ports as a convenience to the community.

To the extent possible, these same port assignments are used with the UDP [RFC768].

The Registered Ports are in the range 1024-49151.

Port Assignments:

| Keyword | Decimal | Description | References |
|---------------|----------|---|------------|
| ----- | ----- | ----- | ----- |
| | 1024/tcp | Reserved | |
| | 1024/udp | Reserved | |
| # | | IANA <iana@iana.org> | |
| blackjack | 1025/tcp | network blackjack | |
| blackjack | 1025/udp | network blackjack | |
| # | | Unknown contact | |
| cap | 1026/tcp | Calendar Access Protocol | |
| cap | 1026/udp | Calendar Access Protocol | |
| # | | Doug Royer <Doug@Royer.com> June 2002 | |
| # | 1027/tcp | Unassigned (Removed on 2005-09-16) | |
| # | 1028 | Deprecated February 2004 | |
| solid-mux | 1029/tcp | Solid Mux Server | |
| solid-mux | 1029/udp | Solid Mux Server | |
| # | | Anders Borg <anders.borg@solid.se> November 2004 | |
| iad1 | 1030/tcp | BBN IAD | |
| iad1 | 1030/udp | BBN IAD | |
| iad2 | 1031/tcp | BBN IAD | |
| iad2 | 1031/udp | BBN IAD | |
| iad3 | 1032/tcp | BBN IAD | |
| iad3 | 1032/udp | BBN IAD | |
| # | | Andy Malis <malis_a@timeplex.com> | |
| netinfo-local | 1033/tcp | local netinfo port | |
| netinfo-local | 1033/udp | local netinfo port | |
| # | | Marc Majka <majka@apple.com> August 2002 | |
| activesync | 1034/tcp | ActiveSync Notifications | |
| activesync | 1034/udp | ActiveSync Notifications | |
| # | | Sandra Vargas <Sandrama@microsoft.com> March 2003 | |
| mxxrlogin | 1035/tcp | MX-XR RPC | |
| mxxrlogin | 1035/udp | MX-XR RPC | |
| # | | Arnold E. Mauer <amauer@vrms.com> April 2003 | |
| nsstp | 1036/tcp | Nebula Secure Segment Transfer Protocol | |
| nsstp | 1036/udp | Nebula Secure Segment Transfer Protocol | |
| # | | Steve Ravida <steve.ravida@nebulaholdings.com> | |
| ams | 1037/tcp | AMS | |
| ams | 1037/udp | AMS | |

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# Ronald R. Ohmer <rohmer@aisconsulting.net> October
2003 / February 2004
mtqp 1038/tcp Message Tracking Query Protocol
mtqp 1038/udp Message Tracking Query Protocol
# [RFC3887]
sbl 1039/tcp Streamlined Blackhole
sbl 1039/udp Streamlined Blackhole
# Jonathan A. Zdziaraski
<jonathan@nuclearelephant.com> November 2004
netarx 1040/tcp Netarx
netarx 1040/udp Netarx
# Fredrick Paul Eisele <phreed@netarx.com>
danf-ak2 1041/tcp AK2 Product
danf-ak2 1041/udp AK2 Product
# Karl Palsson <karl_p@danfoss.com> November 2004
afrog 1042/tcp Subnet Roaming
afrog 1042/udp Subnet Roaming
# Michael Chapman <mchapman@fortresstech.com> November
2004
boinc-client 1043/tcp BOINC Client Control
boinc-client 1043/udp BOINC Client Control
# David Anderson <davea@ssl.berkeley.edu> November
2004
dcutility 1044/tcp Dev Consortium Utility
dcutility 1044/udp Dev Consortium Utility
# Chris Ryland <cpr@emsoftware.com> November 2004
fpitp 1045/tcp Fingerprint Image Transfer Protocol
fpitp 1045/udp Fingerprint Image Transfer Protocol
# Steven Fields <sfields@identix.com> February 2002
wfremotertm 1046/tcp WebFilter Remote Monitor
wfremotertm 1046/udp WebFilter Remote Monitor
# Tim Morgan <timm@surfcontrol.com> November 2004
neod1 1047/tcp Sun's NEO Object Request Broker
neod1 1047/udp Sun's NEO Object Request Broker
neod2 1048/tcp Sun's NEO Object Request Broker
neod2 1048/udp Sun's NEO Object Request Broker
# Rohit Garg <rohit.garg@eng.sun.com>
td-postman 1049/tcp Tobit David Postman VPMN
td-postman 1049/udp Tobit David Postman VPMN
# Franz-Josef Leuders <development@tobit.com>
cma 1050/tcp CORBA Management Agent
cma 1050/udp CORBA Management Agent
# Ramy Zaarour <ramy@lumos.com>
optima-vnet 1051/tcp Optima VNET
optima-vnet 1051/udp Optima VNET
# Ralf Doewich <ralf.doewich@optimizele.com>
ddt 1052/tcp Dynamic DNS Tools
ddt 1052/udp Dynamic DNS Tools
# Remi Lefebvre <remi@debian.org>
remote-as 1053/tcp Remote Assistant (RA)
remote-as 1053/udp Remote Assistant (RA)
# Roman Kriis <roman@previo.ee>
brvread 1054/tcp BRVREAD
brvread 1054/udp BRVREAD
# A. Boninn <aboninn@hotmail.com>
ansyslmd 1055/tcp ANSYS - License Manager
ansyslmd 1055/udp ANSYS - License Manager

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#                               Suzanne Lorrin <suzanne.lorrin@ansys.com>
vfo                               1056/tcp    VFO
vfo                               1056/udp    VFO
#                               Anthony Gonzalez <agonzall@telcordia.com>
startron                          1057/tcp    STARTRON
startron                          1057/udp    STARTRON
#                               Markus Sabadello <sabadello@startron.org>
nim                               1058/tcp    nim
nim                               1058/udp    nim
nimreg                            1059/tcp    nimreg
nimreg                            1059/udp    nimreg
#                               Robert Gordon <rbg@austin.ibm.com>
polestar                          1060/tcp    POLESTAR
polestar                          1060/udp    POLESTAR
#                               Masakuni Okada <masakuni@jp.ibm.com>
kiosk                             1061/tcp    KIOSK
kiosk                             1061/udp    KIOSK
#                               Ken Ksiazek <kksiazek@maytag.com>
veracity                          1062/tcp    Veracity
veracity                          1062/udp    Veracity
#                               Ross Williams <ross@rocksoft.com>
kyoceranetdev                    1063/tcp    KyoceraNetDev
kyoceranetdev                    1063/udp    KyoceraNetDev
#                               Shigenaka Kanemitsu
#                               <Shigenaka_Kanemitsu@ypd.kyocera.co.jp>
jstel                             1064/tcp    JSTEL
jstel                             1064/udp    JSTEL
#                               Duane Kiser <dkiser@jsexpress.com>
syscomlan                        1065/tcp    SYSCOMLAN
syscomlan                        1065/udp    SYSCOMLAN
#                               Urs Ryf <urs.ryf@selectron.ch>
fpo-fns                          1066/tcp    FPO-FNS
fpo-fns                          1066/udp    FPO-FNS
#                               Jens Klose <jklose@intercope.com>
instl_boots                      1067/tcp    Installation Bootstrap Proto. Serv.
instl_boots                      1067/udp    Installation Bootstrap Proto. Serv.
instl_bootc                      1068/tcp    Installation Bootstrap Proto. Cli.
instl_bootc                      1068/udp    Installation Bootstrap Proto. Cli.
#                               David Arko <darker@hpfcfn.fc.hp.com>
cognex-insight                   1069/tcp    COGNEX-INSIGHT
cognex-insight                   1069/udp    COGNEX-INSIGHT
#                               Steve Olson <solson@cognex.com>
gmrupdateserv                   1070/tcp    GMRUpdateSERV
gmrupdateserv                   1070/udp    GMRUpdateSERV
#                               Steve Kellogg <stevekellogg@mezzogmr.com>
bsquare-voip                    1071/tcp    BSQUARE-VOIP
bsquare-voip                    1071/udp    BSQUARE-VOIP
#                               Yen Lee <YenL@bsquare.com>
cardax                           1072/tcp    CARDAX
cardax                           1072/udp    CARDAX
#                               Charles Oram <charleso@cardax.com>
bridgecontrol                    1073/tcp    Bridge Control
bridgecontrol                    1073/udp    Bridge Control
#                               Andy Heron <btexact.ports@bt.com>
warmspotMgmt                    1074/tcp    Warmspot Management Protocol
warmspotMgmt                    1074/udp    Warmspot Management Protocol
#                               Robert C. Henningsgard <rhenn_iana@laptwo.com>

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rdrmshc      1075/tcp    RDRMSHC
rdrmshc      1075/udp    RDRMSHC
#            Ericko Shimada <eriko@kel.fujitsu.co.jp>
dab-sti-c    1076/tcp    DAB STI-C
dab-sti-c    1076/udp    DAB STI-C
#            World DAB <worldddab_irc@worldddab.org>
imgames      1077/tcp    IMGames
imgames      1077/udp    IMGames
#            Jean A. Ames <enr-admin@flipside.com>
avocent-proxy 1078/tcp    Avocent Proxy Protocol
avocent-proxy 1078/udp    Avocent Proxy Protocol
#            Steven W. Clark <steven.clark@avocent.com>
asprovatalk  1079/tcp    ASPROVATalk
asprovatalk  1079/udp    ASPROVATalk
#            Chiew Farn Chung <cfchung@asprova.com>
socks        1080/tcp    Socks
socks        1080/udp    Socks
#            Ying-Da Lee <ylee@syl.dl.nec.com>
pvuniwien    1081/tcp    PVUNIWIEN
pvuniwien    1081/udp    PVUNIWIEN
#            Peter Lipp >Peter.Lipp@iaik.at>
amt-esd-prot 1082/tcp    AMT-ESD-PROT
amt-esd-prot 1082/udp    AMT-ESD-PROT
#            AMTEC S.p.A <sp.amtec@interbusiness.it>
ansoft-lm-1  1083/tcp    Anasoft License Manager
ansoft-lm-1  1083/udp    Anasoft License Manager
ansoft-lm-2  1084/tcp    Anasoft License Manager
ansoft-lm-2  1084/udp    Anasoft License Manager
webobjects   1085/tcp    Web Objects
webobjects   1085/udp    Web Objects
#            Andy Belk <abelk@apple.com>
cplscrambler-lg 1086/tcp    CPL Scrambler Logging
cplscrambler-lg 1086/udp    CPL Scrambler Logging
cplscrambler-in 1087/tcp    CPL Scrambler Internal
cplscrambler-in 1087/udp    CPL Scrambler Internal
cplscrambler-al 1088/tcp    CPL Scrambler Alarm Log
cplscrambler-al 1088/udp    CPL Scrambler Alarm Log
#            Richard Corn <rac@racc.com>
ff-annunc    1089/tcp    FF Annunciation
ff-annunc    1089/udp    FF Annunciation
ff-fms       1090/tcp    FF Fieldbus Message Specification
ff-fms       1090/udp    FF Fieldbus Message Specification
ff-sm        1091/tcp    FF System Management
ff-sm        1091/udp    FF System Management
#            Fieldbus Foundation <dave.glanzer@fieldbus.org>
obrpdp       1092/tcp    Open Business Reporting Protocol
obrpdp       1092/udp    Open Business Reporting Protocol
#            William Randolph Royere III
#            <william@royere.net>
proofd       1093/tcp    PROOFD
proofd       1093/udp    PROOFD
rootd        1094/tcp    ROOTD
rootd        1094/udp    ROOTD
#            Fons Rademakers <Fons.Rademakers@cern.ch>
nicelink     1095/tcp    NICELink
nicelink     1095/udp    NICELink
#            Jordi Lisbona <jlisbona@tango04.net>

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| | | |
|----------------|----------|--|
| cnrprotocol | 1096/tcp | Common Name Resolution Protocol |
| cnrprotocol | 1096/udp | Common Name Resolution Protocol |
| # | | Michael Mealling <michaelm@netsol.com> |
| sunclustermgr | 1097/tcp | Sun Cluster Manager |
| sunclustermgr | 1097/udp | Sun Cluster Manager |
| # | | Ashit Patel <Ashit.Patel@eng.Sun.COM> |
| rmiactivation | 1098/tcp | RMI Activation |
| rmiactivation | 1098/udp | RMI Activation |
| rmiregistry | 1099/tcp | RMI Registry |
| rmiregistry | 1099/udp | RMI Registry |
| # | | Mark Hodapp <mark.hodapp@sun.com> |
| mctp | 1100/tcp | MCTP |
| mctp | 1100/udp | MCTP |
| # | | Vitaly Revsin <vitaly@webmanage.com> |
| pt2-discover | 1101/tcp | PT2-DISCOVER |
| pt2-discover | 1101/udp | PT2-DISCOVER |
| # | | Ralph Kammerlander |
| # | | <ralph.kammerlander@khe.siemens.de> |
| adobeserver-1 | 1102/tcp | ADOBE SERVER 1 |
| adobeserver-1 | 1102/udp | ADOBE SERVER 1 |
| adobeserver-2 | 1103/tcp | ADOBE SERVER 2 |
| adobeserver-2 | 1103/udp | ADOBE SERVER 2 |
| # | | Frank Soetebeer <frsoeteb@adobe.com> |
| xrl | 1104/tcp | XRL |
| xrl | 1104/udp | XRL |
| # | | Patrick Robinson <probinson@plosive.com> |
| ftranhc | 1105/tcp | FTRANHC |
| ftranhc | 1105/udp | FTRANHC |
| # | | Eriko Shimada <eriko@kel.fujitsu.co.jp> |
| isoipsigport-1 | 1106/tcp | ISOIPSIGPORT-1 |
| isoipsigport-1 | 1106/udp | ISOIPSIGPORT-1 |
| isoipsigport-2 | 1107/tcp | ISOIPSIGPORT-2 |
| isoipsigport-2 | 1107/udp | ISOIPSIGPORT-2 |
| # | | Peter Egli <peter.egli@inalp.com> |
| ratio-adp | 1108/tcp | ratio-adp |
| ratio-adp | 1108/udp | ratio-adp |
| # | | Oliver Thulke <oth@ratio.de> |
| # | 1109 | Reserved - IANA |
| webadmstart | 1110/tcp | Start web admin server |
| nfsd-keepalive | 1110/udp | Client status info |
| # | | Beth Crespo <beth.crespo@hp.com> |
| lmsocialserver | 1111/tcp | LM Social Server |
| lmsocialserver | 1111/udp | LM Social Server |
| # | | Ron Lussier <coyote@likeminds.com> |
| icp | 1112/tcp | Intelligent Communication Protocol |
| icp | 1112/udp | Intelligent Communication Protocol |
| # | | Mark H. David <mhd@gensym.com> |
| ltp-deepspace | 1113/tcp | Lickliger Transmission Pr |
| ltp-deepspace | 1113/udp | Lickliger Transmission Pr |
| # | | Manikantan Ramadas <mramadas@irg.cs.ohiou.edu> |
| September 2005 | | |
| mini-sql | 1114/tcp | Mini SQL |
| mini-sql | 1114/udp | Mini SQL |
| # | | David Hughes <bambi@Hughes.com.au> |
| ardus-trns | 1115/tcp | ARDUS Transfer |
| ardus-trns | 1115/udp | ARDUS Transfer |
| ardus-cntl | 1116/tcp | ARDUS Control |

| | | |
|--------------|----------|--|
| ardus-cntl | 1116/udp | ARDUS Control |
| ardus-mtrns | 1117/tcp | ARDUS Multicast Transfer |
| ardus-mtrns | 1117/udp | ARDUS Multicast Transfer |
| # | | Shinya Abe <abeabe@pfu.co.jp> |
| sacred | 1118/tcp | SACRED |
| sacred | 1118/udp | SACRED |
| # | | RFC3767 |
| bnetgame | 1119/tcp | Battle.net Chat/Game Protocol |
| bnetgame | 1119/udp | Battle.net Chat/Game Protocol |
| bnetfile | 1120/tcp | Battle.net File Transfer Protocol |
| bnetfile | 1120/udp | Battle.net File Transfer Protocol |
| # | | Domain Tech <Domainnametech@blizzard.com> April 2005 |
| rmpp | 1121/tcp | Datalode RMPP |
| rmpp | 1121/udp | Datalode RMPP |
| # | | Dave Ruedger <daver@datalode.com> November 2003 |
| availant-mgr | 1122/tcp | availant-mgr |
| availant-mgr | 1122/udp | availant-mgr |
| # | | Steven Pelletier <stevep@Availant.com> |
| murray | 1123/tcp | Murray |
| murray | 1123/udp | Murray |
| # | | Stu Mark <fordii@j51.com> |
| hpvmmcontrol | 1124/tcp | HP VMM Control |
| hpvmmcontrol | 1124/udp | HP VMM Control |
| hpvmmagent | 1125/tcp | HP VMM Agent |
| hpvmmagent | 1125/udp | HP VMM Agent |
| hpvmmdata | 1126/tcp | HP VMM Agent |
| hpvmmdata | 1126/udp | HP VMM Agent |
| # | | John Morton <j.morton@hp.com> November 2004 |
| kwdb-commn | 1127/tcp | KWDB Remote Communication |
| kwdb-commn | 1127/udp | KWDB Remote Communication |
| # | | Lal Samuel Varghese <lalsam@hp.com> August 2005 |
| saphostctrl | 1128/tcp | SAPHostControl over SOAP/HTTP |
| saphostctrl | 1128/udp | SAPHostControl over SOAP/HTTP |
| saphostctrls | 1129/tcp | SAPHostControl over SOAP/HTTPS |
| saphostctrls | 1129/udp | SAPHostControl over SOAP/HTTPS |
| # | | Muscarella Fabrizio <fabrizio.muscarella@sap.com> April 2006 |
| casp | 1130/tcp | CAC App Service Protocol |
| casp | 1130/udp | CAC App Service Protocol |
| caspssl | 1131/tcp | CAC App Service Protocol Encrypted |
| caspssl | 1131/udp | CAC App Service Protocol Encrypted |
| # | | Enrique Corujo <enrique@cacclearing.com> February 2006 |
| kvm-via-ip | 1132/tcp | KVM-via-IP Management Service |
| kvm-via-ip | 1132/udp | KVM-via-IP Management Service |
| # | | Ian Miller <IANA-reg@adder.com> March 2006 |
| dfn | 1133/tcp | Data Flow Network |
| dfn | 1133/udp | Data Flow Network |
| # | | Dmitry Obuvalin <pulse.cc@mail.ru> February 2006 |
| aplX | 1134/tcp | MicroAPL APLX |
| aplX | 1134/udp | MicroAPL APLX |
| # | | Richard Nabavi <nabavi@microapl.co.uk> February 2006 |
| omnivision | 1135/tcp | OmniVision Communication Service |
| omnivision | 1135/udp | OmniVision Communication Service |
| # | | Serge Vacquier <vacquier@systar.fr> February 2006 |
| hnb-gateway | 1136/tcp | HHB Gateway Control |
| hnb-gateway | 1136/udp | HHB Gateway Control |
| # | | Richard Harwell <richardcharwell@eaton.com> February 2006 |

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trim          1137/tcp    TRIM Workgroup Service
trim          1137/udp    TRIM Workgroup Service
#              Siva Poobalasingam <siva@towersoft.com.au> March 2006
encrypted_admin 1138/tcp    encrypted admin requests
encrypted_admin 1138/udp    encrypted admin requests
#              Michael Elizarov <Michael.Elizarov@microsoft.com> January
2007
#              1139      Unassigned
autonoc       1140/tcp    AutoNOC Network Operations Protocol
autonoc       1140/udp    AutoNOC Network Operations Protocol
#              Kyle Lussier <klussier@autonoc.com> December 2005
mxomss       1141/tcp    User Message Service
mxomss       1141/udp    User Message Service
#              Chaoyi Lang <chao-yi_lang@maxtor.com> January 2006
edtools      1142/tcp    User Discovery Service
edtools      1142/udp    User Discovery Service
#              Dolson, Lee <dolson@f-net.co.kr> January 2006
imyx         1143/tcp    Infomatrix Exchange
imyx         1143/udp    Infomatrix Exchange
#              David Walling <sylvanhollow@yahoo.com> March 2006
fuscript     1144/tcp    Fusion Script
fuscript     1144/udp    Fusion Script
#              Peter Loveday <peter@eyeonline.com> January 2006
x9-icue     1145/tcp    X9 iCue Show Control
x9-icue     1145/udp    X9 iCue Show Control
#              Brandon Potter <iana@brandonpotter.com> January 2006
audit-transfer 1146/tcp    audit transfer
audit-transfer 1146/udp    audit transfer
#              Mark Wahl <mark.wahl@informed-control.com> November
2005
capioverlan  1147/tcp    CAPIoverLAN
capioverlan  1147/udp    CAPIoverLAN
#              Diego Friedel <d.friedel@avm.de> November 2005
elfiq-repl   1148/tcp    Elfiq Replication Service
elfiq-repl   1148/udp    Elfiq Replication Service
#              Frederick Parent <fparent@elfiq.com> November 2005
bvtsonar     1149/tcp    BVT Sonar Service
bvtsonar     1149/udp    BVT Sonar Service
#              Justin Huff <justin.huff@blueviewtech.com> November
2005
blaze        1150/tcp    Blaze File Server
blaze        1150/udp    Blaze File Server
#              Curt Schimmel <curt@small-tree.com> November 2005
unizensus   1151/tcp    Unizensus Login Server
unizensus   1151/udp    Unizensus Login Server
#              Dirk Materlik <materlik@blubbsoft.de> November 2005
winpoplanmess 1152/tcp    Winpopup LAN Messenger
winpoplanmess 1152/udp    Winpopup LAN Messenger
#              Vitali Fomine <info@winpopup-lan-messenger.com>
November 2005
c1222-acse   1153/tcp    ANSI C12.22 Port
c1222-acse   1153/udp    ANSI C12.22 Port
#              Avygdor Moise <avy@fdos.ca> November 2005
resacomunity 1154/tcp    Community Service
resacomunity 1154/udp    Community Service
#              StÉphane MONS <stephane.mons@free.fr> September 2005
nfa          1155/tcp    Network File Access

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| | | |
|----------------|-----------|---|
| nfa | 1155/udp | Network File Access |
| # | | James Powell <james@mailhost.unidata.com> |
| iascontrol-oms | 1156/tcp | iasControl OMS |
| iascontrol-oms | 1156/udp | iasControl OMS |
| # | | Todd Guay <todd.guay@oracle.com> November 2004 |
| iascontrol | 1157/tcp | Oracle iASControl |
| iascontrol | 1157/udp | Oracle iASControl |
| # | | Todd Guay <todd.guay@oracle.com> November 2004 |
| dbcontrol-oms | 1158/tcp | dbControl OMS |
| dbcontrol-oms | 1158/udp | dbControl OMS |
| # | | Todd Guay <todd.guay@oracle.com> November 2004 |
| oracle-oms | 1159/tcp | Oracle OMS |
| oracle-oms | 1159/udp | Oracle OMS |
| # | | Todd Guay <todd.guay@oracle.com> November 2004 |
| olsv | 1160/tcp | DB Lite Mult-User Server |
| olsv | 1160/udp | DB Lite Mult-User Server |
| # | | Philip Stephenson <Philip.stephenson@oracle.com> |
| August 2005 | | |
| health-polling | 1161/tcp | Health Polling |
| health-polling | 1161/udp | Health Polling |
| health-trap | 1162/tcp | Health Trap |
| health-trap | 1162/udp | Health Trap |
| sddp | 1163/tcp | SmartDialer Data Protocol |
| sddp | 1163/udp | SmartDialer Data Protocol |
| # | | Lee Griffiths <lg@dataconnection.com> November 2004 |
| qsm-proxy | 1164/tcp | QSM Proxy Service |
| qsm-proxy | 1164/udp | QSM Proxy Service |
| # | | Norm Lunde <norm@commvault.com> November 2004 |
| qsm-gui | 1165/tcp | QSM GUI Service |
| qsm-gui | 1165/udp | QSM GUI Service |
| # | | Norm Lunde <norm@commvault.com> November 2004 |
| qsm-remote | 1166/tcp | QSM RemoteExec |
| qsm-remote | 1166/udp | QSM RemoteExec |
| # | | Norm Lunde <norm@commvault.com> November 2004 |
| cisco-ipsla | 1167/tcp | Cisco IP SLAs Control Protocol |
| cisco-ipsla | 1167/udp | Cisco IP SLAs Control Protocol |
| cisco-ipsla | 1167/sctp | Cisco IP SLAs Control Protocol |
| # | | Emmanuel Tychon <etychon@cisco.com> March 2006 |
| vchat | 1168/tcp | VChat Conference Service |
| vchat | 1168/udp | VChat Conference Service |
| # | | Andreas Wetzel <mickey@enforcer.cc> September 2002 |
| tripwire | 1169/tcp | TRIPWIRE |
| tripwire | 1169/udp | TRIPWIRE |
| # | | Ed Metcalf <emetcalf@tripwiresecurity.com> |
| # | | Albert Holt <alberth@triosoftware.com> |
| atc-lm | 1170/tcp | AT+C License Manager |
| atc-lm | 1170/udp | AT+C License Manager |
| # | | Peter Schaefer <p.schaefer@nospam.atc-systeme.de> |
| February 2004 | | |
| atc-appserver | 1171/tcp | AT+C FmiApplicationServer |
| atc-appserver | 1171/udp | AT+C FmiApplicationServer |
| # | | Peter Schaefer <p.schaefer@nospam.atc-systeme.de> |
| February 2004 | | |
| dnap | 1172/tcp | DNA Protocol |
| dnap | 1172/udp | DNA Protocol |
| # | | David McLaughlin <davidmclaughlin@accessdata.com> |
| November 2004 | | |

| | | |
|----------------|----------|---|
| d-cinema-rrp | 1173/tcp | D-Cinema Request-Response |
| d-cinema-rrp | 1173/udp | D-Cinema Request-Response |
| # | | Robert Baldwin <baldwin@plusfive.com> November 2004 |
| fnet-remote-ui | 1174/tcp | FlashNet Remote Admin |
| fnet-remote-ui | 1174/udp | FlashNet Remote Admin |
| # | | Terry Smyth <terry@sgluk.com> November 2004 |
| dossier | 1175/tcp | Dossier Server |
| dossier | 1175/udp | Dossier Server |
| # | | Rob Minerick <rob@vortimac.com> November 2004 |
| indigo-server | 1176/tcp | Indigo Home Server |
| indigo-server | 1176/udp | Indigo Home Server |
| # | | Matt Bendiksen <matt@perceptiveautomation.com> |
| November 2004 | | |
| dkmessenger | 1177/tcp | DKMessenger Protocol |
| dkmessenger | 1177/udp | DKMessenger Protocol |
| # | | Douglas Kadlecek <doug@dkware.com> November 2004 |
| sgi-storman | 1178/tcp | SGI Storage Manager |
| sgi-storman | 1178/udp | SGI Storage Manager |
| # | | Greg Banks <gnb@sgi.com> November 2004 |
| b2n | 1179/tcp | Backup To Neighbor |
| b2n | 1179/udp | Backup To Neighbor |
| # | | Thomas Fok <thomas@melody-soft.com> November 2004 |
| mc-client | 1180/tcp | Millicent Client Proxy |
| mc-client | 1180/udp | Millicent Client Proxy |
| # | | Steve Glassman <steveg@pa.dec.com> |
| 3comnetman | 1181/tcp | 3Com Net Management |
| 3comnetman | 1181/udp | 3Com Net Management |
| # | | Peter White <peter_white@3com.com> November 2004 |
| accelenet | 1182/tcp | AcceleNet Control |
| accelenet | 1182/udp | AcceleNet Control |
| # | | Peter Lepaska <plepaska@ictompress.com> November |
| 2004 | | |
| llsurfup-http | 1183/tcp | LL Surfup HTTP |
| llsurfup-http | 1183/udp | LL Surfup HTTP |
| llsurfup-https | 1184/tcp | LL Surfup HTTPS |
| llsurfup-https | 1184/udp | LL Surfup HTTPS |
| # | | Katy Lynn McCullough <KatyM@LapLink.com> |
| catchpole | 1185/tcp | Catchpole port |
| catchpole | 1185/udp | Catchpole port |
| # | | Christian Catchpole <christian@catchpole.net> March |
| 2002 | | |
| mysql-cluster | 1186/tcp | MySQL Cluster Manager |
| mysql-cluster | 1186/udp | MySQL Cluster Manager |
| # | | Arjen Lentz <arjen@mysql.com> November 2004 |
| alias | 1187/tcp | Alias Service |
| alias | 1187/udp | Alias Service |
| # | | Paul Tokarchuk <ptokarch@alias.com> November 2004 |
| hp-webadmin | 1188/tcp | HP Web Admin |
| hp-webadmin | 1188/udp | HP Web Admin |
| # | | Lance Kind <lance_kind@hp.com> |
| unet | 1189/tcp | Unet Connection |
| unet | 1189/udp | Unet Connection |
| # | | Anthony Stahler <imunfair@yahoo.com> November 2004 |
| commlinx-avl | 1190/tcp | CommLinx GPS / AVL System |
| commlinx-avl | 1190/udp | CommLinx GPS / AVL System |
| # | | Peter Johnson <peter@commlinx.com.au> November 2004 |
| gpfs | 1191/tcp | General Parallel File System |

| | | |
|----------------|----------|--|
| gpfs | 1191/udp | General Parallel File System |
| # | | Dave Craft <gpfs@ibm.com> November 2004 |
| caids-sensor | 1192/tcp | caids sensors channel |
| caids-sensor | 1192/udp | caids sensors channel |
| # | | Gregory Hostettler <ghostettler@caracal.ch> November |
| 2004 | | |
| fiveacross | 1193/tcp | Five Across Server |
| fiveacross | 1193/udp | Five Across Server |
| # | | Glenn Reid <port-reg@fiveacross.com> November 2004 |
| openvpn | 1194/tcp | OpenVPN |
| openvpn | 1194/udp | OpenVPN |
| # | | James Yonan <jim@yonan.net> November 2004 |
| rsf-1 | 1195/tcp | RSF-1 clustering |
| rsf-1 | 1195/udp | RSF-1 clustering |
| # | | Dave Hines <d.hines@high-availability.com> November |
| 2004 | | |
| netmagic | 1196/tcp | Network Magic |
| netmagic | 1196/udp | Network Magic |
| # | | Nick Holt <nickh@purenetworks.com> August 2005 |
| carrius-rshell | 1197/tcp | Carrius Remote Access |
| carrius-rshell | 1197/udp | Carrius Remote Access |
| # | | Gerry Dubois <gdubois@carriustech.com> August 2005 |
| cajo-discovery | 1198/tcp | cajo reference discovery |
| cajo-discovery | 1198/udp | cajo reference discovery |
| # | | John Catherino <cajo@dev.java.net> August 2005 |
| dmidi | 1199/tcp | DMIDI |
| dmidi | 1199/udp | DMIDI |
| # | | Phil Kerr <phil@plus24.com> February 2002 |
| scol | 1200/tcp | SCOL |
| scol | 1200/udp | SCOL |
| # | | Cryo-Networks <p.favre@cryo-networks.fr> |
| nucleus-sand | 1201/tcp | Nucleus Sand Database Server |
| nucleus-sand | 1201/udp | Nucleus Sand Database Server |
| # | | James Marsh <James_T_Marsh@hotmail.com> |
| caiccipc | 1202/tcp | caiccipc |
| caiccipc | 1202/udp | caiccipc |
| # | | Vince Re <Vincent.Re@cai.com> |
| ssslic-mgr | 1203/tcp | License Validation |
| ssslic-mgr | 1203/udp | License Validation |
| ssslog-mgr | 1204/tcp | Log Request Listener |
| ssslog-mgr | 1204/udp | Log Request Listener |
| # | | Eric Bruno <ebruno@solution-soft.com> |
| accord-mgc | 1205/tcp | Accord-MGC |
| accord-mgc | 1205/udp | Accord-MGC |
| # | | Roni Even <roni_e@accord.co.il> |
| anthony-data | 1206/tcp | Anthony Data |
| anthony-data | 1206/udp | Anthony Data |
| # | | Paul Dollemore <pauld@anthonydata.com> |
| metasage | 1207/tcp | MetaSage |
| metasage | 1207/udp | MetaSage |
| # | | Peter Anvelt <panvelt@xnai.com> |
| seagull-ais | 1208/tcp | SEAGULL AIS |
| seagull-ais | 1208/udp | SEAGULL AIS |
| # | | Lee Breisacher <lbreisacher@seagullsw.com> |
| ipcd3 | 1209/tcp | IPCD3 |
| ipcd3 | 1209/udp | IPCD3 |
| # | | Mark Ciskey <mlciskey@plato.com> |

| | | |
|----------------|----------|---|
| eoss | 1210/tcp | EOSS |
| eoss | 1210/udp | EOSS |
| # | | Robert Armes <rarmes@axarte.com> |
| groove-dpp | 1211/tcp | Groove DPP |
| groove-dpp | 1211/udp | Groove DPP |
| # | | Ken Moore <kmoore@groove.net> |
| lupa | 1212/tcp | lupa |
| lupa | 1212/udp | lupa |
| # | | Barney Wolff <barney@databus.com> |
| mpc-lifenet | 1213/tcp | MPC LIFENET |
| mpc-lifenet | 1213/udp | MPC LIFENET |
| # | | Ward Silver <hwardsil@wolfenet.com> |
| kazaa | 1214/tcp | KAZAA |
| kazaa | 1214/udp | KAZAA |
| # | | Ahti Heinla <ahti@ahti.blumoon.ee> |
| scanstat-1 | 1215/tcp | scanSTAT 1.0 |
| scanstat-1 | 1215/udp | scanSTAT 1.0 |
| # | | William Scheduling <wls@wls.org> |
| etebac5 | 1216/tcp | ETEBAC 5 |
| etebac5 | 1216/udp | ETEBAC 5 |
| # | | Jean-Louis Barbut <etebac5@gsit.fr> |
| hpss-ndapi | 1217/tcp | HPSS NonDCE Gateway |
| hpss-ndapi | 1217/udp | HPSS NonDCE Gateway |
| # | | Michael Gleicher <mgleicher@comcast.net> |
| aeroflight-ads | 1218/tcp | AeroFlight-ADs |
| aeroflight-ads | 1218/udp | AeroFlight-ADs |
| aeroflight-ret | 1219/tcp | AeroFlight-Ret |
| aeroflight-ret | 1219/udp | AeroFlight-Ret |
| # | | Eric Johnson <eric@gruver.net> |
| qt-serveradmin | 1220/tcp | QT SERVER ADMIN |
| qt-serveradmin | 1220/udp | QT SERVER ADMIN |
| # | | Chris LeCroy <lecroy@apple.com> |
| sweetware-apps | 1221/tcp | SweetWARE Apps |
| sweetware-apps | 1221/udp | SweetWARE Apps |
| # | | David Dunetz <david@sweetware.com> |
| nerv | 1222/tcp | SNI R&D network |
| nerv | 1222/udp | SNI R&D network |
| # | | Martin Freiss <freiss.pad@sni.de> |
| tgp | 1223/tcp | TGP |
| tgp | 1223/udp | TGP |
| # | | Gur Kimchi <gur@mail.trulyglobal.com> |
| vpnz | 1224/tcp | VPNz |
| vpnz | 1224/udp | VPNz |
| # | | Tom Strack <TSTRACK@Advnw.com> |
| slinkysearch | 1225/tcp | SLINKYSEARCH |
| slinkysearch | 1225/udp | SLINKYSEARCH |
| # | | Desmond Chan <deschan@prismedia.com> |
| stgxfws | 1226/tcp | STGXFWS |
| stgxfws | 1226/udp | STGXFWS |
| # | | Tetsuya Shioda <tetsuya@saint.nm.fujitsu.co.jp> |
| dns2go | 1227/tcp | DNS2Go |
| dns2go | 1227/udp | DNS2Go |
| # | | Mike Courterier <mikec@deerfield.com> |
| florence | 1228/tcp | FLORENCE |
| florence | 1228/udp | FLORENCE |
| # | | Brian Trammell <btrammell@iventurelab.com> |
| zented | 1229/tcp | ZENworks Tiered Electronic Distribution |

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zented          1229/udp    ZENworks Tiered Electronic Distribution
#              Ty Ellis <tellis@novell.com>
periscope       1230/tcp    Periscope
periscope       1230/udp    Periscope
#              Kevin Madden <Kevin@emailxtras.com>
menandmice-lpm 1231/tcp    menandmice-lpm
menandmice-lpm 1231/udp    menandmice-lpm
#              Sigfus Magnusson <sigfusm@menandmice.com>
##### Microsoft (unofficially) using 1232 #####
univ-appserver 1233/tcp    Universal App Server
univ-appserver 1233/udp    Universal App Server
#              Tim Sent <tim.sent@systemsarchitects.com>
search-agent    1234/tcp    Infoseek Search Agent
search-agent    1234/udp    Infoseek Search Agent
#              Jackie Wu <jackiew@infoseek.com>
mosaicssvcl     1235/tcp    mosaicssvcl
mosaicssvcl     1235/udp    mosaicssvcl
#              Brian Matthews <bmatthews@mosaicssystems.com>
bvcontrol       1236/tcp    bvcontrol
bvcontrol       1236/udp    bvcontrol
#              Daniel J Walsh <dwalsh@bindview.com>
tsdos390        1237/tcp    tsdos390
tsdos390        1237/udp    tsdos390
#              Ben Pracht <ben.pracht@tivoli.com>
hacl-qs         1238/tcp    hacl-qs
hacl-qs         1238/udp    hacl-qs
#              Farid Faez <farid_faez@hp.com>
nmsd            1239/tcp    NMSD
nmsd            1239/udp    NMSD
#              Yuri Machkasov <yuri@ptc.com>
instantia       1240/tcp    Instantia
instantia       1240/udp    Instantia
#              Ruth Slater <ruth.slater@ideagen.co.uk>
nessus          1241/tcp    nessus
nessus          1241/udp    nessus
#              Jordan Hrycaj <jordan@mjh.teddy-net.com>
nmasoverip     1242/tcp    NMAS over IP
nmasoverip     1242/udp    NMAS over IP
#              Hal Henderson <hhenders@novell.com>
serialgateway   1243/tcp    SerialGateway
serialgateway   1243/udp    SerialGateway
#              Stephen LaValley <lavalley@lucent.com>
isbconferencel 1244/tcp    isbconferencel
isbconferencel 1244/udp    isbconferencel
isbconference2 1245/tcp    isbconference2
isbconference2 1245/udp    isbconference2
#              Arnold Dittmann <dittmann@isbcad.de>
payrouter       1246/tcp    payrouter
payrouter       1246/udp    payrouter
#              David Wilson <dwilson@integral-ie.com>
visionpyramid   1247/tcp    VisionPyramid
visionpyramid   1247/udp    VisionPyramid
#              Gavin Hutchinson <gavinh@visionlogistics.com>
hermes          1248/tcp    hermes
hermes          1248/udp    hermes
#              Not known
mesavistaco     1249/tcp    Mesa Vista Co

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mesavistaco      1249/udp   Mesa Vista Co
#                Rick LaBanca <rel@mesasys.com>
swldy-sias 1250/tcp   swldy-sias
swldy-sias 1250/udp   swldy-sias
#                Peter E Williams <peter.williams@smallworld-us.com>
servergraph     1251/tcp   servergraph
servergraph     1251/udp   servergraph
#                Lindsay Morris <lmorris@servergraph.com>
bspne-pcc 1252/tcp   bspne-pcc
bspne-pcc      1252/udp   bspne-pcc
q55-pcc       1253/tcp   q55-pcc
q55-pcc       1253/udp   q55-pcc
#                Prem Tirilok <Prem.Tirilok@tellabs.com>
de-noc        1254/tcp   de-noc
de-noc        1254/udp   de-noc
de-cache-query 1255/tcp   de-cache-query
de-cache-query 1255/udp   de-cache-query
de-server     1256/tcp   de-server
de-server     1256/udp   de-server
#                Jeff Burdette <support@digitalenvoy.net>
shockwave2    1257/tcp   Shockwave 2
shockwave2 1257/udp   Shockwave 2
#                Dave Simmons <dsimmons@macromedia.com>
opennl        1258/tcp   Open Network Library
opennl        1258/udp   Open Network Library
opennl-voice  1259/tcp   Open Network Library Voice
opennl-voice  1259/udp   Open Network Library Voice
#                Phil Frisbie <phil@hawksoft.com>
ibm-ssd       1260/tcp   ibm-ssd
ibm-ssd       1260/udp   ibm-ssd
#                Barry Whyte <barry_whyte@uk.ibm.com>
mpshrsv       1261/tcp   mpshrsv
mpshrsv       1261/udp   mpshrsv
#                Makoto Ikeyama <ikeyama@ael.fujitsu.co.jp>
qnts-orb      1262/tcp   QNTS-ORB
qnts-orb      1262/udp   QNTS-ORB
#                Raghurama Bhat <raghu@quintus.com>
dka           1263/tcp   dka
dka           1263/udp   dka
#                Chris Griffin <cgriffin@dka.com>
prat          1264/tcp   PRAT
prat          1264/udp   PRAT
#                Keith Wood <keith.wood@epid.eurotherm.co.uk>
dssiapi       1265/tcp   DSSI-API
dssiapi       1265/udp   DSSI-API
#                Jim Turner <Jim.Turner@asg.com>
dellpwrappks 1266/tcp   DELLPWRAPPKS
dellpwrappks 1266/udp   DELLPWRAPPKS
#                David Troeger <David_Troeger@dell.com>
epc           1267/tcp   eTrust Policy Compliance
epc           1267/udp   eTrust Policy Compliance
#                Aaron Stein <aaron.stein@ca.com>
propel-msgsys 1268/tcp   PROPEL-MSGSYS
propel-msgsys 1268/udp   PROPEL-MSGSYS
#                Bert Van der Linden <bert@propel.com>
watilapp      1269/tcp   WATiLaPP
watilapp      1269/udp   WATiLaPP

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# Frederic Weymann <contact@fizzban.net>
opsmgr 1270/tcp Microsoft Operations Manager
opsmgr 1270/udp Microsoft Operations Manager
# Ashvin Sanghvi <AshvinS@microsoft.com>
excw 1271/tcp eXcW
excw 1271/udp eXcW
# Norm Freedman <normfree@san.rr.com>
cspmlockmgr 1272/tcp CSPMLockMgr
cspmlockmgr 1272/udp CSPMLockMgr
# Ibtsam Mahfouz <imahfouz@cisco.com>
emc-gateway 1273/tcp EMC-Gateway
emc-gateway 1273/udp EMC-Gateway
# Rene Fontaine <fontaine_rene@emc.com>
tldistproc 1274/tcp tldistproc
tldistproc 1274/udp tldistproc
# Julian Biddle <julian_biddle@TechnologyOneCorp.com>
ivcollector 1275/tcp ivcollector
ivcollector 1275/udp ivcollector
ivmanager 1276/tcp ivmanager
ivmanager 1276/udp ivmanager
# Xavier Roques <xroques@infovista.fr>
miva-mqs 1277/tcp mqs
miva-mqs 1277/udp mqs
# Miva Corporation <jwoods@miva.com.au>
dellwebadmin-1 1278/tcp Dell Web Admin 1
dellwebadmin-1 1278/udp Dell Web Admin 1
dellwebadmin-2 1279/tcp Dell Web Admin 2
dellwebadmin-2 1279/udp Dell Web Admin 2
# Bridget Navoda <Bridget_Navoda@dell.com>
pictrography 1280/tcp Pictrography
pictrography 1280/udp Pictrography
# Takashi Hoshino <hoshino@miya.fujifilm.co.jp>
healthd 1281/tcp healthd
healthd 1281/udp healthd
# James E. Housley <jim@thehousleys.net>
emperion 1282/tcp Emperion
emperion 1282/udp Emperion
# Claus Thor Barth <iana@barth.dk>
productinfo 1283/tcp ProductInfo
productinfo 1283/udp ProductInfo
iee-qfx 1284/tcp IEE-QFX
iee-qfx 1284/udp IEE-QFX
# Kevin D. Quitt <KQuitt@IEEInc.com>
neoiface 1285/tcp neoiface
neoiface 1285/udp neoiface
# Jason McManus <jasonm@neoinformatics.com>
netuitive 1286/tcp netuitive
netuitive 1286/udp netuitive
# JF Huard <jfhuard@netuitive.com>
routematch 1287/tcp RouteMatch Com
routematch 1287/udp RouteMatch Com
# Jeff Jones <Jeff.Jones@routematch.com> November 2005
navbuddy 1288/tcp NavBuddy
navbuddy 1288/udp NavBuddy
# Eric Hackman <ehackman@millapps.com>
jwalkserver 1289/tcp JWalkServer
jwalkserver 1289/udp JWalkServer

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| | | |
|----------------|----------|--|
| winjaserver | 1290/tcp | WinJaServer |
| winjaserver | 1290/udp | WinJaServer |
| seagulllms | 1291/tcp | SEAGULLLMS |
| seagulllms | 1291/udp | SEAGULLLMS |
| # | | Lee Breisacher <lbreisacher@seagullsw.com> |
| dsdn | 1292/tcp | dsdn |
| dsdn | 1292/udp | dsdn |
| # | | Stanislaw Skowronek <thesis@elementary.pl> |
| pkt-krb-ipsec | 1293/tcp | PKT-KRB-IPSec |
| pkt-krb-ipsec | 1293/udp | PKT-KRB-IPSec |
| # | | Nancy Davoust <n.davoust@cablelabs.com> |
| cmmdriver | 1294/tcp | CMMdriver |
| cmmdriver | 1294/udp | CMMdriver |
| # | | Lutz Karras <karras@zeiss.de> |
| ehtp | 1295/tcp | End-by-Hop Transmission Protocol |
| ehtp | 1295/udp | End-by-Hop Transmission Protocol |
| # | | Alexander Bogdanov <alexandr_bgd@softhome.net> |
| dproxy | 1296/tcp | dproxy |
| dproxy | 1296/udp | dproxy |
| sdproxy | 1297/tcp | sdproxy |
| sdproxy | 1297/udp | sdproxy |
| # | | Raimond Diederik <rdiederik@descartes.com> |
| lpcp | 1298/tcp | lpcp |
| lpcp | 1298/udp | lpcp |
| # | | Christian Stredicke <stredicke@snom.de> |
| hp-sci | 1299/tcp | hp-sci |
| hp-sci | 1299/udp | hp-sci |
| # | | Kim Scott <kims@cup.hp.com> |
| h323hostcallsc | 1300/tcp | H323 Host Call Secure |
| h323hostcallsc | 1300/udp | H323 Host Call Secure |
| # | | Jim Toga <jtoga@ideal.jf.intel.com> |
| ci3-software-1 | 1301/tcp | CI3-Software-1 |
| ci3-software-1 | 1301/udp | CI3-Software-1 |
| ci3-software-2 | 1302/tcp | CI3-Software-2 |
| ci3-software-2 | 1302/udp | CI3-Software-2 |
| # | | Kelli Watson <kwatson@ci3software.com> |
| sftsrv | 1303/tcp | sftsrv |
| sftsrv | 1303/udp | sftsrv |
| # | | Robert Frazier <BobF@mrp3.com> |
| boomerang | 1304/tcp | Boomerang |
| boomerang | 1304/udp | Boomerang |
| # | | Bruce Lueckenhoff <brucelu@cisco.com> |
| pe-mike | 1305/tcp | pe-mike |
| pe-mike | 1305/udp | pe-mike |
| # | | Stephen Hemminger <shemminger@passedge.com> |
| re-conn-proto | 1306/tcp | RE-Conn-Proto |
| re-conn-proto | 1306/udp | RE-Conn-Proto |
| # | | Sandeep Singhal <sandeep@reefedge.com> |
| pacmand | 1307/tcp | Pacmand |
| pacmand | 1307/udp | Pacmand |
| # | | Edward T. O'Shea <oshea@bellsouth.net> |
| odsi | 1308/tcp | Optical Domain Service Interconnect (ODSI) |
| odsi | 1308/udp | Optical Domain Service Interconnect (ODSI) |
| # | | K. Arvind <arvind@tenornetworks.com> |
| jtag-server | 1309/tcp | JTAG server |
| jtag-server | 1309/udp | JTAG server |
| # | | Andrew Draper <adraper@altera.com> |


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husky          1310/tcp    Husky
husky          1310/udp    Husky
#              Mark Zang <mark@zang.com>
rxmon         1311/tcp    RxMon
rxmon         1311/udp    RxMon
#              Javier Jiminez <javier_l_jimenez@dell.com>
sti-envision  1312/tcp    STI Envision
sti-envision  1312/udp    STI Envision
#              Don Stedman <dones@stisystems.com>
bmc_patrolldb 1313/tcp    BMC_PATROLDB
bmc_patrolldb 1313/udp    BMC_PATROLDB
#              Portnoy Boxman <portnoy_boxman@bmc.com>
pdps          1314/tcp    Photoscript Distributed Printing System
pdps          1314/udp    Photoscript Distributed Printing System
#              Les Klein <sgy@cix.compulink.co.uk>
els           1315/tcp    E.L.S., Event Listener Service
els           1315/udp    E.L.S., Event Listener Service
#              Jim Cleppe <clep13@hotmail.com>
exbit-escp    1316/tcp    Exbit-ESCP
exbit-escp    1316/udp    Exbit-ESCP
#              Morten Christensen <mjc@exbit.dk>
vrts-ipcserver 1317/tcp    vrts-ipcserver
vrts-ipcserver 1317/udp    vrts-ipcserver
#              Bruce Hestand <Bruce.Hestand@veritas.com>
krb5gatekeeper 1318/tcp    krb5gatekeeper
krb5gatekeeper 1318/udp    krb5gatekeeper
#              Patrick Moore <pcmoore@sandia.gov>
panja-icsp    1319/tcp    Panja-ICSP
panja-icsp    1319/udp    Panja-ICSP
#              Ron Barber <ron.barber@panja.com>
panja-axbnet  1320/tcp    Panja-AXBNET
panja-axbnet  1320/udp    Panja-AXBNET
#              Andrew van Wensen <avanwensen@panja.com>
pip           1321/tcp    PIP
pip           1321/udp    PIP
#              Gordon Mohr <gojomo@usa.net>
novation      1322/tcp    Novation
novation      1322/udp    Novation
#              Alan Dano <wiseobject@yahoo.com>
brcd          1323/tcp    brcd
brcd          1323/udp    brcd
#              Todd Picquelle <todd@picquelle.com>
delta-mcp     1324/tcp    delta-mcp
delta-mcp     1324/udp    delta-mcp
#              Quinton Tormanen <quinton@deltacompsys.com>
dx-instrument 1325/tcp    DX-Instrument
dx-instrument 1325/udp    DX-Instrument
#              Walt Modic <Walt.Modic@dionex.com>
wimsic        1326/tcp    WIMSIC
wimsic        1326/udp    WIMSIC
#              James Brown <ender@admdev.com>
ultrex        1327/tcp    Ultrex
ultrex        1327/udp    Ultrex
#              Tim Walsh <tim@ultrex.com>
ewall         1328/tcp    EWALL
ewall         1328/udp    EWALL
#              Jeff Busma <busma@echogent.com>

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netdb-export      1329/tcp    netdb-export
netdb-export      1329/udp    netdb-export
#                                                         Konstantinos Kostis <netdb@kostis.net>
streetperfect     1330/tcp    StreetPerfect
streetperfect     1330/udp    StreetPerfect
#                                                         Michael R. Young <michael.young@tor.sunpub.com>
intersan          1331/tcp    intersan
intersan          1331/udp    intersan
#                                                         Barry H. Feild <barry@intersan.net>
pcia-rxp-b        1332/tcp    PCIA RXP-B
pcia-rxp-b        1332/udp    PCIA RXP-B
#                                                         James Dabbs <jdabbs@tga.com>
passwd-policy     1333/tcp    Password Policy
passwd-policy     1333/udp    Password Policy
#                                                         Tonio Pirotta <tonio@tpis.com.au>
writesrv          1334/tcp    writesrv
writesrv          1334/udp    writesrv
#                                                         Marvin Toungate <toungate@austin.ibm.com>
digital-notary    1335/tcp    Digital Notary Protocol
digital-notary    1335/udp    Digital Notary Protocol
#                                                         Wes Doonan
ischat            1336/tcp    Instant Service Chat
ischat            1336/udp    Instant Service Chat
#                                                         Mike Clise <mikec@instant-service.com>
menandmice-dns   1337/tcp    menandmice DNS
menandmice-dns   1337/udp    menandmice DNS
#                                                         Sigfus Magnusson <sigfusm@menandmice.com>
wmc-log-svc      1338/tcp    WMC-log-svr
wmc-log-svc      1338/udp    WMC-log-svr
#                                                         Scott Anderson <sanderso@workingmachines.com>
kjtsiteserver    1339/tcp    kjtsiteserver
kjtsiteserver    1339/udp    kjtsiteserver
#                                                         Jason Aubain <jaubain@kjt.com>
naap              1340/tcp    NAAP
naap              1340/udp    NAAP
#                                                         Henry Haverinen <henry.haverinen@nokia.com>
qubes            1341/tcp    QuBES
qubes            1341/udp    QuBES
#                                                         Eric Grange <egrange@creative-it.net>
esbroker          1342/tcp    ESBroker
esbroker          1342/udp    ESBroker
#                                                         Alexander Medvinsky <smedvinsky@gi.com>
rel101           1343/tcp    rel101
rel101           1343/udp    rel101
#                                                         Dorian Blengino
<tecnico_remove_@_remove_xonelectronics.it>
icap              1344/tcp    ICAP
icap              1344/udp    ICAP
#                                                         Jeremy Elson <jelson@isi.edu>
vpjp             1345/tcp    VPJP
vpjp             1345/udp    VPJP
#                                                         Michael Collins <UBMCollins@aol.com>
alta-ana-lm      1346/tcp    Alta Analytics License Manager
alta-ana-lm      1346/udp    Alta Analytics License Manager
bbn-mmc          1347/tcp    multi media conferencing
bbn-mmc          1347/udp    multi media conferencing
bbn-mmx          1348/tcp    multi media conferencing

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| bbn-mmx | 1348/udp | multi media conferencing |
| sbook | 1349/tcp | Registration Network Protocol |
| sbook | 1349/udp | Registration Network Protocol |
| editbench | 1350/tcp | Registration Network Protocol |
| editbench | 1350/udp | Registration Network Protocol |
| # | | Simson L. Garfinkel <simsong@next.cambridge.ma.us> |
| equationbuilder | 1351/tcp | Digital Tool Works (MIT) |
| equationbuilder | 1351/udp | Digital Tool Works (MIT) |
| # | | Terrence J. Talbot <lexcube!tjt@bu.edu> |
| lotusnote | 1352/tcp | Lotus Note |
| lotusnote | 1352/udp | Lotus Note |
| # | | Greg Pflaum <iris.com!Greg_Pflaum@uunet.uu.net> |
| (July 1992) | | |
| relief | 1353/tcp | Relief Consulting |
| relief | 1353/udp | Relief Consulting |
| # | | John Feiler <relief!jjfeiler@uu2.psi.com> |
| XSIP-network | 1354/tcp | Five Across XSIP Network |
| XSIP-network | 1354/udp | Five Across XSIP Network |
| # | | Glenn Reid <port-reg@fiveacross.com> |
| intuitive-edge | 1355/tcp | Intuitive Edge |
| intuitive-edge | 1355/udp | Intuitive Edge |
| # | | Montgomery Zukowski |
| # | | <monty@nextnorth.acs.ohio-state.edu> |
| cuillamartin | 1356/tcp | CuillaMartin Company |
| cuillamartin | 1356/udp | CuillaMartin Company |
| pegboard | 1357/tcp | Electronic PegBoard |
| pegboard | 1357/udp | Electronic PegBoard |
| # | | Chris Cuilla |
| # | | <balr!vpnet!cuilla!chris@clout.chi.il.us> |
| connlcli | 1358/tcp | CONNLCI |
| connlcli | 1358/udp | CONNLCI |
| ftsrv | 1359/tcp | FTSRV |
| ftsrv | 1359/udp | FTSRV |
| # | | Ines Homem de Melo <sidinf@brfapesp.bitnet> |
| mimer | 1360/tcp | MIMER |
| mimer | 1360/udp | MIMER |
| # | | Per Schroeder <Per.Schroeder@mimer.se> |
| linx | 1361/tcp | LinX |
| linx | 1361/udp | LinX |
| # | | Steffen Schilke <---none--- ></td |
| timeflies | 1362/tcp | TimeFlies |
| timeflies | 1362/udp | TimeFlies |
| # | | Doug Kent <mouthers@slugg@nwnexus.wa.com> |
| ndm-requester | 1363/tcp | Network DataMover Requester |
| ndm-requester | 1363/udp | Network DataMover Requester |
| ndm-server | 1364/tcp | Network DataMover Server |
| ndm-server | 1364/udp | Network DataMover Server |
| # | | Toshio Watanabe |
| # | | <watanabe@godzilla.rsc.spdd.ricoh.co.j> |
| adapt-sna | 1365/tcp | Network Software Associates |
| adapt-sna | 1365/udp | Network Software Associates |
| # | | Jeffery Chiao <714-768-401> |
| netware-csp | 1366/tcp | Novell NetWare Comm Service Platform |
| netware-csp | 1366/udp | Novell NetWare Comm Service Platform |
| # | | Laurie Lindsey <llindsey@novell.com> |
| dcs | 1367/tcp | DCS |
| dcs | 1367/udp | DCS |

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# Stefan Siebert <ssiebert@dcs.de>
screencast 1368/tcp ScreenCast
screencast 1368/udp ScreenCast
# Bill Tschumy <other!bill@uunet.UU.NET>
gv-us 1369/tcp GlobalView to Unix Shell
gv-us 1369/udp GlobalView to Unix Shell
us-gv 1370/tcp Unix Shell to GlobalView
us-gv 1370/udp Unix Shell to GlobalView
# Makoto Mita <mita@ssdev.ksp.fujixerox.co.jp>
fc-cli 1371/tcp Fujitsu Config Protocol
fc-cli 1371/udp Fujitsu Config Protocol
fc-ser 1372/tcp Fujitsu Config Protocol
fc-ser 1372/udp Fujitsu Config Protocol
# Ryuichi Horie <horie@spad.sysrap.cs.fujitsu.co.jp>
chromagrafx 1373/tcp Chromagrafx
chromagrafx 1373/udp Chromagrafx
# Mike Barthelemy <msb@chromagrafx.com>
molly 1374/tcp EPI Software Systems
molly 1374/udp EPI Software Systems
# Jim Vlcek <jvlcek@veeco.com>
bytex 1375/tcp Bytex
bytex 1375/udp Bytex
# Mary Ann Burt <bytex!ws054!maryann@uunet.UU.NET>
ibm-pps 1376/tcp IBM Person to Person Software
ibm-pps 1376/udp IBM Person to Person Software
# Simon Phipps <sphipp@vnet.ibm.com>
cichlid 1377/tcp Cichlid License Manager
cichlid 1377/udp Cichlid License Manager
# Andy Burgess <aab@cichlid.com>
elan 1378/tcp Elan License Manager
elan 1378/udp Elan License Manager
# Ken Greer <kg@elan.com>
dbreporter 1379/tcp Integrity Solutions
dbreporter 1379/udp Integrity Solutions
# Tim Dawson <tdawson%mspboss@uunet.UU.NET>
telesis-licman 1380/tcp Telesis Network License Manager
telesis-licman 1380/udp Telesis Network License Manager
# Karl Schendel, Jr. <wiz@telesis.com>
apple-licman 1381/tcp Apple Network License Manager
apple-licman 1381/udp Apple Network License Manager
# Earl Wallace <earlw@apple.com>
udt_os 1382/tcp udt_os
udt_os 1382/udp udt_os
gwha 1383/tcp GW Hannaway Network License Manager
gwha 1383/udp GW Hannaway Network License Manager
# J. Gabriel Foster <fop@gwha.com>
os-licman 1384/tcp Objective Solutions License Manager
os-licman 1384/udp Objective Solutions License Manager
# Donald Cornwell <don.cornwell@objective.com>
atex_elmd 1385/tcp Atex Publishing License Manager
atex_elmd 1385/udp Atex Publishing License Manager
# Brett Sorenson <bcs@atex.com>
checksum 1386/tcp CheckSum License Manager
checksum 1386/udp CheckSum License Manager
# Andreas Glocker <glocker@sirius.com>
cadsi-lm 1387/tcp Computer Aided Design Software Inc LM
cadsi-lm 1387/udp Computer Aided Design Software Inc LM

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|-----------------|----------|---|
| # | | Sulistio Muljadi <e-mail?> |
| objective-dbc | 1388/tcp | Objective Solutions DataBase Cache |
| objective-dbc | 1388/udp | Objective Solutions DataBase Cache |
| # | | Donald Cornwell <e-mail?> |
| iclpv-dm | 1389/tcp | Document Manager |
| iclpv-dm | 1389/udp | Document Manager |
| iclpv-sc | 1390/tcp | Storage Controller |
| iclpv-sc | 1390/udp | Storage Controller |
| iclpv-sas | 1391/tcp | Storage Access Server |
| iclpv-sas | 1391/udp | Storage Access Server |
| iclpv-pm | 1392/tcp | Print Manager |
| iclpv-pm | 1392/udp | Print Manager |
| iclpv-nls | 1393/tcp | Network Log Server |
| iclpv-nls | 1393/udp | Network Log Server |
| iclpv-nlc | 1394/tcp | Network Log Client |
| iclpv-nlc | 1394/udp | Network Log Client |
| iclpv-wsm | 1395/tcp | PC Workstation Manager software |
| iclpv-wsm | 1395/udp | PC Workstation Manager software |
| # | | A.P. Hobson <A.P.Hobson@bra0112.wins.icl.co.uk> |
| dvl-activemail | 1396/tcp | DVL Active Mail |
| dvl-activemail | 1396/udp | DVL Active Mail |
| audio-activmail | 1397/tcp | Audio Active Mail |
| audio-activmail | 1397/udp | Audio Active Mail |
| video-activmail | 1398/tcp | Video Active Mail |
| video-activmail | 1398/udp | Video Active Mail |
| # | | Avshalom Houri <Avshalom@ubique.com> |
| cadkey-licman | 1399/tcp | Cadkey License Manager |
| cadkey-licman | 1399/udp | Cadkey License Manager |
| cadkey-tablet | 1400/tcp | Cadkey Tablet Daemon |
| cadkey-tablet | 1400/udp | Cadkey Tablet Daemon |
| # | | Joe McCollough <joe@cadkey.com> |
| goldleaf-licman | 1401/tcp | Goldleaf License Manager |
| goldleaf-licman | 1401/udp | Goldleaf License Manager |
| # | | John Fox <----none----> |
| prm-sm-np | 1402/tcp | Prospero Resource Manager |
| prm-sm-np | 1402/udp | Prospero Resource Manager |
| prm-nm-np | 1403/tcp | Prospero Resource Manager |
| prm-nm-np | 1403/udp | Prospero Resource Manager |
| # | | B. Clifford Neuman <bcn@isi.edu> |
| igi-lm | 1404/tcp | Infinite Graphics License Manager |
| igi-lm | 1404/udp | Infinite Graphics License Manager |
| ibm-res | 1405/tcp | IBM Remote Execution Starter |
| ibm-res | 1405/udp | IBM Remote Execution Starter |
| netlabs-lm | 1406/tcp | NetLabs License Manager |
| netlabs-lm | 1406/udp | NetLabs License Manager |
| dbsa-lm | 1407/tcp | DBSA License Manager |
| dbsa-lm | 1407/udp | DBSA License Manager |
| # | | Scott Shattuck <ss@dbsa.com> |
| sophia-lm | 1408/tcp | Sophia License Manager |
| sophia-lm | 1408/udp | Sophia License Manager |
| # | | Eric Brown <sst!emerald!eric@uunet.UU.net> |
| here-lm | 1409/tcp | Here License Manager |
| here-lm | 1409/udp | Here License Manager |
| # | | David Ison <here@dialup.oar.net> |
| hiq | 1410/tcp | HiQ License Manager |
| hiq | 1410/udp | HiQ License Manager |
| # | | Rick Pugh <rick@bilmillennium.com> |

| | | |
|---------------|----------|---|
| af | 1411/tcp | AudioFile |
| af | 1411/udp | AudioFile |
| # | | Jim Gettys <jg@crl.dec.com> |
| innosys | 1412/tcp | InnoSys |
| innosys | 1412/udp | InnoSys |
| innosys-acl | 1413/tcp | Innosys-ACL |
| innosys-acl | 1413/udp | Innosys-ACL |
| # | | Eric Welch <---none---> |
| ibm-mqseries | 1414/tcp | IBM MQSeries |
| ibm-mqseries | 1414/udp | IBM MQSeries |
| # | | Roger Meli <rmmeli%winvmd@vnet.ibm.com> |
| dbstar | 1415/tcp | DBStar |
| dbstar | 1415/udp | DBStar |
| # | | Jeffrey Millman <jcm@dbstar.com> |
| novell-lu6.2 | 1416/tcp | Novell LU6.2 |
| novell-lu6.2 | 1416/udp | Novell LU6.2 |
| # | | Peter Liu <---none---> |
| timbuktu-srv1 | 1417/tcp | Timbuktu Service 1 Port |
| timbuktu-srv1 | 1417/udp | Timbuktu Service 1 Port |
| timbuktu-srv2 | 1418/tcp | Timbuktu Service 2 Port |
| timbuktu-srv2 | 1418/udp | Timbuktu Service 2 Port |
| timbuktu-srv3 | 1419/tcp | Timbuktu Service 3 Port |
| timbuktu-srv3 | 1419/udp | Timbuktu Service 3 Port |
| timbuktu-srv4 | 1420/tcp | Timbuktu Service 4 Port |
| timbuktu-srv4 | 1420/udp | Timbuktu Service 4 Port |
| # | | Marc Epard <marc@netopia.com> |
| gandalf-lm | 1421/tcp | Gandalf License Manager |
| gandalf-lm | 1421/udp | Gandalf License Manager |
| # | | gilmer@gandalf.ca |
| autodesk-lm | 1422/tcp | Autodesk License Manager |
| autodesk-lm | 1422/udp | Autodesk License Manager |
| # | | David Ko <dko@autodesk.com> |
| essbase | 1423/tcp | Essbase Arbor Software |
| essbase | 1423/udp | Essbase Arbor Software |
| hybrid | 1424/tcp | Hybrid Encryption Protocol |
| hybrid | 1424/udp | Hybrid Encryption Protocol |
| # | | Howard Hart <hch@hybrid.com> |
| zion-lm | 1425/tcp | Zion Software License Manager |
| zion-lm | 1425/udp | Zion Software License Manager |
| # | | David Ferrero <david@zion.com> |
| sais | 1426/tcp | Satellite-data Acquisition System 1 |
| sais | 1426/udp | Satellite-data Acquisition System 1 |
| # | | Bill Taylor <sais@ssec.wisc.edu> |
| mloadd | 1427/tcp | mloadd monitoring tool |
| mloadd | 1427/udp | mloadd monitoring tool |
| # | | Bob Braden <braden@isi.edu> |
| informatik-lm | 1428/tcp | Informatik License Manager |
| informatik-lm | 1428/udp | Informatik License Manager |
| # | | Harald Schlangmann |
| # | | <schlangm@informatik.uni-muenchen.de> |
| nms | 1429/tcp | Hypercom NMS |
| nms | 1429/udp | Hypercom NMS |
| tpdu | 1430/tcp | Hypercom TPDU |
| tpdu | 1430/udp | Hypercom TPDU |
| # | | Noor Chowdhury <noor@hypercom.com> |
| rgtp | 1431/tcp | Reverse Gossip Transport |
| rgtp | 1431/udp | Reverse Gossip Transport |

| | | |
|--------------|----------|---|
| # | | Ian Jackson <iwj@cam-orl.co.uk> |
| blueberry-lm | 1432/tcp | Blueberry Software License Manager |
| blueberry-lm | 1432/udp | Blueberry Software License Manager |
| # | | Steve Beigel <ublaub!steve@uunet.uu.net> |
| ms-sql-s | 1433/tcp | Microsoft-SQL-Server |
| ms-sql-s | 1433/udp | Microsoft-SQL-Server |
| ms-sql-m | 1434/tcp | Microsoft-SQL-Monitor |
| ms-sql-m | 1434/udp | Microsoft-SQL-Monitor |
| # | | Peter Hussey <peterhus@microsoft.com> |
| ibm-cics | 1435/tcp | IBM CICS |
| ibm-cics | 1435/udp | IBM CICS |
| # | | Geoff Meacock <gbibmswl@ibmmail.COM> |
| saism | 1436/tcp | Satellite-data Acquisition System 2 |
| saism | 1436/udp | Satellite-data Acquisition System 2 |
| # | | Bill Taylor <sais@ssec.wisc.edu> |
| tabula | 1437/tcp | Tabula |
| tabula | 1437/udp | Tabula |
| # | | Marcelo Einhorn |
| # | | <KGUNE%HUJIVM1.bitnet@taunivm.tau.ac.il> |
| eicon-server | 1438/tcp | Eicon Security Agent/Server |
| eicon-server | 1438/udp | Eicon Security Agent/Server |
| eicon-x25 | 1439/tcp | Eicon X25/SNA Gateway |
| eicon-x25 | 1439/udp | Eicon X25/SNA Gateway |
| eicon-slp | 1440/tcp | Eicon Service Location Protocol |
| eicon-slp | 1440/udp | Eicon Service Location Protocol |
| # | | Pat Calhoun <CALHOUN@admin.eicon.qc.ca> |
| cadis-1 | 1441/tcp | Cadis License Management |
| cadis-1 | 1441/udp | Cadis License Management |
| cadis-2 | 1442/tcp | Cadis License Management |
| cadis-2 | 1442/udp | Cadis License Management |
| # | | Todd Wichers <twichers@csn.org> |
| ies-lm | 1443/tcp | Integrated Engineering Software |
| ies-lm | 1443/udp | Integrated Engineering Software |
| # | | David Tong <David_Tong@integrated.mb.ca> |
| marcam-lm | 1444/tcp | Marcam License Management |
| marcam-lm | 1444/udp | Marcam License Management |
| # | | Therese Hunt <hunt@marcam.com> |
| proxima-lm | 1445/tcp | Proxima License Manager |
| proxima-lm | 1445/udp | Proxima License Manager |
| ora-lm | 1446/tcp | Optical Research Associates License Manager |
| ora-lm | 1446/udp | Optical Research Associates License Manager |
| apri-lm | 1447/tcp | Applied Parallel Research LM |
| apri-lm | 1447/udp | Applied Parallel Research LM |
| # | | Jim Dillon <jed@apri.com> |
| oc-lm | 1448/tcp | OpenConnect License Manager |
| oc-lm | 1448/udp | OpenConnect License Manager |
| # | | Sue Barnhill <snb@oc.com> |
| peport | 1449/tcp | PEport |
| peport | 1449/udp | PEport |
| # | | Quentin Neill <quentin@ColumbiaSC.NCR.COM> |
| dwf | 1450/tcp | Tandem Distributed Workbench Facility |
| dwf | 1450/udp | Tandem Distributed Workbench Facility |
| # | | Mike Bert <BERG_MIKE@tandem.com> |
| infoman | 1451/tcp | IBM Information Management |
| infoman | 1451/udp | IBM Information Management |
| # | | Karen Burns <----none----> |
| gtegsc-lm | 1452/tcp | GTE Government Systems License Man |

| | | |
|----------------|----------|--|
| gtegsc-lm | 1452/udp | GTE Government Systems License Man |
| # | | Mike Gregory <Gregory_Mike@msmail.iipo.gtegsc.com> |
| genie-lm | 1453/tcp | Genie License Manager |
| genie-lm | 1453/udp | Genie License Manager |
| # | | Paul Applegate <p.applegate2@genie.geis.com> |
| interhdl_elmd | 1454/tcp | interHDL License Manager |
| interhdl_elmd | 1454/udp | interHDL License Manager |
| # | | Eli Sternheim eli@interhdl.com |
| esl-lm | 1455/tcp | ESL License Manager |
| esl-lm | 1455/udp | ESL License Manager |
| # | | Abel Chou <abel@willy.esl.com> |
| dca | 1456/tcp | DCA |
| dca | 1456/udp | DCA |
| # | | Jeff Garbers <jgarbers@netcom.com> |
| valisys-lm | 1457/tcp | Valisys License Manager |
| valisys-lm | 1457/udp | Valisys License Manager |
| # | | Leslie Lincoln <leslie_lincoln@valisys.com> |
| nrcabq-lm | 1458/tcp | Nichols Research Corp. |
| nrcabq-lm | 1458/udp | Nichols Research Corp. |
| # | | Howard Cole <hcole@tumbleweed.nrcabq.com> |
| proshare1 | 1459/tcp | Proshare Notebook Application |
| proshare1 | 1459/udp | Proshare Notebook Application |
| proshare2 | 1460/tcp | Proshare Notebook Application |
| proshare2 | 1460/udp | Proshare Notebook Application |
| # | | Robin Kar <Robin_Kar@ccm.hf.intel.com> |
| ibm_wrless_lan | 1461/tcp | IBM Wireless LAN |
| ibm_wrless_lan | 1461/udp | IBM Wireless LAN |
| # | | <flanne@vnet.IBM.COM> |
| world-lm | 1462/tcp | World License Manager |
| world-lm | 1462/udp | World License Manager |
| # | | Michael S Amirault <ambi@world.std.com> |
| nucleus | 1463/tcp | Nucleus |
| nucleus | 1463/udp | Nucleus |
| # | | Venky Nagar <venky@fafner.Stanford.EDU> |
| mssl_lmd | 1464/tcp | MSL License Manager |
| mssl_lmd | 1464/udp | MSL License Manager |
| # | | Matt Timmermans |
| pipes | 1465/tcp | Pipes Platform |
| pipes | 1465/udp | Pipes Platform mfarlin@peerlogic.com |
| # | | Mark Farlin <mfarlin@peerlogic.com> |
| oceansoft-lm | 1466/tcp | Ocean Software License Manager |
| oceansoft-lm | 1466/udp | Ocean Software License Manager |
| # | | Randy Leonard <randy@oceansoft.com> |
| csdmbase | 1467/tcp | CSDMBASE |
| csdmbase | 1467/udp | CSDMBASE |
| csdm | 1468/tcp | CSDM |
| csdm | 1468/udp | CSDM |
| # | | Robert Stabl <stabl@informatik.uni-muenchen.de> |
| aal-lm | 1469/tcp | Active Analysis Limited License Manager |
| aal-lm | 1469/udp | Active Analysis Limited License Manager |
| # | | David Snocken +44 (71)437-7009 |
| uaiact | 1470/tcp | Universal Analytics |
| uaiact | 1470/udp | Universal Analytics |
| # | | Mark R. Ludwig <Mark-Ludwig@uai.com> |
| csdmbase | 1471/tcp | csdmbase |
| csdmbase | 1471/udp | csdmbase |
| csdm | 1472/tcp | csdm |

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| csgm | 1472/udp | csgm |
| # | | Robert Stabl <stabl@informatik.uni-muenchen.de> |
| openmath | 1473/tcp | OpenMath |
| openmath | 1473/udp | OpenMath |
| # | | Garth Mayville <mayville@maplesoft.on.ca> |
| telefinder | 1474/tcp | Telefinder |
| telefinder | 1474/udp | Telefinder |
| # | | Jim White <Jim_White@spiderisland.com> |
| taligent-lm | 1475/tcp | Taligent License Manager |
| taligent-lm | 1475/udp | Taligent License Manager |
| # | | Mark Sapsford <Mark_Sapsford@taligent.com> |
| clvm-cfg | 1476/tcp | clvm-cfg |
| clvm-cfg | 1476/udp | clvm-cfg |
| # | | Eric Soderberg <seric@cup.hp.com> |
| ms-sna-server | 1477/tcp | ms-sna-server |
| ms-sna-server | 1477/udp | ms-sna-server |
| ms-sna-base | 1478/tcp | ms-sna-base |
| ms-sna-base | 1478/udp | ms-sna-base |
| # | | Gordon Mangione <gordm@microsoft.com> |
| dberegister | 1479/tcp | dberegister |
| dberegister | 1479/udp | dberegister |
| # | | Brian Griswold <brian@dancingbear.com> |
| pacforum | 1480/tcp | PacerForum |
| pacforum | 1480/udp | PacerForum |
| # | | Peter Caswell <pfc@pacvax.pacersoft.com> |
| airs | 1481/tcp | AIRS |
| airs | 1481/udp | AIRS |
| # | | Bruce Wilson, 905-771-6161 |
| miteksys-lm | 1482/tcp | Miteksys License Manager |
| miteksys-lm | 1482/udp | Miteksys License Manager |
| # | | Shane McRoberts <mroberts@miteksys.com> |
| afs | 1483/tcp | AFS License Manager |
| afs | 1483/udp | AFS License Manager |
| # | | Michael R. Pizolato <michael@afs.com> |
| confluent | 1484/tcp | Confluent License Manager |
| confluent | 1484/udp | Confluent License Manager |
| # | | James Greenfiel <jim@pa.confluent.com> |
| lansource | 1485/tcp | LANSource |
| lansource | 1485/udp | LANSource |
| # | | Christopher Wells <Christopher_Wells@3com.com> |
| nms_topo_serv | 1486/tcp | nms_topo_serv |
| nms_topo_serv | 1486/udp | nms_topo_serv |
| # | | Sylvia Siu <Sylvia_Siu@Novell.CO> |
| localinfosrvr | 1487/tcp | LocalInfoSrvr |
| localinfosrvr | 1487/udp | LocalInfoSrvr |
| # | | Brian Matthews <brian_matthews@ibist.ibis.com> |
| docstor | 1488/tcp | DocStor |
| docstor | 1488/udp | DocStor |
| # | | Brian Spears <bspears@salix.com> |
| dmdocbroker | 1489/tcp | dmdocbroker |
| dmdocbroker | 1489/udp | dmdocbroker |
| # | | Razmik Abnous <abnous@documentum.com> |
| insitu-conf | 1490/tcp | insitu-conf |
| insitu-conf | 1490/udp | insitu-conf |
| # | | Paul Blacknell <paul@insitu.com> |
| anyetgateway | 1491/tcp | anyetgateway |
| anyetgateway | 1491/udp | anyetgateway |

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| # | | Dan Poirier <poirier@VNET.IBM.COM> |
| stone-design-1 | 1492/tcp | stone-design-1 |
| stone-design-1 | 1492/udp | stone-design-1 |
| # | | Andrew Stone <andrew@stone.com> |
| netmap_lm | 1493/tcp | netmap_lm |
| netmap_lm | 1493/udp | netmap_lm |
| # | | Phillip Magson <philm@extro.ucc.su.OZ.AU> |
| ica | 1494/tcp | ica |
| ica | 1494/udp | ica |
| # | | John Richardson, Citrix Systems |
| cvc | 1495/tcp | cvc |
| cvc | 1495/udp | cvc |
| # | | Bill Davidson <billd@equalizer.cray.com> |
| liberty-lm | 1496/tcp | liberty-lm |
| liberty-lm | 1496/udp | liberty-lm |
| # | | Jim Rogers <trane!jimbo@pacbell.com> |
| rfx-lm | 1497/tcp | rfx-lm |
| rfx-lm | 1497/udp | rfx-lm |
| # | | Bill Bishop <bil@rfx.rfx.com> |
| sybase-sqlany | 1498/tcp | Sybase SQL Any |
| sybase-sqlany | 1498/udp | Sybase SQL Any |
| # | | Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com> |
| fhc | 1499/tcp | Federico Heinz Consultora |
| fhc | 1499/udp | Federico Heinz Consultora |
| # | | Federico Heinz <federico@heinz.com> |
| vlsi-lm | 1500/tcp | VLSI License Manager |
| vlsi-lm | 1500/udp | VLSI License Manager |
| # | | Shue-Lin Kuo <shuelin@mdk.sanjose.vlsi.com> |
| saiscm | 1501/tcp | Satellite-data Acquisition System 3 |
| saiscm | 1501/udp | Satellite-data Acquisition System 3 |
| # | | Bill Taylor <sais@ssec.wisc.edu> |
| shivadiscovery | 1502/tcp | Shiva |
| shivadiscovery | 1502/udp | Shiva |
| # | | Jonathan Wenocur <jhw@Shiva.COM> |
| imtc-mcs | 1503/tcp | Databeam |
| imtc-mcs | 1503/udp | Databeam |
| # | | Jim Johnston <jjohnston@databeam.com> |
| evb-elm | 1504/tcp | EVB Software Engineering License Manager |
| evb-elm | 1504/udp | EVB Software Engineering License Manager |
| # | | B.G. Mahesh <mahesh@sett.com> |
| funkproxy | 1505/tcp | Funk Software, Inc. |
| funkproxy | 1505/udp | Funk Software, Inc. |
| # | | Robert D. Vincent <bert@willowpond.com> |
| utcd | 1506/tcp | Universal Time daemon (utcd) |
| utcd | 1506/udp | Universal Time daemon (utcd) |
| # | | Walter Poxon <wdp@ironwood.cray.com> |
| symplex | 1507/tcp | symplex |
| symplex | 1507/udp | symplex |
| # | | Mike Turley <turley@symplex.com> |
| diagmond | 1508/tcp | diagmond |
| diagmond | 1508/udp | diagmond |
| # | | Pete Moscatelli <moscat@hprdstl10.rose.hp.com> |
| robcad-lm | 1509/tcp | Robcad, Ltd. License Manager |
| robcad-lm | 1509/udp | Robcad, Ltd. License Manager |
| # | | Hindin Joseph <hindin%robcad@uunet.uu.net> |
| mvx-lm | 1510/tcp | Midland Valley Exploration Ltd. Lic. Man. |
| mvx-lm | 1510/udp | Midland Valley Exploration Ltd. Lic. Man. |

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| # | | Neil Salter <neil@indigo2.mvel.demon.co.uk>Laszlo |
| 31-11 | 1511/tcp | 31-11 |
| 31-11 | 1511/udp | 31-11 |
| # | | Ian A. Young <iay@threel.co.uk> |
| wins | 1512/tcp | Microsoft's Windows Internet Name Service |
| wins | 1512/udp | Microsoft's Windows Internet Name Service |
| # | | Pradeep Bahl <pradeepb@microsoft.com> |
| fujitsu-dtc | 1513/tcp | Fujitsu Systems Business of America, Inc |
| fujitsu-dtc | 1513/udp | Fujitsu Systems Business of America, Inc |
| fujitsu-dtcns | 1514/tcp | Fujitsu Systems Business of America, Inc |
| fujitsu-dtcns | 1514/udp | Fujitsu Systems Business of America, Inc |
| # | | Charles A. Higgins <75730.2257@compuserve.com> |
| ifor-protocol | 1515/tcp | ifor-protocol |
| ifor-protocol | 1515/udp | ifor-protocol |
| # | | Dr. R.P. Alston <robin@gradient.com> |
| vpad | 1516/tcp | Virtual Places Audio data |
| vpad | 1516/udp | Virtual Places Audio data |
| vpac | 1517/tcp | Virtual Places Audio control |
| vpac | 1517/udp | Virtual Places Audio control |
| vpvd | 1518/tcp | Virtual Places Video data |
| vpvd | 1518/udp | Virtual Places Video data |
| vpvc | 1519/tcp | Virtual Places Video control |
| vpvc | 1519/udp | Virtual Places Video control |
| # | | Avshalom Hourri <Avshalom@ubique.com> |
| atm-zip-office | 1520/tcp | atm zip office |
| atm-zip-office | 1520/udp | atm zip office |
| # | | Wilson Kwan <wilsonk%toronto@zip.atm.com> |
| ncube-lm | 1521/tcp | nCube License Manager |
| ncube-lm | 1521/udp | nCube License Manager |
| # | | Maxine Yuen <maxine@hq.ncube.com> |
| ricardo-lm | 1522/tcp | Ricardo North America License Manager |
| ricardo-lm | 1522/udp | Ricardo North America License Manager |
| # | | Mike Flemming <mf@xnet.com> |
| cichild-lm | 1523/tcp | cichild |
| cichild-lm | 1523/udp | cichild |
| # | | Andy Burgess <aab@cichlid.com> |
| ingreslock | 1524/tcp | ingres |
| ingreslock | 1524/udp | ingres |
| orasrv | 1525/tcp | oracle |
| orasrv | 1525/udp | oracle |
| prospero-np | 1525/tcp | Prospero Directory Service non-priv |
| prospero-np | 1525/udp | Prospero Directory Service non-priv |
| pdap-np | 1526/tcp | Prospero Data Access Prot non-priv |
| pdap-np | 1526/udp | Prospero Data Access Prot non-priv |
| # | | B. Clifford Neuman <bcn@isi.edu> |
| tlisrv | 1527/tcp | oracle |
| tlisrv | 1527/udp | oracle |
| mcautoreg | 1528/tcp | micautoreg |
| mcautoreg | 1528/udp | micautoreg |
| # | | John Klensin <klensin@MAIL1.RESTON.MCI.NET> |
| coauthor | 1529/tcp | oracle |
| coauthor | 1529/udp | oracle |
| rap-service | 1530/tcp | rap-service |
| rap-service | 1530/udp | rap-service |
| rap-listen | 1531/tcp | rap-listen |
| rap-listen | 1531/udp | rap-listen |
| # | | Phil Servita <meister@ftp.com> |

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| miroconnect | 1532/tcp | miroconnect |
| miroconnect | 1532/udp | miroconnect |
| # | | Michael Fischer +49 531 21 13 0 |
| virtual-places | 1533/tcp | Virtual Places Software |
| virtual-places | 1533/udp | Virtual Places Software |
| # | | Avshalom Houri <Avshalom@ubique.com> |
| micromuse-lm | 1534/tcp | micromuse-lm |
| micromuse-lm | 1534/udp | micromuse-lm |
| # | | Adam Kerrison <adam@micromuse.co.uk> |
| ampr-info | 1535/tcp | ampr-info |
| ampr-info | 1535/udp | ampr-info |
| ampr-inter | 1536/tcp | ampr-inter |
| ampr-inter | 1536/udp | ampr-inter |
| # | | Rob Janssen <rob@sys3.pelchl.ampr.org> |
| sdsc-lm | 1537/tcp | isi-lm |
| sdsc-lm | 1537/udp | isi-lm |
| # | | Len Wanger <lrw@sdsc.edu> |
| 3ds-lm | 1538/tcp | 3ds-lm |
| 3ds-lm | 1538/udp | 3ds-lm |
| # | | Keith Trummel <ktrummel@autodesk.com> |
| intellistor-lm | 1539/tcp | Intellistor License Manager |
| intellistor-lm | 1539/udp | Intellistor License Manager |
| # | | Ron Vaughn <rv@intellistor.com> |
| rds | 1540/tcp | rds |
| rds | 1540/udp | rds |
| rds2 | 1541/tcp | rds2 |
| rds2 | 1541/udp | rds2 |
| # | | Sudhakar Rajamannar <mobius1@cerfnet.com> |
| gridgen-elmd | 1542/tcp | gridgen-elmd |
| gridgen-elmd | 1542/udp | gridgen-elmd |
| # | | John R. Chawner +1 817 354-1004 |
| simba-cs | 1543/tcp | simba-cs |
| simba-cs | 1543/udp | simba-cs |
| # | | Betsy Alexander +1 604-681-4549 |
| aspeclmd | 1544/tcp | aspeclmd |
| aspeclmd | 1544/udp | aspeclmd |
| # | | V. Balaji <balaji@aspec.com> |
| vistium-share | 1545/tcp | vistium-share |
| vistium-share | 1545/udp | vistium-share |
| # | | Allison Carleton |
| # | | <acarleto@naper1.napervilleil.ncr.com> |
| abbaccuray | 1546/tcp | abbaccuray |
| abbaccuray | 1546/udp | abbaccuray |
| # | | John Wendt 614-261-2000 |
| laplink | 1547/tcp | laplink |
| laplink | 1547/udp | laplink |
| # | | Michael Crawford <MichaelC@dev.travsoft.com> |
| axon-lm | 1548/tcp | Axon License Manager |
| axon-lm | 1548/udp | Axon License Manager |
| # | | Mark Pearce <<Mark_A.._Pearce/AXON_Networks_Inc..@notes.axon.com> |
| shivahose | 1549/tcp | Shiva Hose |
| shivasound | 1549/udp | Shiva Sound |
| # | | Kin Chan <kchan@shiva.com> |
| 3m-image-lm | 1550/tcp | Image Storage license manager 3M Company |
| 3m-image-lm | 1550/udp | Image Storage license manager 3M Company |
| # | | J. C. Canessa <jccanessa@mmm.com> |
| hecmtl-db | 1551/tcp | HECMTL-DB |

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| hecmtl-db | 1551/udp | HECMTL-DB |
| # | | Maxime Belanger <R173@hec.ca> |
| pciarray | 1552/tcp | pciarray |
| pciarray | 1552/udp | pciarray |
| # | | Ron Folk <rfolkes@avl.com> |
| sna-cs | 1553/tcp | sna-cs |
| sna-cs | 1553/udp | sna-cs |
| # | | Tony Sowter <ts@datcon.co.uk> |
| caci-lm | 1554/tcp | CACI Products Company License Manager |
| caci-lm | 1554/udp | CACI Products Company License Manager |
| # | | Erik Blume <erikb@caciasl.com> |
| livelan | 1555/tcp | livelan |
| livelan | 1555/udp | livelan |
| # | | khedayat@roadrunner.pictel.com <Kaynam Hedayat> |
| veritas_pbx | 1556/tcp | VERITAS Private Branch Exchange |
| veritas_pbx | 1556/udp | VERITAS Private Branch Exchange |
| # | | Stefan Winkel <stefan@veritas.com> April 2004 |
| arbortext-lm | 1557/tcp | ArborText License Manager |
| arbortext-lm | 1557/udp | ArborText License Manager |
| # | | David J. Wilson <djwt@arbortext.com> |
| xingmpeg | 1558/tcp | xingmpeg |
| xingmpeg | 1558/udp | xingmpeg |
| # | | Howard Gordon <hgordon@system.xingtech.com> |
| web2host | 1559/tcp | web2host |
| web2host | 1559/udp | web2host |
| # | | Stephen Johnson <sjohnson@mindspring.com> |
| ascii-val | 1560/tcp | ASCII-RemoteSHADOW |
| ascii-val | 1560/udp | ASCII-RemoteSHADOW |
| # | | Benjamin Rosenberg <brosenberg@advsyscon.com> |
| facilityview | 1561/tcp | facilityview |
| facilityview | 1561/udp | facilityview |
| # | | Ed Green <egreen@pmeasuring.com> |
| pconnectmgr | 1562/tcp | pconnectmgr |
| pconnectmgr | 1562/udp | pconnectmgr |
| # | | Bob Kaiser <BKaiser@palindrome.com> |
| cadabra-lm | 1563/tcp | Cadabra License Manager |
| cadabra-lm | 1563/udp | Cadabra License Manager |
| # | | Arthur Castonguay <arthurc@doe.carleton.ca> |
| pay-per-view | 1564/tcp | Pay-Per-View |
| pay-per-view | 1564/udp | Pay-Per-View |
| # | | Brian Tung <brian@isi.edu> |
| winddlb | 1565/tcp | WinDD |
| winddlb | 1565/udp | WinDD |
| # | | Kelly Sims <kellys@garnet.wv.tek.com> |
| corelvideo | 1566/tcp | CORELVIDEO |
| corelvideo | 1566/udp | CORELVIDEO |
| # | | Ming Poon <mingp@corel.ca> |
| jlicelmd | 1567/tcp | jlicelmd |
| jlicelmd | 1567/udp | jlicelmd |
| # | | Christian Schormann <100410.3063@compuserve.com> |
| tsspmap | 1568/tcp | tsspmap |
| tsspmap | 1568/udp | tsspmap |
| # | | Paul W. Nelson <nelson@thursby.com> |
| ets | 1569/tcp | ets |
| ets | 1569/udp | ets |
| # | | Carstein Seeberg <case@boole.no> |
| orbixd | 1570/tcp | orbixd |

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| orbixd | 1570/udp | orbixd |
| # | | Bridget Walsh <bwalsh@iona.ie> |
| rdb-dbs-disp | 1571/tcp | Oracle Remote Data Base |
| rdb-dbs-disp | 1571/udp | Oracle Remote Data Base |
| # | | <mackin@us.oracle.com> |
| chip-lm | 1572/tcp | Chipcom License Manager |
| chip-lm | 1572/udp | Chipcom License Manager |
| # | | Jerry Natowitz <Jerry.Natowitz> |
| itscomm-ns | 1573/tcp | itscomm-ns |
| itscomm-ns | 1573/udp | itscomm-ns |
| # | | Rich Thompson <richt@watson.ibm.com> |
| mvel-lm | 1574/tcp | mvel-lm |
| mvel-lm | 1574/udp | mvel-lm |
| # | | David Bisset <dbisset@mvel.demon.co.uk> |
| oraclenames | 1575/tcp | oraclenames |
| oraclenames | 1575/udp | oraclenames |
| # | | P.V.Shivkumar <PSHIVKUM@us.oracle.com> |
| moldflow-lm | 1576/tcp | Moldflow License Manager |
| moldflow-lm | 1576/udp | Moldflow License Manager |
| # | | Lech Laskowski <lech_laskowski@moldflow.com> |
| hypercube-lm | 1577/tcp | hypercube-lm |
| hypercube-lm | 1577/udp | hypercube-lm |
| # | | Christopher McLendon <cem@hyper.com> |
| jacobus-lm | 1578/tcp | Jacobus License Manager |
| jacobus-lm | 1578/udp | Jacobus License Manager |
| # | | Tony Cleveland <tony.cleveland@jacobus.com> |
| ioc-sea-lm | 1579/tcp | ioc-sea-lm |
| ioc-sea-lm | 1579/udp | ioc-sea-lm |
| # | | Paul Nelson <paul@ioc-sea.com> |
| tn-tl-r1 | 1580/tcp | tn-tl-r1 |
| tn-tl-r2 | 1580/udp | tn-tl-r2 |
| # | | Ed Kress <eskress@thinknet.com> |
| mil-2045-47001 | 1581/tcp | MIL-2045-47001 |
| mil-2045-47001 | 1581/udp | MIL-2045-47001 |
| # | | Eric Whitehill <eawhiteh@itt.com> |
| msims | 1582/tcp | MSIMS |
| msims | 1582/udp | MSIMS |
| # | | Glenn Olander <gjo@msi.com> |
| simbaexpress | 1583/tcp | simbaexpress |
| simbaexpress | 1583/udp | simbaexpress |
| # | | Betsy Alexander +1 604-681-4549 |
| tn-tl-fd2 | 1584/tcp | tn-tl-fd2 |
| tn-tl-fd2 | 1584/udp | tn-tl-fd2 |
| # | | Ed Kress <eskress@thinknet.com> |
| intv | 1585/tcp | intv |
| intv | 1585/udp | intv |
| # | | Dermot Tynand <dtynan@claddagh.ie> |
| ibm-abtact | 1586/tcp | ibm-abtact |
| ibm-abtact | 1586/udp | ibm-abtact |
| # | | Sandeep K. Singhal <singhal@CS.Stanford.EDU> |
| pra_elmd | 1587/tcp | pra_elmd |
| pra_elmd | 1587/udp | pra_elmd |
| # | | Dennis Mastin <dennis@tasmania.platte.com> |
| tritrust-lm | 1588/tcp | tritrust-lm |
| tritrust-lm | 1588/udp | tritrust-lm |
| # | | Nand Kumar <nkumar@tritrust-da.com> |
| vqp | 1589/tcp | VQP |

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| vqp | 1589/udp | VQP |
| # | | Keith McCloghrie <kzm@cisco.com> |
| gemin-lm | 1590/tcp | gemin-lm |
| gemin-lm | 1590/udp | gemin-lm |
| # | | Tony Sawyer <tonys@gemtech.com> |
| ncpm-pm | 1591/tcp | ncpm-pm |
| ncpm-pm | 1591/udp | ncpm-pm |
| # | | Ted Power <tedp@hpincb.cup.hp.com> |
| commonsace | 1592/tcp | commonsace |
| commonsace | 1592/udp | commonsace |
| # | | Rob Chandhok <chandhok@within.com> |
| mainsoft-lm | 1593/tcp | mainsoft-lm |
| mainsoft-lm | 1593/udp | mainsoft-lm |
| # | | Anand Gangadharan <anand@goa.mainsoft.com> |
| sixtrak | 1594/tcp | sixtrak |
| sixtrak | 1594/udp | sixtrak |
| # | | Bob Rennie <rjrennie@wizvax.net> |
| radio | 1595/tcp | radio |
| radio | 1595/udp | radio |
| radio-sm | 1596/tcp | radio-sm |
| radio-bc | 1596/udp | radio-bc |
| # | | Ken Chapman <kchapman@isis.com> |
| orbplus-iiop | 1597/tcp | orbplus-iiop |
| orbplus-iiop | 1597/udp | orbplus-iiop |
| # | | Robert A. Kukura <kukura@apollo.hp.com> |
| picknfs | 1598/tcp | picknfs |
| picknfs | 1598/udp | picknfs |
| # | | John Lombardo <johnl@picksys.com> |
| simbaservices | 1599/tcp | simbaservices |
| simbaservices | 1599/udp | simbaservices |
| # | | Betsy Alexander +1 604-681-4549 |
| issd | 1600/tcp | issd |
| issd | 1600/udp | issd |
| aas | 1601/tcp | aas |
| aas | 1601/udp | aas |
| # | | Bob Beard <bobb@lachman.com> |
| inspect | 1602/tcp | inspect |
| inspect | 1602/udp | inspect |
| # | | Frank O'Neill <frank@morse.ilo.dec.com> |
| picodbc | 1603/tcp | pickodbc |
| picodbc | 1603/udp | pickodbc |
| # | | John Lombardo <johnl@picksys.com> |
| icabrowser | 1604/tcp | icabrowser |
| icabrowser | 1604/udp | icabrowser |
| # | | Brad Pedersen <bradp@citrix.com> |
| slp | 1605/tcp | Salutation Manager (Salutation Protocol) |
| slp | 1605/udp | Salutation Manager (Salutation Protocol) |
| slm-api | 1606/tcp | Salutation Manager (SLM-API) |
| slm-api | 1606/udp | Salutation Manager (SLM-API) |
| # | | Tohru Mori <tmori@VNET.IBM.COM> |
| stt | 1607/tcp | stt |
| stt | 1607/udp | stt |
| # | | Ryan Bolz <ryanbo@microsoft.com> |
| smart-lm | 1608/tcp | Smart Corp. License Manager |
| smart-lm | 1608/udp | Smart Corp. License Manager |
| # | | Connie Qiu <connie@scdb.com> |
| isysg-lm | 1609/tcp | isysg-lm |

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isysg-lm      1609/udp  isysg-lm
#            Adam Curtin <adam.curtin@isysg.com>
taurus-wh    1610/tcp  taurus-wh
taurus-wh    1610/udp  taurus-wh
#            Jeff Moffatt <jeff@taurus.com>
ill          1611/tcp  Inter Library Loan
ill          1611/udp  Inter Library Loan
#            Niall Murphy <niallm@orca.ucd.ie>
netbill-trans 1612/tcp  NetBill Transaction Server
netbill-trans 1612/udp  NetBill Transaction Server
netbill-keyrep 1613/tcp  NetBill Key Repository
netbill-keyrep 1613/udp  NetBill Key Repository
netbill-cred  1614/tcp  NetBill Credential Server
netbill-cred  1614/udp  NetBill Credential Server
netbill-auth  1615/tcp  NetBill Authorization Server
netbill-auth  1615/udp  NetBill Authorization Server
netbill-prod  1616/tcp  NetBill Product Server
netbill-prod  1616/udp  NetBill Product Server
#            Marvin Sirbu <sirbu+@andrew.cmu.edu>
nimrod-agent 1617/tcp  Nimrod Inter-Agent Communication
nimrod-agent 1617/udp  Nimrod Inter-Agent Communication
#            Charles Lynn <clynn@bbn.com>
skytelnet   1618/tcp  skytelnet
skytelnet   1618/udp  skytelnet
#            Byron Jones <byronj@bellsouth.net>
xs-openstorage 1619/tcp  xs-openstorage
xs-openstorage 1619/udp  xs-openstorage
#            XuiS Software Ltd. <100322.2376@compuserve.com>
faxportwinport 1620/tcp  faxportwinport
faxportwinport 1620/udp  faxportwinport
#            Chris Wells <chris_wells@lansource.com>
softdataphone 1621/tcp  softdataphone
softdataphone 1621/udp  softdataphone
#            Dror Gill <drorgi@VNET.IBM.COM>
ontime       1622/tcp  ontime
ontime       1622/udp  ontime
#            Keith Rhodes 810-559-5955
jaleosnd    1623/tcp  jaleosnd
jaleosnd    1623/udp  jaleosnd
#            Christian Schormann <100410.3063@compuserve.com>
udp-sr-port  1624/tcp  udp-sr-port
udp-sr-port  1624/udp  udp-sr-port
#            Herb Jensen <HWJensen@nfsrv.avionics.itt.com>
svs-omagent  1625/tcp  svs-omagent
svs-omagent  1625/udp  svs-omagent
#            Alberto Berlen <aberlen@VNET.IBM.COM>
shockwave   1626/tcp  Shockwave
shockwave   1626/udp  Shockwave
#            Sarah Allen <sallen@macromedia.com>
t128-gateway 1627/tcp  T.128 Gateway
t128-gateway 1627/udp  T.128 Gateway
#            Phil May <pm@datcon.co.uk>
lontalk-norm 1628/tcp  LonTalk normal
lontalk-norm 1628/udp  LonTalk normal
lontalk-urgnt 1629/tcp  LonTalk urgent
lontalk-urgnt 1629/udp  LonTalk urgent
#            Dan Wing <dwing@cisco.com>

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oraclenet8cman 1630/tcp Oracle Net8 Cman
oraclenet8cman 1630/udp Oracle Net8 Cman
# Tong-Ming Lee <tmllee@us.oracle.com>
visitview 1631/tcp Visit view
visitview 1631/udp Visit view
# Tom Whittaker <tomw@ssec.wisc.edu>
pammratc 1632/tcp PAMMRATC
pammratc 1632/udp PAMMRATC
pammrpc 1633/tcp PAMMRPC
pammrpc 1633/udp PAMMRPC
# John Britton <johnb@peakaudio.com>
loaprobe 1634/tcp Log On America Probe
loaprobe 1634/udp Log On America Probe
# James Tavares, Log On America <krontor@loa.com>
edb-server1 1635/tcp EDB Server 1
edb-server1 1635/udp EDB Server 1
# Carlos Portela <cportela@simple-sw.com>
isdc 1636/tcp ISP shared public data control
isdc 1636/udp ISP shared public data control
islc 1637/tcp ISP shared local data control
islc 1637/udp ISP shared local data control
ismc 1638/tcp ISP shared management control
ismc 1638/udp ISP shared management control
# Nick Austin <ogmion@ogmium.com>
cert-initiator 1639/tcp cert-initiator
cert-initiator 1639/udp cert-initiator
cert-responder 1640/tcp cert-responder
cert-responder 1640/udp cert-responder
# Tom Markson <markson@osmosys.incog.com>
invision 1641/tcp InVision
invision 1641/udp InVision
# Christopher Davey <niallocl@quay.ie>
isis-am 1642/tcp isis-am
isis-am 1642/udp isis-am
isis-ambc 1643/tcp isis-ambc
isis-ambc 1643/udp isis-ambc
# Ken Chapman <kchapman@isis.com>
saiseh 1644/tcp Satellite-data Acquisition System 4
# Bill Taylor <sais@ssec.wisc.edu>
sightline 1645/tcp SightLine
sightline 1645/udp SightLine
# admin <iana@sightlinesystems.com>
sa-msg-port 1646/tcp sa-msg-port
sa-msg-port 1646/udp sa-msg-port
# Eric Whitehill <eawhiteh@itt.com>
rsap 1647/tcp rsap
rsap 1647/udp rsap
# Holger Reif
# <Holger.Reif@prakinf.tu-ilmenau.de>
concurrent-lm 1648/tcp concurrent-lm
concurrent-lm 1648/udp concurrent-lm
# Maggie Brinsford <mjb@concurrent.co.uk>
kermit 1649/tcp kermit
kermit 1649/udp kermit
# Frank da Cruz <fdc@watsun.cc.columbia.edu>
nkd 1650/tcp nkdn
nkd 1650/udp nkdn

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|----------------|----------|---|
| shiva_confsvr | 1651/tcp | shiva_confsvr |
| shiva_confsvr | 1651/udp | shiva_confsvr |
| # | | Mike Horowitz <mah@Shiva.COM> |
| xnmp | 1652/tcp | xnmp |
| xnmp | 1652/udp | xnmp |
| # | | Ali Saleh <scomm@cerf.net> |
| alphatech-lm | 1653/tcp | alphatech-lm |
| alphatech-lm | 1653/udp | alphatech-lm |
| # | | Joseph Hauk <joseph.hauk@alphatech.com> |
| stargatealerts | 1654/tcp | stargatealerts |
| stargatealerts | 1654/udp | stargatealerts |
| # | | Tim Coppernoll |
| # | | <Tim_Coppernoll@ccm.jf.intel.com> |
| dec-mbadmin | 1655/tcp | dec-mbadmin |
| dec-mbadmin | 1655/udp | dec-mbadmin |
| dec-mbadmin-h | 1656/tcp | dec-mbadmin-h |
| dec-mbadmin-h | 1656/udp | dec-mbadmin-h |
| # | | Nick Shipman <Nick.Shipman@mrmog.reo.dec.com> |
| fujitsu-mmpdc | 1657/tcp | fujitsu-mmpdc |
| fujitsu-mmpdc | 1657/udp | fujitsu-mmpdc |
| # | | Katsumi Oomuro <NAE01421@niftyserve.or.jp> |
| sixnetudr | 1658/tcp | sixnetudr |
| sixnetudr | 1658/udp | sixnetudr |
| # | | Bob Rennie <rjrennie@wizvax.net> |
| sg-lm | 1659/tcp | Silicon Grail License Manager |
| sg-lm | 1659/udp | Silicon Grail License Manager |
| # | | William R Bishop <wrb@world.std.com> |
| skip-mc-gikreq | 1660/tcp | skip-mc-gikreq |
| skip-mc-gikreq | 1660/udp | skip-mc-gikreq |
| # | | Tom Markson <markson@osmosys.incog.com> |
| netview-aix-1 | 1661/tcp | netview-aix-1 |
| netview-aix-1 | 1661/udp | netview-aix-1 |
| netview-aix-2 | 1662/tcp | netview-aix-2 |
| netview-aix-2 | 1662/udp | netview-aix-2 |
| netview-aix-3 | 1663/tcp | netview-aix-3 |
| netview-aix-3 | 1663/udp | netview-aix-3 |
| netview-aix-4 | 1664/tcp | netview-aix-4 |
| netview-aix-4 | 1664/udp | netview-aix-4 |
| netview-aix-5 | 1665/tcp | netview-aix-5 |
| netview-aix-5 | 1665/udp | netview-aix-5 |
| netview-aix-6 | 1666/tcp | netview-aix-6 |
| netview-aix-6 | 1666/udp | netview-aix-6 |
| netview-aix-7 | 1667/tcp | netview-aix-7 |
| netview-aix-7 | 1667/udp | netview-aix-7 |
| netview-aix-8 | 1668/tcp | netview-aix-8 |
| netview-aix-8 | 1668/udp | netview-aix-8 |
| netview-aix-9 | 1669/tcp | netview-aix-9 |
| netview-aix-9 | 1669/udp | netview-aix-9 |
| netview-aix-10 | 1670/tcp | netview-aix-10 |
| netview-aix-10 | 1670/udp | netview-aix-10 |
| netview-aix-11 | 1671/tcp | netview-aix-11 |
| netview-aix-11 | 1671/udp | netview-aix-11 |
| netview-aix-12 | 1672/tcp | netview-aix-12 |
| netview-aix-12 | 1672/udp | netview-aix-12 |
| # | | Martha Crisson |
| # | | <CRISSON@ralvm12.vnet.ibm.com> |
| proshare-mc-1 | 1673/tcp | Intel Proshare Multicast |

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| proshare-mc-1 | 1673/udp | Intel Proshare Multicast |
| proshare-mc-2 | 1674/tcp | Intel Proshare Multicast |
| proshare-mc-2 | 1674/udp | Intel Proshare Multicast |
| # | | Mark Lewis <Mark_Lewis@ccm.jf.intel.com> |
| pdp | 1675/tcp | Pacific Data Products |
| pdp | 1675/udp | Pacific Data Products |
| # | | Gary Morton <mortong@pacdata.com> |
| netcomm1 | 1676/tcp | netcomm1 |
| netcomm2 | 1676/udp | netcomm2 |
| # | | Bulent Kasman <BKasman@symantec.com> |
| groupwise | 1677/tcp | groupwise |
| groupwise | 1677/udp | groupwise |
| # | | Brent Bradshaw <bbradshaw@novell.com> |
| prolink | 1678/tcp | prolink |
| prolink | 1678/udp | prolink |
| # | | Brian Abramson <brianab@soul.tv.tek.com> |
| darcorp-lm | 1679/tcp | darcorp-lm |
| darcorp-lm | 1679/udp | darcorp-lm |
| # | | <DARcorp@aol.com> |
| microcom-sbp | 1680/tcp | microcom-sbp |
| microcom-sbp | 1680/udp | microcom-sbp |
| # | | Boris B. Maiden <Boris_Maiden@smtp.microcom.com> |
| sd-elmd | 1681/tcp | sd-elmd |
| sd-elmd | 1681/udp | sd-elmd |
| # | | Bryan Otey <bwo@softdesk.com> |
| lanyon-lantern | 1682/tcp | lanyon-lantern |
| lanyon-lantern | 1682/udp | lanyon-lantern |
| # | | Robin Lewis <robin.lewis@lanyon.com> |
| ncpm-hip | 1683/tcp | ncpm-hip |
| ncpm-hip | 1683/udp | ncpm-hip |
| # | | Ken Hearn <hearn@hpindacx.cup.hp.com> |
| snaresecure | 1684/tcp | SnareSecure |
| snaresecure | 1684/udp | SnareSecure |
| # | | Marty Batchelder <marty@capres.com> |
| n2nremote | 1685/tcp | n2nremote |
| n2nremote | 1685/udp | n2nremote |
| # | | Kin Chan <kchan@net2net.com> |
| cvmon | 1686/tcp | cvmon |
| cvmon | 1686/udp | cvmon |
| # | | Carol Ann Krug <carolann@hpmfas3.cup.hp.com> |
| nsjtp-ctrl | 1687/tcp | nsjtp-ctrl |
| nsjtp-ctrl | 1687/udp | nsjtp-ctrl |
| nsjtp-data | 1688/tcp | nsjtp-data |
| nsjtp-data | 1688/udp | nsjtp-data |
| # | | Orazio Granato <og@wsbgrd01.italy.hp.com> |
| firefox | 1689/tcp | firefox |
| firefox | 1689/udp | firefox |
| # | | Mark S. Edwards <marke@firefox.co.uk> |
| ng-umds | 1690/tcp | ng-umds |
| ng-umds | 1690/udp | ng-umds |
| # | | Louis E. Simard <76400.3371@compuserve.com> |
| empire-empuma | 1691/tcp | empire-empuma |
| empire-empuma | 1691/udp | empire-empuma |
| # | | Bobby Krupczak <rdk@empiretech.com> |
| sstsys-lm | 1692/tcp | sstsys-lm |
| sstsys-lm | 1692/udp | sstsys-lm |
| # | | Yih-Wu Wang <sstsys@ix.netcom.com> |

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| rrirtr | 1693/tcp | rrirtr |
| rrirtr | 1693/udp | rrirtr |
| rrimwm | 1694/tcp | rrimwm |
| rrimwm | 1694/udp | rrimwm |
| rrilwm | 1695/tcp | rrilwm |
| rrilwm | 1695/udp | rrilwm |
| rrifmm | 1696/tcp | rrifmm |
| rrifmm | 1696/udp | rrifmm |
| rrisat | 1697/tcp | rrisat |
| rrisat | 1697/udp | rrisat |
| # | | Allen Briggs <briggs@access.rrinc.com> |
| rsvp-encap-1 | 1698/tcp | RSVP-ENCAPSULATION-1 |
| rsvp-encap-1 | 1698/udp | RSVP-ENCAPSULATION-1 |
| rsvp-encap-2 | 1699/tcp | RSVP-ENCAPSULATION-2 |
| rsvp-encap-2 | 1699/udp | RSVP-ENCAPSULATION-2 |
| # | | Bob Braden <braden@isi.edu> |
| mps-raft | 1700/tcp | mps-raft |
| mps-raft | 1700/udp | mps-raft |
| # | | Jason Leupen <Jleupen@aol.com> |
| l2f | 1701/tcp | l2f |
| l2f | 1701/udp | l2f |
| l2tp | 1701/tcp | l2tp |
| l2tp | 1701/udp | l2tp |
| # | | Andy Valencia <vandys@vandys-lap.cisco.com> |
| deskshare | 1702/tcp | deskshare |
| deskshare | 1702/udp | deskshare |
| # | | Sarah Thompson <sarah@telergy.com> |
| hb-engine | 1703/tcp | hb-engine |
| hb-engine | 1703/udp | hb-engine |
| # | | Charles C.L. Chou >cchou@zoom.com> |
| bcs-broker | 1704/tcp | bcs-broker |
| bcs-broker | 1704/udp | bcs-broker |
| # | | Andy Warner <andyw@knoware.nl> |
| slingshot | 1705/tcp | slingshot |
| slingshot | 1705/udp | slingshot |
| # | | Paul Groarke <paulg@quay.ie> |
| jetform | 1706/tcp | jetform |
| jetform | 1706/udp | jetform |
| # | | gdeinsta <gdeinsta@jetform.com> |
| vdmpplay | 1707/tcp | vdmpplay |
| vdmpplay | 1707/udp | vdmpplay |
| # | | David Thielen <support@windward.net> |
| gat-lmd | 1708/tcp | gat-lmd |
| gat-lmd | 1708/udp | gat-lmd |
| # | | Igor Zaoutine <igor@global-tech.com> |
| centra | 1709/tcp | centra |
| centra | 1709/udp | centra |
| # | | Drew Wolff <dwolff@centra.net> |
| impera | 1710/tcp | impera |
| impera | 1710/udp | impera |
| # | | Stephen Campbell <campbell@uniprise.com> |
| pptconference | 1711/tcp | pptconference |
| pptconference | 1711/udp | pptconference |
| # | | John Tafoya <johnt@microsoft.com> |
| registrar | 1712/tcp | resource monitoring service |
| registrar | 1712/udp | resource monitoring service |
| # | | Ron Lawson <ronaldl@hpindacx.cup.hp.com> |

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| conferencetalk | 1713/tcp | ConferenceTalk |
| conferencetalk | 1713/udp | ConferenceTalk |
| # | | George Kajos <gkajos@mail1.videoserver.com> |
| sesi-lm | 1714/tcp | sesi-lm |
| sesi-lm | 1714/udp | sesi-lm |
| houdini-lm | 1715/tcp | houdini-lm |
| houdini-lm | 1715/udp | houdini-lm |
| # | | Paul Breslin <phb@SIDEFX.COM> |
| xmsg | 1716/tcp | xmsg |
| xmsg | 1716/udp | xmsg |
| # | | Mark E. Fogle <mefogle@xantel.com> |
| fj-hdnet | 1717/tcp | fj-hdnet |
| fj-hdnet | 1717/udp | fj-hdnet |
| # | | Manabu Makino <m-makino@ael.fujitsu.co.jp> |
| h323gatedisc | 1718/tcp | h323gatedisc |
| h323gatedisc | 1718/udp | h323gatedisc |
| h323gatestat | 1719/tcp | h323gatestat |
| h323gatestat | 1719/udp | h323gatestat |
| h323hostcall | 1720/tcp | h323hostcall |
| h323hostcall | 1720/udp | h323hostcall |
| # | | Jim Toga <jtoga@ibeam.jf.intel.com> |
| caicci | 1721/tcp | caicci |
| caicci | 1721/udp | caicci |
| # | | Sylvia Scheuren <schsy02@cai.com> |
| hks-lm | 1722/tcp | HKS License Manager |
| hks-lm | 1722/udp | HKS License Manager |
| # | | Michael Wood <wood@althea.hks.com> |
| pptp | 1723/tcp | pptp |
| pptp | 1723/udp | pptp |
| # | | Ken Crocker <kcrocker@microsoft.com> |
| csbphonemaster | 1724/tcp | csbphonemaster |
| csbphonemaster | 1724/udp | csbphonemaster |
| # | | Hans-Peter Heffels <hostmaster@csb-system.com> |
| iden-ralp | 1725/tcp | iden-ralp |
| iden-ralp | 1725/udp | iden-ralp |
| # | | Chris Stanaway <stanaway@comm.mot.com> |
| iberiagames | 1726/tcp | IBERIAGAMES |
| iberiagames | 1726/udp | IBERIAGAMES |
| # | | Jose Luis <73374.313@compuserve.com> |
| winddx | 1727/tcp | winddx |
| winddx | 1727/udp | winddx |
| # | | Bill Andrews <billa@vnd.tek.com> |
| telindus | 1728/tcp | TELINDUS |
| telindus | 1728/udp | TELINDUS |
| # | | Paul Pyck <papy@telindus.be |
| citynl | 1729/tcp | CityNL License Management |
| citynl | 1729/udp | CityNL License Management |
| # | | CityDisc >citydisc@euronet.nl> |
| roketz | 1730/tcp | roketz |
| roketz | 1730/udp | roketz |
| # | | Ahti Heinla <ahti@ahti.bluemoon.ee> |
| msiccp | 1731/tcp | MSICCP |
| msiccp | 1731/udp | MSICCP |
| # | | Max Morris <maxm@MICROSOFT.com> |
| proxim | 1732/tcp | proxim |
| proxim | 1732/udp | proxim |
| # | | Srinivas N. Mogalapalli <srinivas@proxim.com> |

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|----------------|----------|--|
| siipat | 1733/tcp | SIMS - SIIPAT Protocol for Alarm Transmission |
| siipat | 1733/udp | SIMS - SIIPAT Protocol for Alarm Transmission |
| # | | Steve Ryckman <iana@simsware.com> |
| cambertx-lm | 1734/tcp | Camber Corporation License Management |
| cambertx-lm | 1734/udp | Camber Corporation License Management |
| # | | Jeannie Burleson <jeannie@cambertx.com> |
| privatechat | 1735/tcp | PrivateChat |
| privatechat | 1735/udp | PrivateChat |
| # | | Louis E. Simard <76400.3371@CompuServe.COM> |
| street-stream | 1736/tcp | street-stream |
| street-stream | 1736/udp | street-stream |
| # | | Glenn Levitt <streetdl@ix.netcom.com> |
| ultimad | 1737/tcp | ultimad |
| ultimad | 1737/udp | ultimad |
| # | | (Michael Lanzetta <hagbard@ultimatech.com> |
| gamegen1 | 1738/tcp | GameGen1 |
| gamegen1 | 1738/udp | GameGen1 |
| # | | Glen Pearson <GlenP@multigen.com> |
| webaccess | 1739/tcp | webaccess |
| webaccess | 1739/udp | webaccess |
| # | | Christian Saether <ChristianS@asymetrix.com> |
| encore | 1740/tcp | encore |
| encore | 1740/udp | encore |
| # | | Stuart Button <button@promis.com> |
| cisco-net-mgmt | 1741/tcp | cisco-net-mgmt |
| cisco-net-mgmt | 1741/udp | cisco-net-mgmt |
| # | | John McCormack <jmac@cisco.com> |
| 3Com-nsd | 1742/tcp | 3Com-nsd |
| 3Com-nsd | 1742/udp | 3Com-nsd |
| # | | Nitza Steinberg <nitza@isd.3com.com> |
| cinegrfx-lm | 1743/tcp | Cinema Graphics License Manager |
| cinegrfx-lm | 1743/udp | Cinema Graphics License Manager |
| # | | Rodney Iwashina <rodney@cyclone.rfx.com> |
| ncpm-ft | 1744/tcp | ncpm-ft |
| ncpm-ft | 1744/udp | ncpm-ft |
| # | | Ken Hearn <hearn@hpindacx.cup.hp.com> |
| remote-winsock | 1745/tcp | remote-winsock |
| remote-winsock | 1745/udp | remote-winsock |
| # | | Avi Nathan <avin@microsoft.com> |
| ftrapid-1 | 1746/tcp | ftrapid-1 |
| ftrapid-1 | 1746/udp | ftrapid-1 |
| ftrapid-2 | 1747/tcp | ftrapid-2 |
| ftrapid-2 | 1747/udp | ftrapid-2 |
| # | | Richard J. Williams <RJW1@trpo4.tr.unisys.com> |
| oracle-em1 | 1748/tcp | oracle-em1 |
| oracle-em1 | 1748/udp | oracle-em1 |
| # | | Bob Purvy <bpurvy@us.oracle.com> |
| aspen-services | 1749/tcp | aspen-services |
| aspen-services | 1749/udp | aspen-services |
| # | | Mark B. Hurst <mhurst@aspenres.com> |
| sslp | 1750/tcp | Simple Socket Library's PortMaster |
| sslp | 1750/udp | Simple Socket Library's PortMaster |
| # | | Dr. Charles E. Campbell Jr. |
| # | | <cec@gryphon.gsfc.nasa.gov> |
| swiftnet | 1751/tcp | SwiftNet |
| swiftnet | 1751/udp | SwiftNet |
| # | | Terry Lim <tkl@pentek.com> |

| | | |
|--------------|----------|---|
| lofr-lm | 1752/tcp | Leap of Faith Research License Manager |
| lofr-lm | 1752/udp | Leap of Faith Research License Manager |
| # | | |
| # | 1753 | Unassigned (Removed 2004-05-18) |
| oracle-em2 | 1754/tcp | oracle-em2 |
| oracle-em2 | 1754/udp | oracle-em2 |
| # | | Bob Purvy <bpurvy@us.oracle.com> |
| ms-streaming | 1755/tcp | ms-streaming |
| ms-streaming | 1755/udp | ms-streaming |
| # | | Bret O'Rourke <bretor@microsoft.com> |
| capfast-lmd | 1756/tcp | capfast-lmd |
| capfast-lmd | 1756/udp | capfast-lmd |
| # | | Chuck Neal <chuck@phase3.com> |
| cnhrp | 1757/tcp | cnhrp |
| cnhrp | 1757/udp | cnhrp |
| # | | William Stoye <wstoye@atml.co.uk> |
| tftp-mcast | 1758/tcp | tftp-mcast |
| tftp-mcast | 1758/udp | tftp-mcast |
| # | | Tom Emberson <tom@lanworks.com> |
| spss-lm | 1759/tcp | SPSS License Manager |
| spss-lm | 1759/udp | SPSS License Manager |
| # | | Tex Hull <tex@spss.com> |
| www-ldap-gw | 1760/tcp | www-ldap-gw |
| www-ldap-gw | 1760/udp | www-ldap-gw |
| # | | Nick Emery <Nick.Emery@altavista.digital.com> |
| cft-0 | 1761/tcp | cft-0 |
| cft-0 | 1761/udp | cft-0 |
| cft-1 | 1762/tcp | cft-1 |
| cft-1 | 1762/udp | cft-1 |
| cft-2 | 1763/tcp | cft-2 |
| cft-2 | 1763/udp | cft-2 |
| cft-3 | 1764/tcp | cft-3 |
| cft-3 | 1764/udp | cft-3 |
| cft-4 | 1765/tcp | cft-4 |
| cft-4 | 1765/udp | cft-4 |
| cft-5 | 1766/tcp | cft-5 |
| cft-5 | 1766/udp | cft-5 |
| cft-6 | 1767/tcp | cft-6 |
| cft-6 | 1767/udp | cft-6 |
| cft-7 | 1768/tcp | cft-7 |
| cft-7 | 1768/udp | cft-7 |
| # | | Martine Marchand 16 1 46 59 24 84 |
| bmc-net-adm | 1769/tcp | bmc-net-adm |
| bmc-net-adm | 1769/udp | bmc-net-adm |
| # | | Portnoy Boxman <portnoy_boxman@bmc.com> |
| bmc-net-svc | 1770/tcp | bmc-net-svc |
| bmc-net-svc | 1770/udp | bmc-net-svc |
| # | | Portnoy Boxman <portnoy_boxman@bmc.com> |
| vaultbase | 1771/tcp | vaultbase |
| vaultbase | 1771/udp | vaultbase |
| # | | Jose A. Sestin <sesin@vaultbase.com> |
| essweb-gw | 1772/tcp | EssWeb Gateway |
| essweb-gw | 1772/udp | EssWeb Gateway |
| # | | Bob Nattenberg <bnattenberg@arborsoft.com> |
| kmscontrol | 1773/tcp | KMSControl |
| kmscontrol | 1773/udp | KMSControl |
| # | | Roy Chastain <roy@kmsys.com> |

| | | |
|-----------------|----------|--|
| global-dtserv | 1774/tcp | global-dtserv |
| global-dtserv | 1774/udp | global-dtserv |
| # | | Nicholas Davies <N.Davies@globalcomm.co.uk> |
| # | 1775/tcp | |
| femis | 1776/tcp | Federal Emergency Management Information System |
| femis | 1776/udp | Federal Emergency Management Information System |
| # | | Larry Gerhardstein <lh_gerhardstein@pnl.gov> |
| powerguardian | 1777/tcp | powerguardian |
| powerguardian | 1777/udp | powerguardian |
| # | | Charles Bennett <chuck@benatong.com> |
| prodigy-intrnet | 1778/tcp | prodigy-internet |
| prodigy-intrnet | 1778/udp | prodigy-internet |
| # | | Bob Dedrick <bob@staff.prodigy.com> |
| pharmasoft | 1779/tcp | pharmasoft |
| pharmasoft | 1779/udp | pharmasoft |
| # | | Ola Strandberg <Ola.Strandberg@pharmasoft.se> |
| dpkeyserv | 1780/tcp | dpkeyserv |
| dpkeyserv | 1780/udp | dpkeyserv |
| # | | Yasunari Gon Yamasita <yamasita@omronsoft.co.jp> |
| answersoft-lm | 1781/tcp | answersoft-lm |
| answersoft-lm | 1781/udp | answersoft-lm |
| # | | James A. Brewster <jimbrew@answersoft.com> |
| hp-hcip | 1782/tcp | hp-hcip |
| hp-hcip | 1782/udp | hp-hcip |
| # | | Allen Baker <abaker@boi.hp.com> |
| # | 1783 | Decomissioned Port 04/14/00, ms |
| # | | <naonao@kikaku.mmp.fujitsu.co.jp> |
| finle-lm | 1784/tcp | Finle License Manager |
| finle-lm | 1784/udp | Finle License Manager |
| # | | Dongling Wang <dongling@finle.com> |
| windlm | 1785/tcp | Wind River Systems License Manager |
| windlm | 1785/udp | Wind River Systems License Manager |
| # | | Will Dere <will@wrs.com> |
| funk-logger | 1786/tcp | funk-logger |
| funk-logger | 1786/udp | funk-logger |
| funk-license | 1787/tcp | funk-license |
| funk-license | 1787/udp | funk-license |
| # | | Cimarron Boozer <cboozer@funk.com> |
| # | | Eric Wilde <eric@funk.com> |
| psmond | 1788/tcp | psmond |
| psmond | 1788/udp | psmond |
| # | | Will Golson <golson@fc.hp.com> |
| hello | 1789/tcp | hello |
| hello | 1789/udp | hello |
| # | | D. J. Bernstein <djb@koobera.math.uic.edu> |
| nmsp | 1790/tcp | Narrative Media Streaming Protocol |
| nmsp | 1790/udp | Narrative Media Streaming Protocol |
| # | | Paul Santinelli, Jr. <psantinelli@narrative.com> |
| ea1 | 1791/tcp | EA1 |
| ea1 | 1791/udp | EA1 |
| # | | Kirk MacLean <kmaclean@ea.com> |
| ibm-dt-2 | 1792/tcp | ibm-dt-2 |
| ibm-dt-2 | 1792/udp | ibm-dt-2 |
| # | | Sam Borman <sam_borman@uk.ibm.com> |
| rsc-robot | 1793/tcp | rsc-robot |
| rsc-robot | 1793/udp | rsc-robot |
| # | | Andrew Jay Schneider <ajs@relsoft.com> |

| | | |
|----------------|----------|--|
| cera-bcm | 1794/tcp | cera-bcm |
| cera-bcm | 1794/udp | cera-bcm |
| # | | Leo Moesgaard <leo_moesgaard@dk.ibm.com> |
| dpi-proxy | 1795/tcp | dpi-proxy |
| dpi-proxy | 1795/udp | dpi-proxy |
| # | | Charles Gordon <cgordon@digprod.com> |
| vocaltec-admin | 1796/tcp | Vocaltec Server Administration |
| vocaltec-admin | 1796/udp | Vocaltec Server Administration |
| # | | Scott Petrack <Scott_Petrack@vocaltec.com> |
| uma | 1797/tcp | UMA |
| uma | 1797/udp | UMA |
| # | | Martin Kirk <m.kirk@opengroup.org> |
| etp | 1798/tcp | Event Transfer Protocol |
| etp | 1798/udp | Event Transfer Protocol |
| # | | Mike Wray <mjw@hplb.hpl.hp.com> |
| netrisk | 1799/tcp | NETRISK |
| netrisk | 1799/udp | NETRISK |
| # | | Kevin Green <Kevin_Green@tds.com> |
| ansys-lm | 1800/tcp | ANSYS-License manager |
| ansys-lm | 1800/udp | ANSYS-License manager |
| # | | Suzanne Lorrin <sml@ansyspo.ansys.com> |
| msmq | 1801/tcp | Microsoft Message Que |
| msmq | 1801/udp | Microsoft Message Que |
| # | | Amnon Horowitz <amnonh@MICROSOFT.com> |
| concomp1 | 1802/tcp | ConComp1 |
| concomp1 | 1802/udp | ConComp1 |
| # | | Ed Vincent <@edv@concomp.com> |
| hp-hcip-gwy | 1803/tcp | HP-HCIP-GWY |
| hp-hcip-gwy | 1803/udp | HP-HCIP-GWY |
| # | | Allen Baker <abaker@boi.hp.com> |
| enl | 1804/tcp | ENL |
| enl | 1804/udp | ENL |
| # | | Brian Olson <briolson@pacbell.net> |
| enl-name | 1805/tcp | ENL-Name |
| enl-name | 1805/udp | ENL-Name |
| # | | Brian Olson <briolson@pacbell.net> |
| musiconline | 1806/tcp | Musiconline |
| musiconline | 1806/udp | Musiconline |
| # | | Craig Weeks <cweeks@syspace.co.uk> |
| fhsp | 1807/tcp | Fujitsu Hot Standby Protocol |
| fhsp | 1807/udp | Fujitsu Hot Standby Protocol |
| # | | Eiki Iwata (eiki@nd.net.fujitsu.co.jp) |
| oracle-vp2 | 1808/tcp | Oracle-VP2 |
| oracle-vp2 | 1808/udp | Oracle-VP2 |
| # | | Craig Fowler <cfowler@us.oracle.com> |
| oracle-vp1 | 1809/tcp | Oracle-VP1 |
| oracle-vp1 | 1809/udp | Oracle-VP1 |
| # | | Craig Fowler <cfowler@us.oracle.com> |
| jerand-lm | 1810/tcp | Jerand License Manager |
| jerand-lm | 1810/udp | Jerand License Manager |
| # | | Robert Monat <jerand@jerand.com> |
| scientia-sdb | 1811/tcp | Scientia-SDB |
| scientia-sdb | 1811/udp | Scientia-SDB |
| # | | SYSTEMS MANAGER <systems-manager@scientia.com> |
| radius | 1812/tcp | RADIUS |
| radius | 1812/udp | RADIUS |
| # | | Carl Rigney <cdr@livingston.com> |

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radius-acct      1813/tcp      RADIUS Accounting
radius-acct      1813/udp      RADIUS Accounting
#               Carl Rigney <cdr@livingston.com>
tdp-suite        1814/tcp      TDP Suite
tdp-suite        1814/udp      TDP Suite
#               Rob Lockhart <rob.lockhart@mot.com>
mmpft           1815/tcp      MMPFT
mmpft           1815/udp      MMPFT
#               Ralf Muckenhirn <FAX: 49-7622-398200>
#               <Phone: 49-7622-3980>
harp            1816/tcp      HARP
harp            1816/udp      HARP
#               Bjorn Chambless <bjorn@cs.pdx.edu>
rkb-oscs        1817/tcp      RKB-OSCS
rkb-oscs        1817/udp      RKB-OSCS
#               Robert Kevin Breton <BOBBRETON@HOTMAIL.COM>
etftp           1818/tcp      Enhanced Trivial File Transfer Protocol
etftp           1818/udp      Enhanced Trivial File Transfer Protocol
#               William Polites <wpolites@mitre.org>
plato-lm        1819/tcp      Plato License Manager
plato-lm        1819/udp      Plato License Manager
#               Mark Morris <mim@ermuk.com>
mcagent         1820/tcp      mcagent
mcagent         1820/udp      mcagent
#               Ryoichi Shinohara <shinohara@VNET.IBM.COM>
donnyworld      1821/tcp      donnyworld
donnyworld      1821/udp      donnyworld
#               Don Oliver <don@donnyworld.com>
es-elmd         1822/tcp      es-elmd
es-elmd         1822/udp      es-elmd
#               David Duncan <dduncan@es.com>
unisys-lm       1823/tcp      Unisys Natural Language License Manager
unisys-lm       1823/udp      Unisys Natural Language License Manager
#               Raymond A. Diedrichs <rayd@slu.tr.unisys.com>
metrics-pas     1824/tcp      metrics-pas
metrics-pas     1824/udp      metrics-pas
#               Tom Haapanen <tomh@metrics.com>
direcpc-video   1825/tcp      DirecPC Video
direcpc-video   1825/udp      DirecPC Video
#               Chris Kerrigan <ckerrigan@hns.com>
ardt            1826/tcp      ARDT
ardt            1826/udp      ARDT
#               Mike Goddard <mike.goddard@ardent.com.au>
asi            1827/tcp      ASI
asi            1827/udp      ASI
#               Bob Tournoux <bob.tournoux@usiny.mail.abb.com>
itm-mcell-u     1828/tcp      itm-mcell-u
itm-mcell-u     1828/udp      itm-mcell-u
#               Portnoy Boxman <portnoy_boxman@bmc.com>
optika-emedias 1829/tcp      Optika eMedia
optika-emedias 1829/udp      Optika eMedia
#               Daryle DeBalski <ddebalski@optika.com>
net8-cman       1830/tcp      Oracle Net8 CMan Admin
net8-cman       1830/udp      Oracle Net8 CMan Admin
#               Shuvayu Kanjilal
myrtle          1831/tcp      Myrtle
myrtle          1831/udp      Myrtle

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# Ron Achin <RAchin@genscan.com>
tht-treasure 1832/tcp ThoughtTreasure
tht-treasure 1832/udp ThoughtTreasure
# Erik Mueller <erik@signiform.com>
udpradio 1833/tcp udpradio
udpradio 1833/udp udpradio
# Guus Sliepen <guus@warande3094.warande.uu.nl>
ardusuni 1834/tcp ARDUS Unicast
ardusuni 1834/udp ARDUS Unicast
ardusmul 1835/tcp ARDUS Multicast
ardusmul 1835/udp ARDUS Multicast
# Toshikatsu Ito <ito-t@pfu.co.jp>
ste-smisc 1836/tcp ste-smisc
ste-smisc 1836/udp ste-smisc
# Tom Snauwaert <tom.snauwaert@st-electronics.be>
csoft1 1837/tcp csoft1
csoft1 1837/udp csoft1
# John Coll <john@csoft.co.uk>
talnet 1838/tcp TALNET
talnet 1838/udp TALNET
# Aaron Lav <aaron@taltrade.com>
netopia-vo1 1839/tcp netopia-vo1
netopia-vo1 1839/udp netopia-vo1
netopia-vo2 1840/tcp netopia-vo2
netopia-vo2 1840/udp netopia-vo2
netopia-vo3 1841/tcp netopia-vo3
netopia-vo3 1841/udp netopia-vo3
netopia-vo4 1842/tcp netopia-vo4
netopia-vo4 1842/udp netopia-vo4
netopia-vo5 1843/tcp netopia-vo5
netopia-vo5 1843/udp netopia-vo5
# Marc Epard <marc@netopia.com>
direcpc-dll 1844/tcp DirecPC-DLL
direcpc-dll 1844/udp DirecPC-DLL
# Chris Kerrigan <ckerrigan@hns.com>
altalink 1845/tcp altalink
altalink 1845/udp altalink
# Alberto Raydan <alberto@altasol.com>
tunstall-pnc 1846/tcp Tunstall PNC
tunstall-pnc 1846/udp Tunstall PNC
# Robert M. Moore <r_moore@tunstall.co.uk>
slp-notify 1847/tcp SLP Notification
slp-notify 1847/udp SLP Notification
# James Kempf <james.kempf@sun.com>
fjdocdist 1848/tcp fjdocdist
fjdocdist 1848/udp fjdocdist
# Yuichi Ohiwa <y-ohiwa@ael.fujitsu.co.jp>
alpha-sms 1849/tcp ALPHA-SMS
alpha-sms 1849/udp ALPHA-SMS
# Benjamin Grimm <bg@webnetix.de>
gsi 1850/tcp GSI
gsi 1850/udp GSI
# William Mullaney <mullanwi@usa.net>
ctcd 1851/tcp ctcd
ctcd 1851/udp ctcd
# John Ryan <john@cybertrace.com>
virtual-time 1852/tcp Virtual Time

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| | | |
|----------------|----------|---|
| virtual-time | 1852/udp | Virtual Time |
| # | | Angie S. Morner <webmaster@dsbcpas.com> |
| vids-avtp | 1853/tcp | VIDS-AVTP |
| vids-avtp | 1853/udp | VIDS-AVTP |
| # | | Sascha Kuemmel <kuemmel@vidsoft.de> |
| buddy-draw | 1854/tcp | Buddy Draw |
| buddy-draw | 1854/udp | Buddy Draw |
| # | | Marvin Shin <president@medialingo.com> |
| fiorano-rtrsvc | 1855/tcp | Fiorano RtrSvc |
| fiorano-rtrsvc | 1855/udp | Fiorano RtrSvc |
| fiorano-msgsvc | 1856/tcp | Fiorano MsgSvc |
| fiorano-msgsvc | 1856/udp | Fiorano MsgSvc |
| # | | Albert Holt <alberth@fiorano.com> |
| datacaptor | 1857/tcp | DataCaptor |
| datacaptor | 1857/udp | DataCaptor |
| # | | Steven M. Forrester <StevenF@CapsuleTech.com> |
| privateark | 1858/tcp | PrivateArk |
| privateark | 1858/udp | PrivateArk |
| # | | Ronen Zoran <ronenz@cyber-ark.com> |
| gammafetchsvr | 1859/tcp | Gamma Fetcher Server |
| gammafetchsvr | 1859/udp | Gamma Fetcher Server |
| # | | Cnaan Aviv <cnaan@gammasite.com> |
| sunscalar-svc | 1860/tcp | SunSCALAR Services |
| sunscalar-svc | 1860/udp | SunSCALAR Services |
| # | | Sanjay Radia <srradia@kasumbi.Eng.Sun.COM> |
| lecroy-vicp | 1861/tcp | LeCroy VICP |
| lecroy-vicp | 1861/udp | LeCroy VICP |
| # | | Anthony Cake <anthonyrc@lecroy.com> |
| techra-server | 1862/tcp | techra-server |
| techra-server | 1862/udp | techra-server |
| # | | Roy Lyseng <roy.lyseng@maxware.no> |
| msnp | 1863/tcp | MSNP |
| msnp | 1863/udp | MSNP |
| # | | William Lai <wlai@microsoft.com> |
| paradym-31port | 1864/tcp | Paradym 31 Port |
| paradym-31port | 1864/udp | Paradym 31 Port |
| # | | David Wooden <dwooden@wizdom.com> |
| entp | 1865/tcp | ENTP |
| entp | 1865/udp | ENTP |
| # | | Seiko Epson <Ishida.Hitoshi@exc.epson.co.jp> |
| swrmi | 1866/tcp | swrmi |
| swrmi | 1866/udp | swrmi |
| # | | Jun Yoshii <yoshii@ael.fujitsu.co.jp> |
| udrive | 1867/tcp | UDRIVE |
| udrive | 1867/udp | UDRIVE |
| # | | Robby Walker <webmaster@cd-lab.com> |
| vizablebrowser | 1868/tcp | VizableBrowser |
| vizablebrowser | 1868/udp | VizableBrowser |
| # | | Jimmy Talbot <jtalbot@vizable.com> |
| transact | 1869/tcp | TransAct |
| transact | 1869/udp | TransAct |
| # | | TransAct Futures Development Team <1869info@transactfutures.com> |
| sunscalar-dns | 1870/tcp | SunSCALAR DNS Service |
| sunscalar-dns | 1870/udp | SunSCALAR DNS Service |
| # | | Sanjay Radia <srradia@kasumbi.Eng.Sun.COM> |
| canocentral0 | 1871/tcp | Cano Central 0 |

| | | |
|----------------|----------|---|
| canocentral0 | 1871/udp | Cano Central 0 |
| canocentrall | 1872/tcp | Cano Central 1 |
| canocentrall | 1872/udp | Cano Central 1 |
| # | | Mark McNamara <markm@research.canon.com.au> |
| fjmpjps | 1873/tcp | Fjmpjps |
| fjmpjps | 1873/udp | Fjmpjps |
| fjswapsnp | 1874/tcp | Fjswapsnp |
| fjswapsnp | 1874/udp | Fjswapsnp |
| # | | Y. Ohiwa <y-ohiwa@ael.fujitsu.co.jp> |
| westell-stats | 1875/tcp | westell stats |
| westell-stats | 1875/udp | westell stats |
| # | | Thomas McCabe <tmcca@westell.com> |
| ewcappsrv | 1876/tcp | ewcappsrv |
| ewcappsrv | 1876/udp | ewcappsrv |
| # | | Howard Yin <howard.yin@ericsson.com> |
| hp-webqosdb | 1877/tcp | hp-webqosdb |
| hp-webqosdb | 1877/udp | hp-webqosdb |
| # | | Kim Scott <kims@cup.hp.com> |
| drmsmc | 1878/tcp | drmsmc |
| drmsmc | 1878/udp | drmsmc |
| # | | Katsuhiko Abe <kabe@hst.fujitsu.co.jp> |
| nettgain-nms | 1879/tcp | NettGain NMS |
| nettgain-nms | 1879/udp | NettGain NMS |
| # | | Dr. Yair Shapira <yair@flashnetworks.com> |
| vsat-control | 1880/tcp | Gilat VSAT Control |
| vsat-control | 1880/udp | Gilat VSAT Control |
| # | | Yariv Kaplan <yarivk@gilat.com> |
| ibm-mqseries2 | 1881/tcp | IBM WebSphere MQ Everyplace |
| ibm-mqseries2 | 1881/udp | IBM WebSphere MQ Everyplace |
| # | | Jane Porter <janeporter@uk.ibm.com> |
| ecsqdmn | 1882/tcp | CA eTrust Common Services |
| ecsqdmn | 1882/udp | CA eTrust Common Services |
| # | | Paul Wissmiller <Paul.Wissmiller@ca.com> |
| ibm-mqisdsp | 1883/tcp | IBM MQSeries SCADA |
| ibm-mqisdsp | 1883/udp | IBM MQSeries SCADA |
| # | | Andy Stanford-Clark <andysc@uk.ibm.com> |
| idmaps | 1884/tcp | Internet Distance Map Svc |
| idmaps | 1884/udp | Internet Distance Map Svc |
| # | | Sugih Jamim <jamin@eecs.umich.edu> |
| vrtstrapserver | 1885/tcp | Veritas Trap Server |
| vrtstrapserver | 1885/udp | Veritas Trap Server |
| # | | Russell Thrasher <rthrashe@veritas.com> |
| leoip | 1886/tcp | Leonardo over IP |
| leoip | 1886/udp | Leonardo over IP |
| # | | Dietmar Finkler <d.finkler@hermstedt.de> |
| filex-lport | 1887/tcp | FileX Listening Port |
| filex-lport | 1887/udp | FileX Listening Port |
| # | | Megan Woods <meganwoods@datafast.net.au> |
| ncconfig | 1888/tcp | NC Config Port |
| ncconfig | 1888/udp | NC Config Port |
| # | | Simon Parker <simon.j.parker@philips.com> |
| unify-adapter | 1889/tcp | Unify Web Adapter Service |
| unify-adapter | 1889/udp | Unify Web Adapter Service |
| # | | Duane Gibson <ianaportmaster@unify.com> |
| wilkenlistener | 1890/tcp | wilkenListener |
| wilkenlistener | 1890/udp | wilkenListener |
| # | | Wilken GmbH <fy@wilken.de> |

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childkey-notif 1891/tcp ChildKey Notification
childkey-notif 1891/udp ChildKey Notification
childkey-ctrl 1892/tcp ChildKey Control
childkey-ctrl 1892/udp ChildKey Control
# Ivan Berardinelli <ivan@gestweb.com>
elad 1893/tcp ELAD Protocol
elad 1893/udp ELAD Protocol
# Franco Milan <franco@eladit.com>
o2server-port 1894/tcp O2Server Port
o2server-port 1894/udp O2Server Port
# Tim Howard <timothygh@hotmail.com>
##### Microsoft (unofficially) using 1895 #####
b-novative-ls 1896/tcp b-novative license server
b-novative-ls 1896/udp b-novative license server
# Matthias Riese <Matthias.Riese@b-novative.de>
metaagent 1897/tcp MetaAgent
metaagent 1897/udp MetaAgent
# Marie-France Dubreuil <Marie-
France.Dubreuil@evidian.com>
cymtec-port 1898/tcp Cymtec secure management
cymtec-port 1898/udp Cymtec secure management
# Michael Mester <mmester@cymtec.com>
mc2studios 1899/tcp MC2Studios
mc2studios 1899/udp MC2Studios
# Michael Coon <michael@thecube.com>
ssdp 1900/tcp SSDP
ssdp 1900/udp SSDP
# Yaron Goland <yarong@microsoft.com>
fjicl-tep-a 1901/tcp Fujitsu ICL Terminal Emulator Program A
fjicl-tep-a 1901/udp Fujitsu ICL Terminal Emulator Program A
# Bob Lyon <bl@oasis.icl.co.uk>
fjicl-tep-b 1902/tcp Fujitsu ICL Terminal Emulator Program B
fjicl-tep-b 1902/udp Fujitsu ICL Terminal Emulator Program B
# Bob Lyon <bl@oasis.icl.co.uk>
linkname 1903/tcp Local Link Name Resolution
linkname 1903/udp Local Link Name Resolution
# Dan Harrington <dth@lucent.com>
fjicl-tep-c 1904/tcp Fujitsu ICL Terminal Emulator Program C
fjicl-tep-c 1904/udp Fujitsu ICL Terminal Emulator Program C
# Bob Lyon <bl@oasis.icl.co.uk>
sugp 1905/tcp Secure UP.Link Gateway Protocol
sugp 1905/udp Secure UP.Link Gateway Protocol
# Peter King <king@uplanet.com>
tpmd 1906/tcp TPortMapperReq
tpmd 1906/udp TPortMapperReq
# Sheila Devins <sheila_devins@VNET.IBM.COM>
intrastar 1907/tcp IntraSTAR
intrastar 1907/udp IntraSTAR
# Peter Schoenberger <ps@teles.de>
dawn 1908/tcp Dawn
dawn 1908/udp Dawn
# Michael Crawford <michaelc@travsoft.com>
global-wlink 1909/tcp Global World Link
global-wlink 1909/udp Global World Link
# Nicholas Davies <N.Davies@globalcomm.co.uk>
ultrabac 1910/tcp UltraBac Software communications port
ultrabac 1910/udp UltraBac Software communications port

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# Paul Bunn <iana@ultrabac.com>
mtp 1911/tcp Starlight Networks Multimedia Transport Protocol
mtp 1911/udp Starlight Networks Multimedia Transport Protocol
# Bruce Lieberman <brucel@iserver.starlight.com>
rhp-iibp 1912/tcp rhp-iibp
rhp-iibp 1912/udp rhp-iibp
# George Nachman
# Tom Lake <tlake@m-ware.com>
armadp 1913/tcp armadp
armadp 1913/udp armadp
# Kevin Welton <Kevin.Welton@armltd.co.uk>
elm-momentum 1914/tcp Elm-Momentum
elm-momentum 1914/udp Elm-Momentum
# Willie Wu <willie@mds.com>
facelink 1915/tcp FACELINK
facelink 1915/udp FACELINK
# J.H. Hermans <j.h.hermans@hiscom.nl>
persona 1916/tcp Persoft Persona
persona 1916/udp Persoft Persona
# Tom Spidell <spidell@persoft.com>
noagent 1917/tcp nOAgent
noagent 1917/udp nOAgent
# Martin Bestmann <martin@datawatch.de>
can-nds 1918/tcp IBM Tivole Directory Service - NDS
can-nds 1918/udp IBM Tivole Directory Service - NDS
can-dch 1919/tcp IBM Tivoli Directory Service - DCH
can-dch 1919/udp IBM Tivoli Directory Service - DCH
can-ferret 1920/tcp IBM Tivoli Directory Service - FERRET
can-ferret 1920/udp IBM Tivoli Directory Service - FERRET
# nic catrambone <ncatramb@us.ibm.com>
noadmin 1921/tcp NoAdmin
noadmin 1921/udp NoAdmin
# Martin Bestmann <martin@datawatch.de>
tapestry 1922/tcp Tapestry
tapestry 1922/udp Tapestry
# Ken Oliver <koliver02@yahoo.com>
spice 1923/tcp SPICE
spice 1923/udp SPICE
# Nicholas Chua <nick@sendit.se>
xiip 1924/tcp XIIP
xiip 1924/udp XIIP
# Alain Robert <Alain.Robert@HMRinc.com>
discovery-port 1925/tcp Surrogate Discovery Port
discovery-port 1925/udp Surrogate Discovery Port
# Keith Thompson <keith.thompson@sun.com>
egs 1926/tcp Evolution Game Server
egs 1926/udp Evolution Game Server
# Simon Butcher <simonb@alien.net.au>
videte-cipc 1927/tcp Videte CIPC Port
videte-cipc 1927/udp Videte CIPC Port
# Videte IT <info@videte.com>
emsd-port 1928/tcp Expnd Maui Srvr Dscovr
emsd-port 1928/udp Expnd Maui Srvr Dscovr
# Edo Yahav <standards@expand.com>
bandwiz-system 1929/tcp Bandwiz System - Server
bandwiz-system 1929/udp Bandwiz System - Server
# Joseph Weihs <yossi@bandwiz.com>

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driveappserver 1930/tcp Drive AppServer
driveappserver 1930/udp Drive AppServer
# Andrew Johnson
# <andrew.johnson@bliss-support.demon.co.uk>
amsched 1931/tcp AMD SCHED
amsched 1931/udp AMD SCHED
# Michael Walsh <mww@warwick.net>
ctt-broker 1932/tcp CTT Broker
ctt-broker 1932/udp CTT Broker
# Jens Edlund <edlund@speech.kth.se>
xmapl 1933/tcp IBM LM MT Agent
xmapl 1933/udp IBM LM MT Agent
xaapl 1934/tcp IBM LM Appl Agent
xaapl 1934/udp IBM LM Appl Agent
# Helga Wolin <hwolin@us.ibm.com>
macromedia-fcs 1935/tcp Macromedia Flash Communications Server MX
macromedia-fcs 1935/udp Macromedia Flash Communications server MX
# Pritham Shetty <pritham@macromedia.com>
jetcmeserver 1936/tcp JetCmeServer Server Port
jetcmeserver 1936/udp JetCmeServer Server Port
jwserver 1937/tcp JetVWay Server Port
jwserver 1937/udp JetVWay Server Port
jwclient 1938/tcp JetVWay Client Port
jwclient 1938/udp JetVWay Client Port
jvserver 1939/tcp JetVision Server Port
jvserver 1939/udp JetVision Server Port
jvclient 1940/tcp JetVision Client Port
jvclient 1940/udp JetVision Client Port
# Stephen Tsun <stsun@jetstream.com>
dic-aida 1941/tcp DIC-Aida
dic-aida 1941/udp DIC-Aida
# Frans S.C. Witte <fscwitte@dicgroep.nl>
res 1942/tcp Real Enterprise Service
res 1942/udp Real Enterprise Service
# Bob Janssen <bob@res.nl>
beeyond-media 1943/tcp Beeyond Media
beeyond-media 1943/udp Beeyond Media
# Bob Deblie <bob@virtualunlimited.com>
close-combat 1944/tcp close-combat
close-combat 1944/udp close-combat
# David Hua <davhua@microsoft.com>
dialogic-elmd 1945/tcp dialogic-elmd
dialogic-elmd 1945/udp dialogic-elmd
# Roger Kay <r.kay@nz.dialogic.com>
tekpls 1946/tcp tekpls
tekpls 1946/udp tekpls
# Brian Abramson <brianab@vnd.tek.com>
hlserver 1947/tcp hlserver
hlserver 1947/udp hlserver
# Michael Zzunke <mzunke@fast-ag.de>
eye2eye 1948/tcp eye2eye
eye2eye 1948/udp eye2eye
# Trevor Bell <Trevor@iguana.iosoftware.com>
ismaeasdaqlive 1949/tcp ISMA Easdaq Live
ismaeasdaqlive 1949/udp ISMA Easdaq Live
ismaeasdaqtest 1950/tcp ISMA Easdaq Test
ismaeasdaqtest 1950/udp ISMA Easdaq Test

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#                               Stephen Dunne <sdun@isma.co.uk>
bcs-lmserver    1951/tcp    bcs-lmserver
bcs-lmserver    1951/udp    bcs-lmserver
#                               Andy Warner <andyw@knoware.nl>
mpnjsc         1952/tcp    mpnjsc
mpnjsc         1952/udp    mpnjsc
#                               Takenori Miyahara <miyahara@pfu.co.jp>
rapidbase      1953/tcp    Rapid Base
rapidbase      1953/udp    Rapid Base
#                               Antoni Wolski <antoni.wolski@vtt.fi>
abr-api        1954/tcp    ABR-API (diskbridge)
abr-api        1954/udp    ABR-API (diskbridge)
abr-secure     1955/tcp    ABR-Secure Data (diskbridge)
abr-secure     1955/udp    ABR-Secure Data (diskbridge)
#                               Graham Wooden <graham@g-rock.net>
vrtl-vmf-ds    1956/tcp    Vertel VMF DS
vrtl-vmf-ds    1956/udp    Vertel VMF DS
#                               Alan Akahoshi <alan-akahoshi@vertel.com>
unix-status    1957/tcp    unix-status
unix-status    1957/udp    unix-status
#                               Thomas Erskine <erskine@sourceworks.com>
dxadmin       1958/tcp    CA Administration Daemon
dxadmin       1958/udp    CA Administration Daemon
#                               John Birrell <birjo99@cai.com>
simp-all      1959/tcp    SIMP Channel
simp-all      1959/udp    SIMP Channel
#                               Tim Hunnewell <thunnewell@pinna.com>
nasmanager    1960/tcp    Merit DAC NASmanager
nasmanager    1960/udp    Merit DAC NASmanager
#                               Richard S. Conto <rsc@merit.edu>
bts-appserver 1961/tcp    BTS APPSERVER
bts-appserver 1961/udp    BTS APPSERVER
#                               Carl Obsorn <carl_osborn@sabre.com>
biap-mp       1962/tcp    BIAP-MP
biap-mp       1962/udp    BIAP-MP
#                               Louis Slothouber <lpslot@biap.com>
webmachine    1963/tcp    WebMachine
webmachine    1963/udp    WebMachine
#                               Tim Jowers <Tim.Jowers@ColumbiaSC.NCR.com>
solid-e-engine 1964/tcp    SOLID E ENGINE
solid-e-engine 1964/udp    SOLID E ENGINE
#                               Ari Valtanen <ari.valtanen@solidtech.com>
tivoli-npm    1965/tcp    Tivoli NPM
tivoli-npm    1965/udp    Tivoli NPM
#                               Ivana Cuozzo <Ivana.Cuozzo@tivoli.com>
slush         1966/tcp    Slush
slush         1966/udp    Slush
#                               Damien Miller <damien@ibs.com.au>
sns-quote     1967/tcp    SNS Quote
sns-quote     1967/udp    SNS Quote
#                               Robert Ellman <rellman@calicotech.com>
lipsinc       1968/tcp    LIPSinc
lipsinc       1968/udp    LIPSinc
lipsincl      1969/tcp    LIPSinc 1
lipsincl      1969/udp    LIPSinc 1
#                               Robert Armington <rarmington@lipsinc.com>
netop-rc      1970/tcp    NetOp Remote Control

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netop-rc          1970/udp    NetOp Remote Control
netop-school     1971/tcp    NetOp School
netop-school     1971/udp    NetOp School
#               NetOp Technical Support <support@danware.dk>
intersys-cache   1972/tcp    Cache
intersys-cache   1972/udp    Cache
#               Mark Hanson <markh@intersys.com>
dlsrap          1973/tcp    Data Link Switching Remote Access Protocol
dlsrap          1973/udp    Data Link Switching Remote Access Protocol
#               Steve T. Chiang <schiang@cisco.com>
drp             1974/tcp    DRP
drp             1974/udp    DRP
#               Richard Alan Johnson <raj@cisco.com>
tcoflashagent   1975/tcp    TCO Flash Agent
tcoflashagent   1975/udp    TCO Flash Agent
tcoregagent     1976/tcp    TCO Reg Agent
tcoregagent     1976/udp    TCO Reg Agent
tcoaddressbook  1977/tcp    TCO Address Book
tcoaddressbook  1977/udp    TCO Address Book
#               Allan Panitch <allanp@tcosoft.com>
unisql          1978/tcp    UniSQL
unisql          1978/udp    UniSQL
unisql-java     1979/tcp    UniSQL Java
unisql-java     1979/udp    UniSQL Java
#               Keith Yarbrough <kyarbro@windtraveller.com>
pearldoc-xact   1980/tcp    PearlDoc XACT
pearldoc-xact   1980/udp    PearlDoc XACT
#               Chris Vertonghen <chrisv@pearldoc.com>
p2pq           1981/tcp    p2pQ
p2pq           1981/udp    p2pQ
#               Warren Alexander <warren@chameleon-creative.co.uk>
estamp         1982/tcp    Evidentiary Timestamp
estamp         1982/udp    Evidentiary Timestamp
#               Todd Glassey <todd.glassey@att.net>
lhttp          1983/tcp    Loophole Test Protocol
lhttp          1983/udp    Loophole Test Protocol
#               Kade Hansson <kade_fh@postoffice.utas.edu.au>
bb             1984/tcp    BB
bb             1984/udp    BB
#               Sean MacGuire <sean@maclawran.ca>
hsrp           1985/tcp    Hot Standby Router Protocol
hsrp           1985/udp    Hot Standby Router Protocol
#               Phil Morton <pmorton@cisco.com>
licensedaemon   1986/tcp    cisco license management
licensedaemon   1986/udp    cisco license management
tr-rsrp-p1     1987/tcp    cisco RSRB Priority 1 port
tr-rsrp-p1     1987/udp    cisco RSRB Priority 1 port
tr-rsrp-p2     1988/tcp    cisco RSRB Priority 2 port
tr-rsrp-p2     1988/udp    cisco RSRB Priority 2 port
tr-rsrp-p3     1989/tcp    cisco RSRB Priority 3 port
tr-rsrp-p3     1989/udp    cisco RSRB Priority 3 port
# The following entry records an unassigned but widespread use
mshnet         1989/tcp    MHSnet system
mshnet         1989/udp    MHSnet system
#               Bob Kummerfeld <bob@sarad.cs.su.oz.au>
stun-p1        1990/tcp    cisco STUN Priority 1 port
stun-p1        1990/udp    cisco STUN Priority 1 port

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stun-p2          1991/tcp    cisco STUN Priority 2 port
stun-p2          1991/udp    cisco STUN Priority 2 port
stun-p3          1992/tcp    cisco STUN Priority 3 port
stun-p3          1992/udp    cisco STUN Priority 3 port
# The following entry records an unassigned but widespread use
ipsendmsg        1992/tcp    IPsendmsg
ipsendmsg        1992/udp    IPsendmsg
#
snmp-tcp-port    1993/tcp    cisco SNMP TCP port
snmp-tcp-port    1993/udp    cisco SNMP TCP port
stun-port        1994/tcp    cisco serial tunnel port
stun-port        1994/udp    cisco serial tunnel port
perf-port        1995/tcp    cisco perf port
perf-port        1995/udp    cisco perf port
tr-rsrb-port     1996/tcp    cisco Remote SRB port
tr-rsrb-port     1996/udp    cisco Remote SRB port
gdp-port         1997/tcp    cisco Gateway Discovery Protocol
gdp-port         1997/udp    cisco Gateway Discovery Protocol
x25-svc-port     1998/tcp    cisco X.25 service (XOT)
x25-svc-port     1998/udp    cisco X.25 service (XOT)
tcp-id-port      1999/tcp    cisco identification port
tcp-id-port      1999/udp    cisco identification port
#
cisco-sccp       2000/tcp    Cisco SCCP
cisco-sccp       2000/udp    Cisco SCCP
#
dc               2001/tcp
wizard           2001/udp    curry
globe            2002/tcp
globe            2002/udp
#               2003      Unassigned
mailbox          2004/tcp
emce             2004/udp    CCWS mm conf
berknet          2005/tcp
oracle           2005/udp
invokator        2006/tcp
raid-cd          2006/udp    raid
dectalk          2007/tcp
raid-am          2007/udp
conf             2008/tcp
terminaldb       2008/udp
news             2009/tcp
whosockami       2009/udp
search           2010/tcp
pipe_server      2010/udp
raid-cc          2011/tcp    raid
servserv         2011/udp
ttyinfo          2012/tcp
raid-ac          2012/udp
raid-am          2013/tcp
raid-cd          2013/udp
troff            2014/tcp
raid-sf          2014/udp
cypress          2015/tcp
raid-cs          2015/udp
bootserver       2016/tcp
bootserver       2016/udp

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| | | |
|----------------|----------|--|
| cypress-stat | 2017/tcp | |
| bootclient | 2017/udp | |
| terminaldb | 2018/tcp | |
| rellpack | 2018/udp | |
| whosockami | 2019/tcp | |
| about | 2019/udp | |
| xinupageserver | 2020/tcp | |
| xinupageserver | 2020/udp | |
| servexec | 2021/tcp | |
| xinuexpansion1 | 2021/udp | |
| down | 2022/tcp | |
| xinuexpansion2 | 2022/udp | |
| xinuexpansion3 | 2023/tcp | |
| xinuexpansion3 | 2023/udp | |
| xinuexpansion4 | 2024/tcp | |
| xinuexpansion4 | 2024/udp | |
| ellpack | 2025/tcp | |
| xribs | 2025/udp | |
| scrabble | 2026/tcp | |
| scrabble | 2026/udp | |
| shadowserver | 2027/tcp | |
| shadowserver | 2027/udp | |
| submitserver | 2028/tcp | |
| submitserver | 2028/udp | |
| hsrpv6 | 2029/tcp | Hot Standby Router Protocol IPv6 |
| hsrpv6 | 2029/udp | Hot Standby Router Protocol IPv6 |
| # | | Ian Wilson <hsrp-info@cisco.com> November 2004 |
| device2 | 2030/tcp | |
| device2 | 2030/udp | |
| mobrien-chat | 2031/tcp | mobrien-chat |
| mobrien-chat | 2031/udp | mobrien-chat |
| # | | Mike O'Brien <mike@mobrien.com> November 2004 |
| blackboard | 2032/tcp | |
| blackboard | 2032/udp | |
| glogger | 2033/tcp | |
| glogger | 2033/udp | |
| scoremgr | 2034/tcp | |
| scoremgr | 2034/udp | |
| imsldoc | 2035/tcp | |
| imsldoc | 2035/udp | |
| # | | |
| e-dpnet | 2036/tcp | Ethernet WS DP network |
| e-dpnet | 2036/udp | Ethernet WS DP network |
| # | | Peter Kaefer <kaefer.peter@westfalia.com> August |
| 2005 | | |
| p2plus | 2037/tcp | P2plus Application Server |
| p2plus | 2037/udp | P2plus Application Server |
| # | | Thomas Boerkel <tb@ap-ag.com> |
| objectmanager | 2038/tcp | |
| objectmanager | 2038/udp | |
| # | | |
| prizma | 2039/tcp | Prizma Monitoring Service |
| prizma | 2039/udp | Prizma Monitoring Service |
| # | | Dotan Ofek <dotan.ofek@prizmasoft.com> December 2005 |
| lam | 2040/tcp | |
| lam | 2040/udp | |
| interbase | 2041/tcp | |

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interbase 2041/udp
isis      2042/tcp   isis
isis      2042/udp   isis
isis-bcast 2043/tcp   isis-bcast
isis-bcast 2043/udp   isis-bcast
#
#                               Ken Chapman <kchapman@isis.com>
rimsl     2044/tcp
rimsl     2044/udp
cdfunc    2045/tcp
cdfunc    2045/udp
sdfunc    2046/tcp
sdfunc    2046/udp
dls       2047/tcp
dls       2047/udp
dls-monitor 2048/tcp
dls-monitor 2048/udp
#
#                               <== NOTE Conflict on 2049 !
shilp     2049/tcp
shilp     2049/udp
nfs       2049/tcp   Network File System - Sun Microsystems
nfs       2049/udp   Network File System - Sun Microsystems
#
#                               Brent Callaghan <brent@terra.eng.sun.com>
av-emb-config 2050/tcp   Avaya EMB Config Port
av-emb-config 2050/udp   Avaya EMB Config Port
#
#                               John Yeager <johnyeager@avaya.com>
epnsdp    2051/tcp   EPNSDP
epnsdp    2051/udp   EPNSDP
#
#                               Hiroyasu Ogata <Ogata.Hiroyasu@exc.epson.co.jp>
clearvisn 2052/tcp   clearVisn Services Port
clearvisn 2052/udp   clearVisn Services Port
#
#                               Dave Lyons <dlyons@dnpg.com>
lot105-ds-upd 2053/tcp   Lot105 DSuper Updates
lot105-ds-upd 2053/udp   Lot105 DSuper Updates
#
#                               Piers Scannell <iana-form@lot105.com>
weblogin  2054/tcp   Weblogin Port
weblogin  2054/udp   Weblogin Port
#
#                               Diego Saravia <dsa@unsa.edu.ar>
iop       2055/tcp   Iliad-Odyssey Protocol
iop       2055/udp   Iliad-Odyssey Protocol
#
#                               Bruce Lueckenhoff <brucelu@cisco.com>
omnisky   2056/tcp   OmniSky Port
omnisky   2056/udp   OmniSky Port
#
#                               Oren Hurvitz <oren@omnisky.com>
rich-cp   2057/tcp   Rich Content Protocol
rich-cp   2057/udp   Rich Content Protocol
#
#                               Ronen Vainish <ronen@digitalfountain.com>
newwavesearch 2058/tcp   NewWaveSearchables RMI
newwavesearch 2058/udp   NewWaveSearchables RMI
#
#                               Thomas Kerkau <Thomas.Kerkau@io-software.com>
bmc-messaging 2059/tcp   BMC Messaging Service
bmc-messaging 2059/udp   BMC Messaging Service
#
#                               Portnoy Boxman <portnoy_boxman@bmc.com>
teleniumdaemon 2060/tcp   Telenium Daemon IF
teleniumdaemon 2060/udp   Telenium Daemon IF
#
#                               Nick Woronuk <nick.woronuk@megasys.com>
netmount  2061/tcp   NetMount
netmount  2061/udp   NetMount

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# Alex Oberlander <alexo@netmount.com>
icg-swp 2062/tcp ICG SWP Port
icg-swp 2062/udp ICG SWP Port
icg-bridge 2063/tcp ICG Bridge Port
icg-bridge 2063/udp ICG Bridge Port
icg-iprelay 2064/tcp ICG IP Relay Port
icg-iprelay 2064/udp ICG IP Relay Port
# Steve Quintana <steve@icgresearch.com>
dlsrpn 2065/tcp Data Link Switch Read Port Number
dlsrpn 2065/udp Data Link Switch Read Port Number
# Amir Peless <amirp@radware.co.il>
aura 2066/tcp AVM USB Remote Architecture
aura 2066/udp AVM USB Remote Architecture
# Diego Friedel <d.friedel@avm.de> March 2006
dlsrpn 2067/tcp Data Link Switch Write Port Number
dlsrpn 2067/udp Data Link Switch Write Port Number
# Amir Peless <amirp@radware.co.il>
avauthsrvprtcl 2068/tcp Avocent AuthSrv Protocol
avauthsrvprtcl 2068/udp Avocent AuthSrv Protocol
# Steven W. Clark <sclark@equinox.com>
event-port 2069/tcp HTTP Event Port
event-port 2069/udp HTTP Event Port
# Larry Emlich <larry.emlich@compaq.com>
ah-esp-encap 2070/tcp AH and ESP Encapsulated in UDP packet
ah-esp-encap 2070/udp AH and ESP Encapsulated in UDP packet
# Amy Weaver <aweaver@vpnet.com>
acp-port 2071/tcp Axon Control Protocol
acp-port 2071/udp Axon Control Protocol
# Christiaan Simons <christiaan.simons@axon.nl>
msync 2072/tcp GlobeCast mSync
msync 2072/udp GlobeCast mSync
# Piers Scannell <piers@globecastne.com>
gxs-data-port 2073/tcp DataReel Database Socket
gxs-data-port 2073/udp DataReel Database Socket
# Douglas M. Gaer <doug@datareel.com>
vrtl-vmf-sa 2074/tcp Vertel VMF SA
vrtl-vmf-sa 2074/udp Vertel VMF SA
# Alan Akahoshi <alan-akahoshi@vertel.com>
newlixengine 2075/tcp Newlix ServerWare Engine
newlixengine 2075/udp Newlix ServerWare Engine
newlixconfig 2076/tcp Newlix JSPConfig
newlixconfig 2076/udp Newlix JSPConfig
# Jean-Serge Gagnon <jean-serge.gagnon@newlix.com>
tsrmagt 2077/tcp Old Tivoli Storage Manager
tsrmagt 2077/udp Old Tivoli Storage Manager
tpcsrvr 2078/tcp IBM Total Productivity Center Server
tpcsrvr 2078/udp IBM Total Productivity Center Server
# Justin R. Bendich <jbendich@us.ibm.com>
idware-router 2079/tcp IDWARE Router Port
idware-router 2079/udp IDWARE Router Port
# Zdenek Kolba <zdenek.kolba@id-karta.cz>
autodesk-nlm 2080/tcp Autodesk NLM (FLEXlm)
autodesk-nlm 2080/udp Autodesk NLM (FLEXlm)
# Greg Suppes <greg.suppes@autodesk.com>
kme-trap-port 2081/tcp KME PRINTER TRAP PORT
kme-trap-port 2081/udp KME PRINTER TRAP PORT
# Masakatsu Matsuo <masa@sdsft.kme.mei.co.jp>

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infowave      2082/tcp    Infowave Mobility Server
infowave      2082/udp    Infowave Mobiltiy Server
#
radsec        2083/tcp    Secure Radius Service
radsec        2083/udp    Secure Radius Service
#
sunclustergeo 2084/tcp    SunCluster Geographic
sunclustergeo 2084/udp    SunCluster Geographic
#
ada-cip       2085/tcp    ADA Control
ada-cip       2085/udp    ADA Control
#
gnunet        2086/tcp    GNUnet
gnunet        2086/udp    GNUnet
#
2002
eli           2087/tcp    ELI - Event Logging Integration
eli           2087/udp    ELI - Event Logging Integration
#
ip-blf        2088/tcp    IP Busy Lamp Field
ip-blf        2088/udp    IP Busy Lamp Field
#
sep           2089/tcp    Security Encapsulation Protocol - SEP
sep           2089/udp    Security Encapsulation Protocol - SEP
#
lrp           2090/tcp    Load Report Protocol
lrp           2090/udp    Load Report Protocol
#
prp           2091/tcp    PRP
prp           2091/udp    PRP
#
descent3      2092/tcp    Descent 3
descent3      2092/udp    Descent 3
#
nbx-cc        2093/tcp    NBX CC
nbx-cc        2093/udp    NBX CC
nbx-au        2094/tcp    NBX AU
nbx-au        2094/udp    NBX AU
nbx-ser       2095/tcp    NBX SER
nbx-ser       2095/udp    NBX SER
nbx-dir       2096/tcp    NBX DIR
nbx-dir       2096/udp    NBX DIR
#
jetformpreview 2097/tcp    Jet Form Preview
jetformpreview 2097/udp    Jet Form Preview
#
dialog-port   2098/tcp    Dialog Port
dialog-port   2098/udp    Dialog Port
#
h2250-annex-g 2099/tcp    H.225.0 Annex G
h2250-annex-g 2099/udp    H.225.0 Annex G
#
amiganetfs    2100/tcp    Amiga Network Filesystem
amiganetfs    2100/udp    Amiga Network Filesystem
#
rtcm-sc104    2101/tcp    rtcm-sc104
rtcm-sc104    2101/udp    rtcm-sc104

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#                               Wolfgang Rupperecht <wolfgang@wsrcc.com>
zephyr-srv      2102/tcp    Zephyr server
zephyr-srv      2102/udp    Zephyr server
zephyr-clt      2103/tcp    Zephyr serv-hm connection
zephyr-clt      2103/udp    Zephyr serv-hm connection
zephyr-hm       2104/tcp    Zephyr hostmanager
zephyr-hm       2104/udp    Zephyr hostmanager
#                               Greg Hudson <zephyr-bugs@mit.edu>
minipay         2105/tcp    MiniPay
minipay         2105/udp    MiniPay
#                               Amir Herzberg <amirh@vnet.ibm.com>
mzap            2106/tcp    MZAP
mzap            2106/udp    MZAP
#                               Dave Thaler <dthaler@microsoft.com>
bintec-admin    2107/tcp    BinTec Admin
bintec-admin    2107/udp    BinTec Admin
#                               Thomas Schmidt <ts@bintec.de>
comcam          2108/tcp    Comcam
comcam          2108/udp    Comcam
#                               Don Gilbreath <don@comcam.net>
ergolight       2109/tcp    Ergolight
ergolight       2109/udp    Ergolight
#                               Jindra Ryvola <jryvola@ledalite.com>
umsp            2110/tcp    UMSP
umsp            2110/udp    UMSP
#                               Alexander Bogdanov <alexander_bgd@softhome.net>
dsatp           2111/tcp    DSATP
dsatp           2111/udp    DSATP
#                               Ralph Beck <beck@altaworks.com>
idonix-met Janet 2112/tcp    Idonix MetaNet
idonix-met Janet 2112/udp    Idonix MetaNet
#                               Paul Harrison <paulh@idonix.co.uk>
hsl-storm       2113/tcp    HSL StoRM
hsl-storm       2113/udp    HSL StoRM
#                               Jost Faganel <jost.faganel@hermes.si>
newheights      2114/tcp    NEWHEIGHTS
newheights      2114/udp    NEWHEIGHTS
#                               Michael Levy <ml@nh.ca>
kdm             2115/tcp    Key Distribution Manager
kdm             2115/udp    Key Distribution Manager
#                               Mike Little <mike.little@GDC4S.com>
ccowcmr         2116/tcp    CCOWCMR
ccowcmr         2116/udp    CCOWCMR
#                               Mark Morwood <markm@sentillion.com>
mentaclient     2117/tcp    MENTACLIENT
mentaclient     2117/udp    MENTACLIENT
mentaserver     2118/tcp    MENTASERVER
mentaserver     2118/udp    MENTASERVER
#                               Ilan Shlosberg <ilan@mentasoftware.com>
gsigatekeeper   2119/tcp    GSIGATEKEEPER
gsigatekeeper   2119/udp    GSIGATEKEEPER
#                               Steve Tuecke <tuecke@mcs.anl.gov>
qencp           2120/tcp    Quick Eagle Networks CP
qencp           2120/udp    Quick Eagle Networks CP
#                               Santa Dasu <Santa_Dasu@quickeagle.com>
scientia-ssdb   2121/tcp    SCIENTIA-SSDB
scientia-ssdb   2121/udp    SCIENTIA-SSDB

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#          SYSTEMS MANAGER <systems-manager@scientia.com>
caupc-remote 2122/tcp  CauPC Remote Control
caupc-remote 2122/udp  CauPC Remote Control
#          Environics Oy <pasi.nuutinmaki@environics.fi>
gtp-control  2123/tcp  GTP-Control Plane (3GPP)
gtp-control  2123/udp  GTP-Control Plane (3GPP)
#          Alessio Casati <a.casati@computer.org>
elatelink    2124/tcp  ELATELINK
elatelink    2124/udp  ELATELINK
#          Tim Lawrence <lawrence@tao-group.com>
lockstep     2125/tcp  LOCKSTEP
lockstep     2125/udp  LOCKSTEP
#          Karl Forster <kforster@lockstep.com>
pktcable-cops 2126/tcp  PktCable-COPS
pktcable-cops 2126/udp  PktCable-COPS
#          Glenn Russell <grussell@cablelabs.com>
index-pc-wb   2127/tcp  INDEX-PC-WB
index-pc-wb   2127/udp  INDEX-PC-WB
#          James David Fisher <jfisher1@avaya.com>
net-steward   2128/tcp  Net Steward Control
net-steward   2128/udp  Net Steward Control
#          Martin Norman <martin@ndl.co.uk>
cs-live       2129/tcp  cs-live.com
cs-live       2129/udp  cs-live.com
#          Matt Lachance <matt@cs-live.com>
xds           2130/tcp  XDS
xds           2130/udp  XDS
#          Peter Zurich <pbz@Lowpft.com>
avantageb2b  2131/tcp  Avantageb2b
avantageb2b  2131/udp  Avantageb2b
#          Avi Software <srobert@logava.com>
solera-epmap 2132/tcp  SoleraTec End Point Map
solera-epmap 2132/udp  SoleraTec End Point Map
#          Mark Armstrong <Mark.Armstrong@SoleraTec.com>
zymed-zpp    2133/tcp  ZYMED-ZPP
zymed-zpp    2133/udp  ZYMED-ZPP
#          Gregg Welker <greggw@zmi.com>
avenue       2134/tcp  AVENUE
avenue       2134/udp  AVENUE
#          Jason Cater <jason@ncsmags.com>
gris         2135/tcp  Grid Resource Information Server
gris         2135/udp  Grid Resource Information Server
#          Steve Tuecke <tuecke@mcs.anl.gov>
appworxsrv   2136/tcp  APPWORXSRV
appworxsrv   2136/udp  APPWORXSRV
#          Fred McLain <fmclain@appworx.com>
connect      2137/tcp  CONNECT
connect      2137/udp  CONNECT
#          Reid Ligon <reid@connectrf.com>
unbind-cluster 2138/tcp  UNBIND-CLUSTER
unbind-cluster 2138/udp  UNBIND-CLUSTER
#          Francois Harvey <securiweb@pandore.qc.ca>
ias-auth     2139/tcp  IAS-AUTH
ias-auth     2139/udp  IAS-AUTH
ias-reg      2140/tcp  IAS-REG
ias-reg      2140/udp  IAS-REG
ias-admind   2141/tcp  IAS-ADMIND

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ias-adminind      2141/udp    IAS-ADMIND
#                Baiju V. Patel <Baiju.v.patel@intel.com>
tdmoip           2142/tcp    TDM OVER IP
tdmoip           2142/udp    TDM OVER IP
#                RFC-ietf-pwe3-tdmoip-06.txt
lv-jc            2143/tcp    Live Vault Job Control
lv-jc            2143/udp    Live Vault Job Control
lv-ffx          2144/tcp    Live Vault Fast Object Transfer
lv-ffx          2144/udp    Live Vault Fast Object Transfer
lv-pici         2145/tcp    Live Vault Remote Diagnostic Console Support
lv-pici         2145/udp    Live Vault Remote Diagnostic Console Support
lv-not          2146/tcp    Live Vault Admin Event Notification
lv-not          2146/udp    Live Vault Admin Event Notification
lv-auth         2147/tcp    Live Vault Authentication
lv-auth         2147/udp    Live Vault Authentication
#                Ted Hess <t Hess@livevault.com>
veritas-ucl     2148/tcp    VERITAS UNIVERSAL COMMUNICATION LAYER
veritas-ucl     2148/udp    VERITAS UNIVERSAL COMMUNICATION LAYER
#                Songlin Ren <ren@veritas.com>
acptsys         2149/tcp    ACPTSYS
acptsys         2149/udp    ACPTSYS
#                Michael Lekias <admin@psdesign.com.au>
dynamic3d       2150/tcp    DYNAMIC3D
dynamic3d       2150/udp    DYNAMIC3D
#                Tobias Wegner <wegner@novagate.de>
docent          2151/tcp    DOCENT
docent          2151/udp    DOCENT
#                Hali Lindbloom <halil@docent.com>
gtp-user        2152/tcp    GTP-User Plane (3GPP)
gtp-user        2152/udp    GTP-User Plane (3GPP)
#                Alessio Casati <a.casati@computer.org>
#                2153-2158 Unassigned
gdbremote       2159/tcp    GDB Remote Debug Port
gdbremote       2159/udp    GDB Remote Debug Port
#                Nigel Stephens <nigel@algor.co.uk>
apc-2160        2160/tcp    APC 2160
apc-2160        2160/udp    APC 2160
#                American Power Conversion <ports@apcc.com>
apc-2161        2161/tcp    APC 2161
apc-2161        2161/udp    APC 2161
#                American Power Conversion <ports@apcc.com>
navisphere      2162/tcp    Navisphere
navisphere      2162/udp    Navisphere
navisphere-sec  2163/tcp    Navisphere Secure
navisphere-sec  2163/udp    Navisphere Secure
#                Andreas Bauer <bauer_andreas@emc.com>
ddns-v3         2164/tcp    Dynamic DNS Version 3
ddns-v3         2164/udp    Dynamic DNS Version 3
#                Alan Yates <alany@ay.com.au>
x-bone-api      2165/tcp    X-Bone API
x-bone-api      2165/udp    X-Bone API
#                Joe Touch <touch@isi.edu>
iwserver        2166/tcp    iwserver
iwserver        2166/udp    iwserver
#                Fred Surr <quest_iana@oz.quest.com>
raw-serial      2167/tcp    Raw Async Serial Link
raw-serial      2167/udp    Raw Async Serial Link

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# Benjamin Green <ben@lh.co.nz>
easy-soft-mux 2168/tcp easy-soft Multiplexer
easy-soft-mux 2168/udp easy-soft Multiplexer
# Norbert Kintzler <NKintzler@easy-soft-dresden.de>
November 2004
brain 2169/tcp Backbone for Academic Information Notification
(BRAIN)
brain 2169/udp Backbone for Academic Information Notification
(BRAIN)
# Archishmat Gore <archisgore@yahoo.com> November 2004
eyetv 2170/tcp EyeTV Server Port
eyetv 2170/udp EyeTV Server Port
# Elgato Systems <portinfo@elgato.com> November 2004
msfw-storage 2171/tcp MS Firewall Storage
msfw-storage 2171/udp MS Firewall Storage
msfw-s-storage 2172/tcp MS Firewall SecureStorage
msfw-s-storage 2172/udp MS Firewall SecureStorage
msfw-replica 2173/tcp MS Firewall Replication
msfw-replica 2173/udp MS Firewall Replication
msfw-array 2174/tcp MS Firewall Intra Array
msfw-array 2174/udp MS Firewall Intra Array
# Itai Greenberg <itaig@microsoft.com> November 2004
airsync 2175/tcp Microsoft Desktop AirSync Protocol
airsync 2175/udp Microsoft Desktop AirSync Protocol
rapi 2176/tcp Microsoft ActiveSync Remote API
rapi 2176/udp Microsoft ActiveSync Remote API
# Jon Xu <jonxu@microsoft.com> August 2005
qwave 2177/tcp qWAVE Bandwidth Estimate
qwave 2177/udp qWAVE Bandwidth Estimate
# Gabe Frost <gfrost@microsoft.com> August 2005
bitspeer 2178/tcp Peer Services for BITS
bitspeer 2178/udp Peer Services for BITS
# Jeff Roberts <jroberts@microsoft.com> November 2005
# 2179 Unassigned
mc-gt-srv 2180/tcp Millicent Vendor Gateway Server
mc-gt-srv 2180/udp Millicent Vendor Gateway Server
# Steve Glassman <steveg@pa.dec.com>
eforward 2181/tcp eforward
eforward 2181/udp eforward
# Greg Pringle <admin@corvedia.com>
cgn-stat 2182/tcp CGN status
cgn-stat 2182/udp CGN status
cgn-config 2183/tcp Code Green configuration
cgn-config 2183/udp Code Green configuration
# Chris Michaelson <chris@codegreennetworks.com>
August 2005
nvd 2184/tcp NVD User
nvd 2184/udp NVD User
# Yves Gattegno <iana@qualysystem.org> December 2004
onbase-dds 2185/tcp OnBase Distributed Disk Services
onbase-dds 2185/udp OnBase Distributed Disk Services
# Paul Tam <ianaportmaster@onbase.com> December 2004
# 2186-2189 Unassigned
tivoconnect 2190/tcp TiVoConnect Beacon
tivoconnect 2190/udp TiVoConnect Beacon
# Jeffrey J. Peters <jpeters@tivo.com> August 2002
tvbus 2191/tcp TvBus Messaging

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| | | |
|----------------|-----------|---|
| tvbus | 2191/udp | TvBus Messaging |
| # | | Brian W. Beach <brian@tivo.com> January 2003 |
| asdis | 2192/tcp | ASDIS software management |
| asdis | 2192/udp | ASDIS software management |
| # | | ASDIS Support <support@asdis.de> August 2005 |
| # | 2193-2196 | Unassigned |
| mnp-exchange | 2197/tcp | MNP data exchange |
| mnp-exchange | 2197/udp | MNP data exchange |
| # | | Peter Pramberger <peter.pramberger@telering.co.at> |
| November 2004 | | |
| onehome-remote | 2198/tcp | OneHome Remote Access |
| onehome-remote | 2198/udp | OneHome Remote Access |
| onehome-help | 2199/tcp | OneHome Service Port |
| onehome-help | 2199/udp | OneHome Service Port |
| # | | Jim Herman <jherman@homelogic.com> August 2005 |
| ici | 2200/tcp | ICI |
| ici | 2200/udp | ICI |
| # | | Brent Hines <brent.hines@unisys.com> |
| ats | 2201/tcp | Advanced Training System Program |
| ats | 2201/udp | Advanced Training System Program |
| # | | (Need contact info) |
| imtc-map | 2202/tcp | Int. Multimedia Teleconferencing Consortium |
| imtc-map | 2202/udp | Int. Multimedia Teleconferencing Consortium |
| # | | Pat Galvin <pgalvin@databeam.com> |
| b2-runtime | 2203/tcp | b2 Runtime Protocol |
| b2-runtime | 2203/udp | b2 Runtime Protocol |
| b2-license | 2204/tcp | b2 License Server |
| b2-license | 2204/udp | b2 License Server |
| # | | Helge-Frank Zimpel <helge.zimpel@baeurer.de> January 2006 |
| jps | 2205/tcp | Java Presentation Server |
| jps | 2205/udp | Java Presentation Server |
| # | | Leif Jakob <leif+iana@cube.ch> January 2006 |
| hpocbus | 2206/tcp | HP OpenCall bus |
| hpocbus | 2206/udp | HP OpenCall bus |
| # | | Jerome Forissier <Jerome.Forissier@hp.com> December |
| 2005 | | |
| hpssd | 2207/tcp | HP Status and Services |
| hpssd | 2207/udp | HP Status and Services |
| # | | Donald Welch <donald.welch@hp.com> May 2006 |
| hpiod | 2208/tcp | HP I/O Backend |
| hpiod | 2208/udp | HP I/O Backend |
| # | | David Suffield <david.suffield@hp.com> May 2006 |
| # | 2209-2212 | Unassigned |
| kali | 2213/tcp | Kali |
| kali | 2213/udp | Kali |
| # | | Jay Cotton <JAY@calc.vet.uga.edu> |
| rpi | 2214/tcp | RDQ Protocol Interface |
| rpi | 2214/udp | RDQ Protocol Interface |
| # | | Les Mather <lm@remsdaq.com> December 2005 |
| ipcore | 2215/tcp | IPCore.co.za GPRS |
| ipcore | 2215/udp | IPCore.co.za GPRS |
| # | | Administrator <admin@ipcore.co.za> December 2005 |
| vtu-comms | 2216/tcp | VTU data service |
| vtu-comms | 2216/udp | VTU data service |
| # | | David Barrass <dbarrass@bartecautoid.com> January 2006 |
| gotodevice | 2217/tcp | GoToDevice Device Management |
| gotodevice | 2217/udp | GoToDevice Device Management |

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#           John Lisek <jl@gotodevice.com> January 2006
bounzza    2218/tcp    Bounzza IRC Proxy
bounzza    2218/udp    Bounzza IRC Proxy
#           Danko Alexeyev <virtuall@virtuall.info> February 2006
netiq-ncap 2219/tcp    NetIQ NCAP Protocol
netiq-ncap 2219/udp    NetIQ NCAP Protocol
#           Roger Huebner <Roger.Huebner@netiq.com> January 2006
netiq      2220/tcp    NetIQ End2End
netiq      2220/udp    NetIQ End2End
#           Gary Weichinger <gary.weichinger@netiq.com>
rockwell-csp1 2221/tcp    Rockwell CSP1
rockwell-csp1 2221/udp    Rockwell CSP1
rockwell-csp2 2222/tcp    Rockwell CSP2
rockwell-csp2 2222/udp    Rockwell CSP2
rockwell-csp3 2223/tcp    Rockwell CSP3
rockwell-csp3 2223/udp    Rockwell CSP3
#           Brian Batke <babatke@ra.rockwell.com>
efi-mg      2224/tcp    Easy Flexible Internet/Multiplayer Games
efi-mg      2224/udp    Easy Flexible Internet/Multiplayer Games
#           Thomas Efer <mail@thomasefer.de> March 2006
rcip-itu    2225/tcp    Resource Connection Initiation Protocol
rcip-itu    2225/sctp  Resource Connection Initiation Protocol
#           ITU TSB, Place des Nations, CH-1211 Geneva 20
<tsbmail@itu.int> June 2006
di-drm      2226/tcp    Digital Instinct DRM
di-drm      2226/udp    Digital Instinct DRM
di-msg      2227/tcp    DI Messaging Service
di-msg      2227/udp    DI Messaging Service
#           Sean Ni <seanni@digitalinstinct.com.tw> February 2006
ehome-ms    2228/tcp    eHome Message Server
ehome-ms    2228/udp    eHome Message Server
#           Peter Gabriel <peter.gabriel@ims.fraunhofer.de> January
2006
datalens    2229/tcp    DataLens Service
datalens    2229/udp    DataLens Service
#           Christopher Bidwell <cbidwell@silvercreeksystems.com>
February 2006
queueadm    2230/tcp    MetaSoft Job Queue Administration Service
queueadm    2230/udp    MetaSoft Job Queue Administration Service
#           Ilya Melamed <ilya77@gmail.com> June 2006
wimaxasnpc 2231/tcp    WiMAX ASN Control Plane Protocol
wimaxasnpc 2231/udp    WiMAX ASN Control Plane Protocol
#           Prakash Iyer <prakash.iyer@intel.com> June 2006
ivs-video   2232/tcp    IVS Video default
ivs-video   2232/udp    IVS Video default
#           Thierry Turletti <Thierry.Turletti@sophia.inria.fr>
infocrypt   2233/tcp    INFOCRYPT
infocrypt   2233/udp    INFOCRYPT
#           Erica Liu <liue@isolation.com>
directplay  2234/tcp    DirectPlay
directplay  2234/udp    DirectPlay
#           Ajay Jindal <ajayj@microsoft.com>
sercomm-wlink 2235/tcp    Sercomm-WLink
sercomm-wlink 2235/udp    Sercomm-WLink
#           Melinda Tsao <melinda@tpel.sercomm.com.tw>
nani        2236/tcp    Nani
nani        2236/udp    Nani

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# Steve Benoit <sbenoi01@eng.eds.com>
optech-port1-lm 2237/tcp Optech Port1 License Manager
optech-port1-lm 2237/udp Optech Port1 License Manager
# Gerard Cannie <jcannie@opticaltech.com>
aviva-sna 2238/tcp AVIVA SNA SERVER
aviva-sna 2238/udp AVIVA SNA SERVER
# Vick Keshishian <vickenK@192.219.82.71>
imagequery 2239/tcp Image Query
imagequery 2239/udp Image Query
# Charles Jacobs <cjacobs@numinous.com>
recipe 2240/tcp RECIPE
recipe 2240/udp RECIPE
# Charlie Limoges <Charlie.Limoges@GDC4S.com>
ivsd 2241/tcp IVS Daemon
ivsd 2241/udp IVS Daemon
# Thierry Turletti
# <Thierry.Turletti@sophia.inria.fr>
foliocorp 2242/tcp Folio Remote Server
foliocorp 2242/udp Folio Remote Server
# Pat Mcgowan <pmcgowan@folio.com>
magicom 2243/tcp Magicom Protocol
magicom 2243/udp Magicom Protocol
# Yossi Appleboum <yossia@magicom.co.il>
nmsserver 2244/tcp NMS Server
nmsserver 2244/udp NMS Server
# Dmitry Krasnonosenkikh
# <Dmitry_Krasnonosenkikh@nmss.com>
hao 2245/tcp HaO
hao 2245/udp HaO
# Panic Ride <panicride@hao.org>
pc-mta-addrmap 2246/tcp PacketCable MTA Addr Map
pc-mta-addrmap 2246/udp PacketCable MTA Addr Map
# Dave Maxwell <d.maxwell@cablelabs.com>
antidotemgrsvr 2247/tcp Antidote Deployment Manager Service
antidotemgrsvr 2247/udp Antidote Deployment Manager Service
# Rod Waltermann <walterma@us.lenovo.com> February 2006
ums 2248/tcp User Management Service
ums 2248/udp User Management Service
# Andrew Crockford
# <andrew.crockford@modus-interactive.co.uk>
rfmp 2249/tcp RISO File Manager Protocol
rfmp 2249/udp RISO File Manager Protocol
# Shinji Yamanaka <syamanaka@jci.co.jp>
remote-collab 2250/tcp remote-collab
remote-collab 2250/udp remote-collab
# Richard Walters <walters@cs.ucdavis.edu>
dif-port 2251/tcp Distributed Framework Port
dif-port 2251/udp Distributed Framework Port
# Sebastien Lambla <lambla@bouygtel.com>
njenet-ssl 2252/tcp NJENET using SSL
njenet-ssl 2252/udp NJENET using SSL
# Hans U Schmidt <schmidth@de.ibm.com>
dtv-chan-req 2253/tcp DTV Channel Request
dtv-chan-req 2253/udp DTV Channel Request
# Richard Hodges <rh@matriplex.com>
seispoc 2254/tcp Seismic P.O.C. Port
seispoc 2254/udp Seismic P.O.C. Port

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#                               Robert Reimiller <bob@certsoft.com>
vrtp                2255/tcp    VRTP - ViRtue Transfer Protocol
vrtp                2255/udp    VRTP - ViRtue Transfer Protocol
#                               Max Fudim <fudim@virtue3d.com>
pcc-mfp            2256/tcp    PCC MFP
pcc-mfp            2256/udp    PCC MFP
#                               Kunihiko Morota <morota.kunihiko@jp.panasonic.com>
August 2005
simple-tx-rx        2257/tcp    simple text/file transfer
simple-tx-rx        2257/udp    simple text/file transfer
#                               Daniel Kilsdonk <dan@prospeed.net> August 2006
rcts                2258/tcp    Rotorcraft Communications Test System
rcts                2258/udp    Rotorcraft Communications Test System
#                               Terry Eldridge <eldridge.consulting@earthlink.net> August
2006
acd-pm             2259/tcp    Accedian Performance Measurement
acd-pm             2259/udp    Accedian Performance Measurement
#                               Claude Robitaille <clauder@accedian.com> August 2006
apc-2260           2260/tcp    APC 2260
apc-2260           2260/udp    APC 2260
#                               American Power Conversion <ports@apcc.com> February
2002
comotionmaster     2261/tcp    CoMotion Master Server
comotionmaster     2261/udp    CoMotion Master Server
comotionback       2262/tcp    CoMotion Backup Server
comotionback       2262/udp    CoMotion Backup Server
#                               Friedman Wagner-Dobler <Friedman.Wagner-
Dobler@gdc4s.com> September 2005
ecwcfg             2263/tcp    ECweb Configuration Service
ecwcfg             2263/udp    ECweb Configuration Service
#                               Anders Hjelm <anders.hjelm@ec.se> March 2006
apx500api-1        2264/tcp    Audio Precision Apx500 API Port 1
apx500api-1        2264/udp    Audio Precision Apx500 API Port 1
apx500api-2        2265/tcp    Audio Precision Apx500 API Port 2
apx500api-2        2265/udp    Audio Precision Apx500 API Port 2
#                               Robert Wright, Founder and Principal Engineer, Audio
Precision Inc.
#                               <ianaports@ap.com> May 2006
mfserver           2266/tcp    M-Files Server
mfserver           2266/udp    M-files Server
#                               Samppa Lahtinen <samppa.lahtinen@motivesys.com>,
June 2004
ontobroker         2267/tcp    OntoBroker
ontobroker         2267/udp    OntoBroker
#                               Dr. Michael Erdmann <erdmann@ontoprise.de> December
2004
amt                2268/tcp    AMT
amt                2268/udp    AMT
#                               Tom Pusateri <pusateri@juniper.net> December 2004
mikey              2269/tcp    MIKEY
mikey              2269/udp    MIKEY
#                               Karl Norrman <karl.norrman@ericsson.com> December
2004
starschool         2270/tcp    starSchool
starschool         2270/udp    starSchool
#                               Adam Ernst <cosmicsoft@cosmicsoft.net> December 2004
mmcals             2271/tcp    Secure Meeting Maker Scheduling

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mmccals      2271/udp   Secure Meeting Maker Scheduling
mmcal        2272/tcp   Meeting Maker Scheduling
mmcal        2272/udp   Meeting Maker Scheduling
#
December 2004
mysql-im     2273/tcp   MySQL Instance Manager
mysql-im     2273/udp   MySQL Instance Manager
#
pcttunnell   2274/tcp   PCTTunneller
pcttunnell   2274/udp   PCTTunneller
#
ProControl Technology AB <info@pctworld.com>
December 2004
ibridge-data 2275/tcp   iBridge Conferencing
ibridge-data 2275/udp   iBridge Conferencing
ibridge-mgmt 2276/tcp   iBridge Management
ibridge-mgmt 2276/udp   iBridge Management
#
Patrick Fisher <pfisher@hns.com> December 2004
bluectrlproxy 2277/tcp   Bt device control proxy
bluectrlproxy 2277/udp   Bt device control proxy
#
Mark de Rooi <derooi@xs4all.nl> December 2004
s3db         2278/tcp   Simple Stacked Sequences Database
s3db         2278/udp   Simple Stacked Sequences Database
#
David Brandon <dade@smoolabs.net> August 2006
xmquery      2279/tcp   xmquery
xmquery      2279/udp   xmquery
#
Niels Christiansen <nchris@austin.ibm.com>
lnvpoller    2280/tcp   LNPOLLER
lnvpoller    2280/udp   LNPOLLER
lnvconsole   2281/tcp   LNVCONSOLE
lnvconsole   2281/udp   LNVCONSOLE
lnvalarm     2282/tcp   LNVALARM
lnvalarm     2282/udp   LNVALARM
lnvstatus    2283/tcp   LNVSTATUS
lnvstatus    2283/udp   LNVSTATUS
lnvmaps      2284/tcp   LNVMAPS
lnvmaps      2284/udp   LNVMAPS
lnvmailmon   2285/tcp   LNVMAILMON
lnvmailmon   2285/udp   LNVMAILMON
#
John Payne <jpayne@lotus.com>
nas-metering 2286/tcp   NAS-Metering
nas-metering 2286/udp   NAS-Metering
#
Steven Sawkins <ssawkins@symantec.com>
dna          2287/tcp   DNA
dna          2287/udp   DNA
#
Tung Nguyen <dash@ricochet.net>
netml        2288/tcp   NETML
netml        2288/udp   NETML
#
Jochen Hansmeyer <cjh@krypton.de>
dict-lookup  2289/tcp   Lookup dict server
dict-lookup  2289/udp   Lookup dict server
#
William Fernando Maton Sotomayor <wfms@acm.org>
January 2005
sonus-logging 2290/tcp   Sonus Logging Services
sonus-logging 2290/udp   Sonus Logging Services
#
Adwait Sathe <asathe@sonusnet.com> August 2005
eapsp        2291/tcp   EPSON Advanced Printer Share Protocol
eapsp        2291/udp   EPSON Advanced Printer Share Protocol

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# SEIKO EPSON <APD.admin@exc.epson.co.jp> June 2006
mib-streaming 2292/tcp Sonus Element Management Services
mib-streaming 2292/udp Sonus Element Management Services
# Linda Lin <llin@sonusnet.com> August 2006
npdbgmngr 2293/tcp Network Platform Debug Manager
npdbgmngr 2293/udp Network Platform Debug Manager
# Robert Byrne <robert.byrne@ie.abb.com> September 2006
konshus-lm 2294/tcp Konshus License Manager (FLEX)
konshus-lm 2294/udp Konshus License Manager (FLEX)
# Francois Painchaud <fpainchaud@konshus.com>
advant-lm 2295/tcp Advant License Manager
advant-lm 2295/udp Advant License Manager
# Lars-Goran Magnusson
# <lars-goran.magnusson@seisy.mail.abb.com>
theta-lm 2296/tcp Theta License Manager (Rainbow)
theta-lm 2296/udp Theta License Manager (Rainbow)
# David Thompson <theta@theta-ent.com>
d2k-datamover1 2297/tcp D2K DataMover 1
d2k-datamover1 2297/udp D2K DataMover 1
d2k-datamover2 2298/tcp D2K DataMover 2
d2k-datamover2 2298/udp D2K DataMover 2
# Eric Lan <elan@d2k.com>
pc-telecommute 2299/tcp PC Telecommute
pc-telecommute 2299/udp PC Telecommute
# John Daniel Bonamico <jbonamico@symantec.com>
cvmmmon 2300/tcp CVMMON
cvmmmon 2300/udp CVMMON
# Roger Kumpf <kumpf@cup.hp.com>
cpq-wbem 2301/tcp Compaq HTTP
cpq-wbem 2301/udp Compaq HTTP
# Scott Shaffer <scott.shaffer@hp.com>
binderysupport 2302/tcp Bindery Support
binderysupport 2302/udp Bindery Support
# Narasimha Rao N. <narasimharao@novell.com>
proxy-gateway 2303/tcp Proxy Gateway
proxy-gateway 2303/udp Proxy Gateway
# Paul Funk <paul@funk.com>
attachmate-uts 2304/tcp Attachmate UTS
attachmate-uts 2304/udp Attachmate UTS
# George Gianelos <Georgegi@Attachmate.com>
mt-scaleserver 2305/tcp MT ScaleServer
mt-scaleserver 2305/udp MT ScaleServer
# Paul Glaubitz <Paul.Glaubitz@mt.com>
tappi-boxnet 2306/tcp TAPPI BoxNet
tappi-boxnet 2306/udp TAPPI BoxNet
# Richard Spartz <rspartz@alliancetechnical.com>
pehelp 2307/tcp pehelp
pehelp 2307/udp pehelp
# Jens Kilian <jensk@hpbeo82.bbn.hp.com>
sdhelp 2308/tcp sdhelp
sdhelp 2308/udp sdhelp
# Annette Klecha <annette_klecha@bbn.hp.com>
sdserver 2309/tcp SD Server
sdserver 2309/udp SD Server
sdclient 2310/tcp SD Client
sdclient 2310/udp SD Client
# Jeurgen Broesamle <juergb@bbn.hp.com>

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messageservice 2311/tcp Message Service
messageservice 2311/udp Message Service
# No contact Listed
wanscaler 2312/tcp WANScaler Communication Service
wanscaler 2312/udp WANScaler Communication Service
# Allen Samuels <allen.samuels@citrix.com> November 2006
iapp 2313/tcp IAPP (Inter Access Point Protocol)
iapp 2313/udp IAPP (Inter Access Point Protocol)
# Henri Moelard <moelard@lucent.com>
cr-websystems 2314/tcp CR WebSystems
cr-websystems 2314/udp CR WebSystems
# Robin Giese <rgiese@peddie.org>
precise-sft 2315/tcp Precise Sft.
precise-sft 2315/udp Precise Sft.
# Michael Landwehr <mikel@precisesoft.co.il>
sent-lm 2316/tcp SENT License Manager
sent-lm 2316/udp SENT License Manager
# Pisharath Krishnan <krishnan@axis-inc.com>
attachmate-g32 2317/tcp Attachmate G32
attachmate-g32 2317/udp Attachmate G32
# Bryce Bhatnagar <BRYCEBH@Attachmate.com>
cadencecontrol 2318/tcp Cadence Control
cadencecontrol 2318/udp Cadence Control
# Buck Caldwell <buck_c@polygon.com>
infolibria 2319/tcp InfoLibria
infolibria 2319/udp InfoLibria
# Chris Chiotasso <cchiotasso@infolibria.com>
siebel-ns 2320/tcp Siebel NS
siebel-ns 2320/udp Siebel NS
# Gilberto Arnaiz <garnaiz@siebel.com>
rdlap 2321/tcp RDLAP
rdlap 2321/udp RDLAP
# Robert Wiebe <crw010@email.mot.com>
ofsd 2322/tcp ofsd
ofsd 2322/udp ofsd
3d-nfsd 2323/tcp 3d-nfsd
3d-nfsd 2323/udp 3d-nfsd
# Mike Sherrill <sherrill@commvault.com>
cosmocall 2324/tcp Cosmocall
cosmocall 2324/udp Cosmocall
# Steve Dellutri
designspace-lm 2325/tcp Design Space License Management
designspace-lm 2325/udp Design Space License Management
# Suzanne Lorrin <suzanne.lorrin@ansys.com>
idcp 2326/tcp IDCP
idcp 2326/udp IDCP
# Keisokugiken Corp. <adda@kgc.co.jp>
xingcsm 2327/tcp xingcsm
xingcsm 2327/udp xingcsm
# Dave Spencer <dspencer@xingtech.com>
netrix-sftm 2328/tcp Netrix SFTM
netrix-sftm 2328/udp Netrix SFTM
# Garrett Herschleb <garrett@netrix.com>
nvd 2329/tcp NVD
nvd 2329/udp NVD
# Peter Weyman <pjweyman@noblenet.com>
tscchat 2330/tcp TSCCHAT
```

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tscchat          2330/udp    TSCCHAT
#               Mike Jackson <mhjack@tscnet.com>
agentview       2331/tcp    AGENTVIEW
agentview       2331/udp    AGENTVIEW
#               Ram Iyer <ram@aaccorp.com>
rcc-host        2332/tcp    RCC Host
rcc-host        2332/udp    RCC Host
#               Martin Shoemaker <shoemakerml@rapistan.com>
snapp           2333/tcp    SNAPP
snapp           2333/udp    SNAPP
#               Kevin Osborn <kosborn@snapappliance.com>
ace-client      2334/tcp    ACE Client Auth
ace-client      2334/udp    ACE Client Auth
ace-proxy       2335/tcp    ACE Proxy
ace-proxy       2335/udp    ACE Proxy
#               Riaz Zolfonoon
<rzolfonoon@securitydynamics.com>
appleugcontrol  2336/tcp    Apple UG Control
appleugcontrol  2336/udp    Apple UG Control
#               Gene Tyacke <gene@apple.com>
ideesrv         2337/tcp    ideesrv
ideesrv         2337/udp    ideesrv
#               Marazzi <fmarazzi@ideetique.com>
norton-lambert  2338/tcp    Norton Lambert
norton-lambert  2338/udp    Norton Lambert
#               Richard de Mornay <rдемornay@norton-
lambert.com>
3com-webview    2339/tcp    3Com WebView
3com-webview    2339/udp    3Com WebView
#               Jennifer Grace <Jennifer_Grace@3com.com>
wrs_registry    2340/tcp    WRS Registry
wrs_registry    2340/udp    WRS Registry
#               Christophe Cleraux <chrisc@wrs.com>
xiostatus       2341/tcp    XIO Status
xiostatus       2341/udp    XIO Status
#               Randy Maas <randym@xiotech.com>
manage-exec     2342/tcp    Seagate Manage Exec
manage-exec     2342/udp    Seagate Manage Exec
#               Jim Flaherty <jim.flaherty@seagatesoftware.com>
nati-logos      2343/tcp    nati logos
nati-logos      2343/udp    nati logos
#               James Juhasz <james.juhasz@ni.com>
fcmsys          2344/tcp    fcmsys
fcmsys          2344/udp    fcmsys
dbm             2345/tcp    dbm
dbm             2345/udp    dbm
#               Dean Robson <dean.robson@fujitsu.com.au>
redstorm_join   2346/tcp    Game Connection Port
redstorm_join   2346/udp    Game Connection Port
redstorm_find   2347/tcp    Game Announcement and Location
redstorm_find   2347/udp    Game Announcement and Location
redstorm_info   2348/tcp    Information to query for game status
redstorm_info   2348/udp    Information to query for game status
redstorm_diag   2349/tcp    Diagnostics Port
redstorm_diag   2349/udp    Diagnostics Port
#               David Weinstein <david.weinstein@redstorm.com>
psbserver       2350/tcp    psbserver

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psbserver      2350/udp    psbserver
psrserver      2351/tcp    psrserver
psrserver      2351/udp    psrserver
pslserver      2352/tcp    pslserver
pslserver      2352/udp    pslserver
pspserver      2353/tcp    pspserver
pspserver      2353/udp    pspserver
psprserver     2354/tcp    psprserver
psprserver     2354/udp    psprserver
psdbserver     2355/tcp    psdbserver
psdbserver     2355/udp    psdbserver
#
gxtelmd        2356/tcp    GXT License Managemant
gxtelmd        2356/udp    GXT License Managemant
#
unihub-server  2357/tcp    UniHub Server
unihub-server  2357/udp    UniHub Server
#
futrix         2358/tcp    Futrix
futrix         2358/udp    Futrix
#
flukeserver    2359/tcp    FlukeServer
flukeserver    2359/udp    FlukeServer
#
nexstorindltd  2360/tcp    NexstorIndLtd
nexstorindltd  2360/udp    NexstorIndLtd
#
tl1            2361/tcp    TL1
tl1            2361/udp    TL1
#
digiman        2362/tcp    digiman
digiman        2362/udp    digiman
#
mediacntrlnf  2363/tcp    Media Central NFSD
mediacntrlnf  2363/udp    Media Central NFSD
#
oi-2000        2364/tcp    OI-2000
oi-2000        2364/udp    OI-2000
#
dbref          2365/tcp    dbref
dbref          2365/udp    dbref
#
qip-login      2366/tcp    qip-login
qip-login      2366/udp    qip-login
#
service-ctrl   2367/tcp    Service Control
service-ctrl   2367/udp    Service Control
#
opentable      2368/tcp    OpenTable
opentable      2368/udp    OpenTable
#
#              2369      De-registered (28 March 2006)
l3-hbmon       2370/tcp    L3-HBMon
l3-hbmon       2370/udp    L3-HBMon
#
##### Port 2370 Unofficially used by Compaq #####
worldwire      2371/tcp    Compaq WorldWire Port

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worldwire      2371/udp      Compaq WorldWire Port
#              Michael Spratte <michael.spratte@compaq.com>
#              2372-2380      Unassigned
compaq-https   2381/tcp      Compaq HTTPS
compaq-https   2381/udp      Compaq HTTPS
#              Scott Shaffer <scott.shaffer@hp.com>
ms-olap3       2382/tcp      Microsoft OLAP
ms-olap3       2382/udp      Microsoft OLAP
ms-olap4       2383/tcp      Microsoft OLAP
ms-olap4       2383/udp      Microsoft OLAP
#              Mosha Pasumansky <moshap@microsoft.com>
sd-request     2384/tcp      SD-REQUEST
sd-capacity    2384/udp      SD-CAPACITY
#              Jason McManus <jasonm@sleepdep.net>
sd-data        2385/tcp      SD-DATA
sd-data        2385/udp      SD-DATA
#              Jason McManus <jasonm@sleepdep.net>
virtualtape    2386/tcp      Virtual Tape
virtualtape    2386/udp      Virtual Tape
vsamredirector 2387/tcp      VSAM Redirector
vsamredirector 2387/udp      VSAM Redirector
#              Ingo Franzki <ifranzki@de.ibm.com>
mynahautostart 2388/tcp      MYNAH AutoStart
mynahautostart 2388/udp      MYNAH AutoStart
#              Thomas J. Klehr <tklehr@telcordia.com>
ovsessionmgr   2389/tcp      OpenView Session Mgr
ovsessionmgr   2389/udp      OpenView Session Mgr
#              Eric Pulsipher <eric_pulsipher@hp.com>
rsmtpt         2390/tcp      RSMTPT
rsmtpt         2390/udp      RSMTPT
#              Geoff Collyer <geoff@research.bell-labs.com>
3com-net-mgmt  2391/tcp      3COM Net Management
3com-net-mgmt  2391/udp      3COM Net Management
#              Prathibha Nagvar
tacticalauth   2392/tcp      Tactical Auth
tacticalauth   2392/udp      Tactical Auth
#              David Yon <yon@tactical-sw.com>
ms-olap1       2393/tcp      MS OLAP 1
ms-olap1       2393/udp      MS OLAP 1
ms-olap2       2394/tcp      MS OLAP 2
ms-olap2       2394/udp      MS OLAP 2
#              Mosha Pasumansky <moshap@microsoft.com>
lan900_remote  2395/tcp      LAN900 Remote
lan900_remote  2395/udp      LAN900 Remote
#              Tom Quinlan <tquinlan@digitechinc.com>
wusage         2396/tcp      Wusage
wusage         2396/udp      Wusage
#              Thomas Boutell <boutell@boutell.com>
ncl             2397/tcp      NCL
ncl             2397/udp      NCL
#              Robert Wiebe <crw010@email.mot.com>
orbiter        2398/tcp      Orbiter
orbiter        2398/udp      Orbiter
#              David Goldberg <dgoldberg@callisto.com>
fmpro-fdal     2399/tcp      FileMaker, Inc. - Data Access Layer
fmpro-fdal     2399/udp      FileMaker, Inc. - Data Access Layer
#              Clay Maeckal <clay_maeckel@filemaker.com>

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opequus-server 2400/tcp OpEquus Server
opequus-server 2400/udp OpEquus Server
# Gavin Hutchinson <gavinh@tesl.com>
cvspserver 2401/tcp cvspserver
cvspserver 2401/udp cvspserver
# Jim Kingdon <kingdon@harvey.cyclic.com>
taskmaster2000 2402/tcp TaskMaster 2000 Server
taskmaster2000 2402/udp TaskMaster 2000 Server
taskmaster2000 2403/tcp TaskMaster 2000 Web
taskmaster2000 2403/udp TaskMaster 2000 Web
# Ed Odjaghian <edo@datacap.com>
iec-104 2404/tcp IEC 60870-5-104 process control over IP
iec-104 2404/udp IEC 60870-5-104 process control over IP
# Walter K. Eichelburg <walter.eichelburg@sat-
automation.com>
trc-netpoll 2405/tcp TRC Netpoll
trc-netpoll 2405/udp TRC Netpoll
# Bizhan Ghavami <ghavami@telcores.com>
jediserver 2406/tcp JediServer
jediserver 2406/udp JediServer
# Paul McEntire <paul.mcentire@columbiasc.ncr.com>
orion 2407/tcp Orion
orion 2407/udp Orion
# Matthew Horoschun <mhoroschun@canprint.com.au>
optimanet 2408/tcp OptimaNet
optimanet 2408/udp OptimaNet
# John Graham-Cumming <jgc@optimal.com>
sns-protocol 2409/tcp SNS Protocol
sns-protocol 2409/udp SNS Protocol
# Amir Blich <amir@netmanage.co.il>
vrts-registry 2410/tcp VRTS Registry
vrts-registry 2410/udp VRTS Registry
# Pranay Varma <pran@veritas.com>
netwave-ap-mgmt 2411/tcp Netwave AP Management
netwave-ap-mgmt 2411/udp Netwave AP Management
# Johnny Zweig <zweig@netwave-wireless.com>
cdn 2412/tcp CDN
cdn 2412/udp CDN
# Alan Noble <noble@netmind.com>
orion-rmi-reg 2413/tcp orion-rmi-reg
orion-rmi-reg 2413/udp orion-rmi-reg
# J.S. Greenfield <greeny@us.ibm.com>
beeyond 2414/tcp Beeyond
beeyond 2414/udp Beeyond
# Bob Deblrier <bob@virtualunlimited.com>
codima-rtp 2415/tcp Codima Remote Transaction Protocol
codima-rtp 2415/udp Codima Remote Transaction Protocol
# Sylvia Ross <sross@codimatech.com>
rmtserver 2416/tcp RMT Server
rmtserver 2416/udp RMT Server
# Yvon Marineau <yvon@simware.com>
composit-server 2417/tcp Composit Server
composit-server 2417/udp Composit Server
# Katsuaki Naoi <naoi@pfu.co.jp>
cas 2418/tcp cas
cas 2418/udp cas
# Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>

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attachmate-s2s 2419/tcp Attachmate S2S
attachmate-s2s 2419/udp Attachmate S2S
# Chris Rominski <ChrisRom@attachmate.com>
dslremote-mgmt 2420/tcp DSL Remote Management
dslremote-mgmt 2420/udp DSL Remote Management
# Westell, Inc. <jronk@westell.com>
g-talk 2421/tcp G-Talk
g-talk 2421/udp G-Talk
# Matt Hammond <matt_hammond@four-sight.co.uk>
crmsbits 2422/tcp CRMSBITS
crmsbits 2422/udp CRMSBITS
# Rod Ward <Rward@vaccmell.telstra.com.au>
rnrp 2423/tcp RNRP
rnrp 2423/udp RNRP
# Per Sahlqvist <psahlqvi@sw.seisy.abb.se>
kofax-svr 2424/tcp KOFAX-SVR
kofax-svr 2424/udp KOFAX-SVR
# Terry Reagan <treagan@kofax.com>
fjitsuappmgr 2425/tcp Fujitsu App Manager
fjitsuappmgr 2425/udp Fujitsu App Manager
# Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
# 2426 Unassigned (Removed 2002-04-29)
mgcp-gateway 2427/tcp Media Gateway Control Protocol Gateway
mgcp-gateway 2427/udp Media Gateway Control Protocol Gateway
# Christian Huitema <huitema@research.telcordia.com>
ott 2428/tcp One Way Trip Time
ott 2428/udp One Way Trip Time
# Greg Troxel <gdt@ir.bbn.com>
ft-role 2429/tcp FT-ROLE
ft-role 2429/udp FT-ROLE
# Doug Boone <dboone@atg.CLR.com>
venus 2430/tcp venus
venus 2430/udp venus
venus-se 2431/tcp venus-se
venus-se 2431/udp venus-se
codasrv 2432/tcp codasrv
codasrv 2432/udp codasrv
codasrv-se 2433/tcp codasrv-se
codasrv-se 2433/udp codasrv-se
# Robert Watson <robert@cyrus.watson.org>
pxc-epmap 2434/tcp pxc-epmap
pxc-epmap 2434/udp pxc-epmap
# Jun Nakamura <jnakamur@cp10.es.xerox.com>
optilogic 2435/tcp OptiLogic
optilogic 2435/udp OptiLogic
# Clark Williams <clark@wirespeed.com>
topx 2436/tcp TOP/X
topx 2436/udp TOP/X
# Dragos Pop <dragos@cs.ubbcluj.ro>
unicontrol 2437/tcp UniControl
unicontrol 2437/udp UniControl
# Ing. Markus Huemer <markus.huemer@hsd.at>
msp 2438/tcp MSP
msp 2438/udp MSP
# Evan Caves <evan@acc.com>
sybasedbsynch 2439/tcp SybaseDBSynch
sybasedbsynch 2439/udp SybaseDBSynch

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```

# Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
spearway 2440/tcp Spearway Lockers
spearway 2440/udp Spearway Lockers
# Pierre Frisch <Pierre.Frisch@spearway.com>
pvsw-inet 2441/tcp Pervasive I*net Data Server
pvsw-inet 2441/udp Pervasive I*net Data Server
# Chuck Talk <ctalk@pervasive.com>
netangel 2442/tcp Netangel
netangel 2442/udp Netangel
# Ladislav Baranyay <identcod@identcode.sk>
powerclientcsf 2443/tcp PowerClient Central Storage Facility
powerclientcsf 2443/udp PowerClient Central Storage Facility
# Brian Klassen <Brian.Klassen@Unisys.com>
btp2sectrans 2444/tcp BT PP2 Sectrans
btp2sectrans 2444/udp BT PP2 Sectrans
# Ian Daniels <btexact.ports@bt.com>
dtn1 2445/tcp DTN1
dtn1 2445/udp DTN1
# Bob Gaddie <bobg@dtm.com>
bues_service 2446/tcp bues_service
bues_service 2446/udp bues_service
# Leonhard Diekmann
# <diekmann@04.mstr02.telekom400.dbp.de>
ovwdb 2447/tcp OpenView NNM daemon
ovwdb 2447/udp OpenView NNM daemon
# Eric Pulsipher <eric_pulsipher@fc.hp.com>
hppspsvr 2448/tcp hppspsvr
hppspsvr 2448/udp hppspsvr
# Bridgette Landers <blanders@boi.hp.com>
ratl 2449/tcp RATL
ratl 2449/udp RATL
# Paul Greenfield <paul.greenfield@unisys.com>
netadmin 2450/tcp netadmin
netadmin 2450/udp netadmin
netchat 2451/tcp netchat
netchat 2451/udp netchat
# Julian Mehnle <julian@mehnle.net>
snifferclient 2452/tcp SnifferClient
snifferclient 2452/udp SnifferClient
# Amy Weaver <amy_weaver@nai.com>
madge-ltd 2453/tcp madge ltd
madge-ltd 2453/udp madge ltd
# Mark Lyall <mark.lyall@madge.com>
indx-dds 2454/tcp IndX-DDS
indx-dds 2454/udp IndX-DDS
# Paul Carmichael <paulcarmichael@indx.net>
wago-io-system 2455/tcp WAGO-IO-SYSTEM
wago-io-system 2455/udp WAGO-IO-SYSTEM
# J^rg Hoffmann <electronicc_rd@wago.com>
altav-remmgt 2456/tcp altav-remmgt
altav-remmgt 2456/udp altav-remmgt
# Gary M. Allen <gallen@symantec.com>
rapido-ip 2457/tcp Rapido_IP
rapido-ip 2457/udp Rapido_IP
# Man Shuen Cheung
<man_shuen_cheung@wamnet.co.uk>
griffin 2458/tcp griffin

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```

griffin          2458/udp   griffin
#               Tom Taylor <Tom.Taylor@unisys.com>
community       2459/tcp   Community
community       2459/udp   Community
#               David Schwartz <davids@webmaster.com>
ms-theater      2460/tcp   ms-theater
ms-theater      2460/udp   ms-theater
#               Anton Kucer <akucer@microsoft.com>
qadmifoper      2461/tcp   qadmifoper
qadmifoper      2461/udp   qadmifoper
qadmifevent     2462/tcp   qadmifevent
qadmifevent     2462/udp   qadmifevent
#               Pekka Takaranta <pekka.takaranta@tellabs.fi>
symbios-raid    2463/tcp   Symbios Raid
symbios-raid    2463/udp   Symbios Raid
#               Bill Delaney <bill.delaney@symbios.com>
direcpc-si      2464/tcp   DirecPC SI
direcpc-si      2464/udp   DirecPC SI
#               Doug Dillon <dillon@hns.com>
lbm             2465/tcp   Load Balance Management
lbm             2465/udp   Load Balance Management
lbf             2466/tcp   Load Balance Forwarding
lbf             2466/udp   Load Balance Forwarding
#               Kazuhiro Koide <kaz@pfu.co.jp>
high-criteria   2467/tcp   High Criteria
high-criteria   2467/udp   High Criteria
#               Konstantin Iavid <kiavid@highcriteria.com>
qip-msgd        2468/tcp   qip_msgd
qip-msgd        2468/udp   qip_msgd
#               Mike Morgan <mmorgan@lucent.com>
mti-tcs-comm    2469/tcp   MTI-TCS-COMM
mti-tcs-comm    2469/udp   MTI-TCS-COMM
#               Mario Bonin <boninm@microtempus.com>
taskman-port    2470/tcp   taskman port
taskman-port    2470/udp   taskman port
#               Boris Panteleev <bpanteleev@himel.com>
seaodbc         2471/tcp   SeaODBC
seaodbc         2471/udp   SeaODBC
#               Adrian Hornby <Adrian.Hornby@aran.co.uk>
c3              2472/tcp   C3
c3              2472/udp   C3
#               Eckhard Grieger <e.grieger@com-on.de>
aker-cdp        2473/tcp   Aker-cdp
aker-cdp        2473/udp   Aker-cdp
#               Rodrigo Ormonde <ormonde@aker.com.br>
vitalanalysis   2474/tcp   Vital Analysis
vitalanalysis   2474/udp   Vital Analysis
#               Srinivas Reddy <sreddy@vitalsigns.com>
ace-server      2475/tcp   ACE Server
ace-server      2475/udp   ACE Server
ace-svr-prop    2476/tcp   ACE Server Propagation
ace-svr-prop    2476/udp   ACE Server Propagation
ssm-cvs         2477/tcp   SecurSight Certificate Valifation Service
ssm-cvs         2477/udp   SecurSight Certificate Valifation Service
ssm-cssps      2478/tcp   SecurSight Authentication Server (SSL)
ssm-cssps      2478/udp   SecurSight Authentication Server (SSL)
ssm-els         2479/tcp   SecurSight Event Logging Server (SSL)

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ssm-els          2479/udp    SecurSight Event Logging Server (SSL)
#                John Linn <jlinn@securitydynamics.com>
powerexchange    2480/tcp    Informatica PowerExchange Listener
powerexchange    2480/udp    Informatica PowerExchange Listener
#                Dale Norman <dnorman@informatica.com>
giop             2481/tcp    Oracle GIOP
giop             2481/udp    Oracle GIOP
giop-ssl         2482/tcp    Oracle GIOP SSL
giop-ssl         2482/udp    Oracle GIOP SSL
ttc             2483/tcp    Oracle TTC
ttc             2483/udp    Oracle TTC
ttc-ssl         2484/tcp    Oracle TTC SSL
ttc-ssl         2484/udp    Oracle TTC SSL
#                Chandar Venkataraman <CVENKATA@us.oracle.com>
netobjects1     2485/tcp    Net Objects1
netobjects1     2485/udp    Net Objects1
netobjects2     2486/tcp    Net Objects2
netobjects2     2486/udp    Net Objects2
#                Francois Granade <francois@netobjects.com>
pns             2487/tcp    Policy Notice Service
pns             2487/udp    Policy Notice Service
#                Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
moy-corp        2488/tcp    Moy Corporation
moy-corp        2488/udp    Moy Corporation
#                Gang Gong Moy
tsilb           2489/tcp    TSILB
tsilb           2489/udp    TSILB
#                James Irwin <jimi@travsoft.com>
qip-qdhcp       2490/tcp    qip_qdhcp
qip-qdhcp       2490/udp    qip_qdhcp
#                Mike Morgan <mmorgan@lucent.com>
conclave-cpp    2491/tcp    Conclave CPP
conclave-cpp    2491/udp    Conclave CPP
#                Larry Lipstone <lrl@interdyn.com>
groove          2492/tcp    GROOVE
groove          2492/udp    GROOVE
#                Ray Ozzie <ray@rocks.net>
talarian-mqs    2493/tcp    Talarian MQS
talarian-mqs    2493/udp    Talarian MQS
#                Jim Stabile <jstabile@talarian.com>
bmc-ar          2494/tcp    BMC AR
bmc-ar          2494/udp    BMC AR
#                Portnoy Boxman <portnoy_boxman@bmc.com>
fast-rem-serv   2495/tcp    Fast Remote Services
fast-rem-serv   2495/udp    Fast Remote Services
#                Scott St. Clair <stclair@NTC.ADAPTEC.com>
dirgis          2496/tcp    DIRGIS
dirgis          2496/udp    DIRGIS
#                Deutschland Informations- und
#                Reservierungsgesellschaft mbH <beratung@dirg.de>
quaddb          2497/tcp    Quad DB
quaddb          2497/udp    Quad DB
#                Jeff Rosenthal <jrosenthal@quad-sys.com>
odn-castraq     2498/tcp    ODN-CasTraq
odn-castraq     2498/udp    ODN-CasTraq
#                Richard Hodges <rh@source.net>
unicontrol      2499/tcp    UniControl
```

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unicontrol 2499/udp  UniControl
#                      Ing. Markus Huemer
rtsserv      2500/tcp  Resource Tracking system server
rtsserv      2500/udp  Resource Tracking system server
rtsclient    2501/tcp  Resource Tracking system client
rtsclient    2501/udp  Resource Tracking system client
#
#                      Aubrey Turner
#                      <S95525ta%etsuacad.bitnet@ETSUADMN.ETSU.EDU>
kentrox-prot 2502/tcp  Kentrox Protocol
kentrox-prot 2502/udp  Kentrox Protocol
#
#                      Anil Lakhwara <anil_lakhwara@kentrox.com>
nms-dpnss    2503/tcp  NMS-DPNSS
nms-dpnss    2503/udp  NMS-DPNSS
#
#                      Jean-Christophe Desire
#                      <Jean-Christophe_Desire@NMS-Europe.com>
wlbs         2504/tcp  WLBS
wlbs         2504/udp  WLBS
#
#                      William Bain <bbain@microsoft.com>
ppcontrol    2505/tcp  PowerPlay Control
ppcontrol    2505/udp  PowerPlay Control
#
#                      Max Magliaro <mmagliaro@bnisolutions.com> November
2004
jbroker      2506/tcp  jbroker
jbroker      2506/udp  jbroker
#
#                      Rohit Garg <rohit@objectScape.com>
spock        2507/tcp  spock
spock        2507/udp  spock
#
#                      Jon A. Christopher <jac8792@tamu.edu>
jdatastore   2508/tcp  JDataStore
jdatastore   2508/udp  JDataStore
#
#                      Tod Landis <tlandis@inprise.com>
fjmpss       2509/tcp  fjmpss
fjmpss       2509/udp  fjmpss
#
#                      Makoto Watanabe <makoto@saint.nm.fujitsu.co.jp>
fjappmgrbulk 2510/tcp  fjappmgrbulk
fjappmgrbulk 2510/udp  fjappmgrbulk
#
#                      Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
metastorm    2511/tcp  Metastorm
metastorm    2511/udp  Metastorm
#
#                      Eric Isom <eisom@metastorm.com>
citrixima    2512/tcp  Citrix IMA
citrixima    2512/udp  Citrix IMA
citrixadmin   2513/tcp  Citrix ADMIN
citrixadmin   2513/udp  Citrix ADMIN
#
#                      Myk Willis <myk.willis@citrix.com>
facsys-ntp   2514/tcp  Facsys NTP
facsys-ntp   2514/udp  Facsys NTP
facsys-router 2515/tcp  Facsys Router
facsys-router 2515/udp  Facsys Router
#
#                      Jeff Hoffman <jeffh@facsys.com>
maincontrol   2516/tcp  Main Control
maincontrol   2516/udp  Main Control
#
#                      Nathan Sadia <sadia@maincontrol.com>
call-sig-trans 2517/tcp  H.323 Annex E call signaling transport
call-sig-trans 2517/udp  H.323 Annex E call signaling transport
#
#                      Gur Kimchi <gur.kimchi@vocaltec.com>
willy        2518/tcp  Willy

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willy                2518/udp   Willy
#                   Carl-Johan Wik <cjw@hudsmoar.com>
globmsgsvc 2519/tcp   globmsgsvc
globmsgsvc 2519/udp   globmsgsvc
#                   David Wiltz <dwiltz@hf.intel.com>
pvsw                2520/tcp   Pervasive Listener
pvsw                2520/udp   Pervasive Listener
#                   Chuck Talk <ctalk@pervasive.com>
adaptecmgr 2521/tcp   Adaptec Manager
adaptecmgr 2521/udp   Adaptec Manager
#                   Mark Parenti <map@ntc.adaptec.com>
windb              2522/tcp   WinDb
windb              2522/udp   WinDb
#                   Larry Traylor <larry@arium.com>
qke-llc-v3         2523/tcp   Qke LLC V.3
qke-llc-v3         2523/udp   Qke LLC V.3
#                   Joerg Niehoff <joerg.niehoff@alcatel-ke.de>
optiwave-lm        2524/tcp   Optiwave License Management
optiwave-lm        2524/udp   Optiwave License Management
#                   Slawomir Krzesinski <slavek@optiwave.com>
ms-v-worlds        2525/tcp   MS V-Worlds
ms-v-worlds        2525/udp   MS V-Worlds
#                   Pete Wong <petewong@microsoft.com>
ema-sent-lm        2526/tcp   EMA License Manager
ema-sent-lm        2526/udp   EMA License Manager
#                   Thaddeus Perala <trperala@emaden.com>
iqserver           2527/tcp   IQ Server
iqserver           2527/udp   IQ Server
#                   Nick Straguzzi <Nick_Straguzzi@akbs.com>
ncr_ccl            2528/tcp   NCR CCL
ncr_ccl            2528/udp   NCR CCL
#                   Amitava Dutta <Amitava.Dutta@WoodbridgeNJ.ncr.com>
utsftp             2529/tcp   UTS FTP
utsftp             2529/udp   UTS FTP
#                   David Moore <dmoore@uttc-uts.com>
vrcommerce         2530/tcp   VR Commerce
vrcommerce         2530/udp   VR Commerce
#                   Yosi Mass <yosimass@haifa.vnet.ibm.com>
ito-e-gui          2531/tcp   ITO-E GUI
ito-e-gui          2531/udp   ITO-E GUI
#                   Michael Haeuptle <Michael_Haeuptle@hp.com>
ovtopmd            2532/tcp   OVTOPMD
ovtopmd            2532/udp   OVTOPMD
#                   Eric Pulsipher <eric_pulsipher@hp.com>
snifferserver      2533/tcp   SnifferServer
snifferserver      2533/udp   SnifferServer
#                   Amy Weaver <Amy_Weaver@NAI.com>
combox-web-acc     2534/tcp   Combox Web Access
combox-web-acc     2534/udp   Combox Web Access
#                   Yochai Cohen <yochai@combox.co.il>
madcap             2535/tcp   MADCAP
madcap             2535/udp   MADCAP
#                   Stephen Hanna <steve.hanna@sun.com>
btp2audctrl        2536/tcp   btp2audctrl
btp2audctrl        2536/udp   btp2audctrl
#                   Ian Daniels <btexact.ports@bt.com>
upgrade            2537/tcp   Upgrade Protocol

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upgrade          2537/udp    Upgrade Protocol
#               Breck Auten <bauten@dst-inc.com>
vnwk-prapi      2538/tcp    vnwk-prapi
vnwk-prapi      2538/udp    vnwk-prapi
#               John Hasselkus <Jhasselkus@VisualNetworks.com>
vsiadmin        2539/tcp    VSI Admin
vsiadmin        2539/udp    VSI Admin
#               Rob Juergens <robj@vsi.com>
lonworks        2540/tcp    LonWorks
lonworks        2540/udp    LonWorks
lonworks2       2541/tcp    LonWorks2
lonworks2       2541/udp    LonWorks2
#               Gary Bartlett <garyb@echelon.com>
udrawgraph      2542/tcp    uDraw(Graph)
udrawgraph      2542/udp    uDraw(Graph)
#               University of Bremen, FB3 <udrawgraph@informatik.uni-
bremen.de>
reftek          2543/tcp    REFTEK
reftek          2543/udp    REFTEK
#               Phil Davidson <p.davidson@reftek.com>
novell-zen      2544/tcp    Management Daemon Refresh
novell-zen      2544/udp    Management Daemon Refresh
#               Ty Ellis <tellis@novell.com>
sis-emt         2545/tcp    sis-emt
sis-emt         2545/udp    sis-emt
#               Bill Crawford <Bill.Crawford@securicor.co.uk>
vytalvaultbrtp 2546/tcp    vyalvaultbrtp
vytalvaultbrtp 2546/udp    vyalvaultbrtp
vytalvaultvsm  2547/tcp    vyalvaultvsm
vytalvaultvsm  2547/udp    vyalvaultvsm
vytalvaultpipe 2548/tcp    vyalvaultpipe
vytalvaultpipe 2548/udp    vyalvaultpipe
#               Tim Boldt <timb@vytalnet.com>
ipass           2549/tcp    IPASS
ipass           2549/udp    IPASS
#               Michael Fischer <otterley@Pass.COM>
ads             2550/tcp    ADS
ads             2550/udp    ADS
#               Michael O'Connor <moconnor@adobe.com>
isg-uda-server 2551/tcp    ISG UDA Server
isg-uda-server 2551/udp    ISG UDA Server
#               Dror Harari <Dror.Harari@isgsoft.com>
call-logging    2552/tcp    Call Logging
call-logging    2552/udp    Call Logging
#               Dean Webb <dean.webb@ascend.com>
efidiningport  2553/tcp    efidiningport
efidiningport  2553/udp    efidiningport
#               Lynn Carter <carterl@execpc.com>
vcnet-link-v10 2554/tcp    VCnet-Link v10
vcnet-link-v10 2554/udp    VCnet-Link v10
#               Csaba Mate <mc36@freemail.c3.hu>
compaq-wcp      2555/tcp    Compaq WCP
compaq-wcp      2555/udp    Compaq WCP
#               Ferruccio Barletta <ferruccio.barletta@compaq.com>
nicetec-nmsvc  2556/tcp    nicetec-nmsvc
nicetec-nmsvc  2556/udp    nicetec-nmsvc
nicetec-mgmt    2557/tcp    nicetec-mgmt

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nicetec-mgmt      2557/udp    nicetec-mgmt
#                Joerg Paulus <tech@nicetec.de>
pclemultimedia   2558/tcp    PCLE Multi Media
pclemultimedia   2558/udp    PCLE Multi Media
#                Jacob Gsoedl <jgsoedl@pinnaclesys.com>
lstp             2559/tcp    LSTP
lstp             2559/udp    LSTP
#                Waiki Wright <waiki@us.ibm.com>
labrat           2560/tcp    labrat
labrat           2560/udp    labrat
#                John Harvey <johnbob@austin.ibm.com>
mosaixcc         2561/tcp    MosaixCC
mosaixcc         2561/udp    MosaixCC
#                Steven Frare <stevefr@mosaix.com>
delibo           2562/tcp    Delibo
delibo           2562/udp    Delibo
#                NovaWiz LTD <Moshe@Novawiz.com>
cti-redwood      2563/tcp    CTI Redwood
cti-redwood      2563/udp    CTI Redwood
#                Songwon Chi <swchi@daou.co.kr>
hp-3000-telnet   2564/tcp    HP 3000 NS/VT block mode telnet
#
coord-svr        2565/tcp    Coordinator Server
coord-svr        2565/udp    Coordinator Server
#                Richard Steiger <steiger@ensemblesoft.com>
pcs-pcw          2566/tcp    pcs-pcw
pcs-pcw          2566/udp    pcs-pcw
#                W. Jordan Fitzhugh <jfitz@pcare.com>
clp              2567/tcp    Cisco Line Protocol
clp              2567/udp    Cisco Line Protocol
#                Susan Hinrichs <shinrich@cisco.com>
spamtrap         2568/tcp    SPAM TRAP
spamtrap         2568/udp    SPAM TRAP
#                Chuck Bennett <chuck@benatong.com>
sonuscallsig     2569/tcp    Sonus Call Signal
sonuscallsig     2569/udp    Sonus Call Signal
#                Mark Garti <mgarti@sonusnet.com>
hs-port          2570/tcp    HS Port
hs-port          2570/udp    HS Port
#                Uri Doron <uri@il.netect.com>
cecsvc           2571/tcp    CECSVC
cecsvc           2571/udp    CECSVC
#                Roger Pao <rpao@corder-eng.com>
ibp              2572/tcp    IBP
ibp              2572/udp    IBP
#                Jonathan Downes <jonno@activ.net.au>
trustestablish   2573/tcp    Trust Establish
trustestablish   2573/udp    Trust Establish
#                Yosi Mass <yosimass@haifa.vnet.ibm.com>
blockade-bpsp    2574/tcp    Blockade BPSP
blockade-bpsp    2574/udp    Blockade BPSP
#                VP - Research & Development
<development@blockade.com>
hl7              2575/tcp    HL7
hl7              2575/udp    HL7
#                Tim Jacobs
tclprodebugger   2576/tcp    TCL Pro Debugger

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tclprodebugger 2576/udp   TCL Pro Debugger
scripticslsrvr 2577/tcp   Scriptics Lsrvr
scripticslsrvr 2577/udp   Scriptics Lsrvr
#                               Brent Welch <welch@scriptics.com>
rvs-isdn-dcp   2578/tcp   RVS ISDN DCP
rvs-isdn-dcp   2578/udp   RVS ISDN DCP
#                               Michael Zirpel <mbz@rvscom.com>
mpfoncl        2579/tcp   mpfoncl
mpfoncl        2579/udp   mpfoncl
#                               Itaru Kimura <kimura@kel.fujitsu.co.jp>
tributary      2580/tcp   Tributary
tributary      2580/udp   Tributary
#                               Louis Lu <LouisL@bristol.com>
argis-te       2581/tcp   ARGIS TE
argis-te       2581/udp   ARGIS TE
argis-ds       2582/tcp   ARGIS DS
argis-ds       2582/udp   ARGIS DS
#                               John Legh-Page <john.legh-page@argis.com>
mon            2583/tcp   MON
mon            2583/udp   MON
#                               Jim Trocki <trockij@transmeta.com>
cyaserv        2584/tcp   cyaserv
cyaserv        2584/udp   cyaserv
#                               Morgan Jones <mwj@cyasolutions.com>
netx-server    2585/tcp   NETX Server
netx-server    2585/udp   NETX Server
netx-agent     2586/tcp   NETX Agent
netx-agent     2586/udp   NETX Agent
#                               Brett Dolecheck <Dolecheck@IPMetrics.com>
masc           2587/tcp   MASC
masc           2587/udp   MASC
#                               Pavlin Ivanov Radoslavov
#                               <pavlin@catarina.usc.edu>
privilege      2588/tcp   Privilege
privilege      2588/udp   Privilege
#                               Gil Hecht <GilH@aks.com>
quartus-tcl    2589/tcp   quartus tcl
quartus-tcl    2589/udp   quartus tcl
#                               Subroto Datta <subrotod@altera.com>
idotdist       2590/tcp   idotdist
idotdist       2590/udp   idotdist
#                               Jason Hunter <jthunter@invino.com>
maytagshuffle  2591/tcp   Maytag Shuffle
maytagshuffle  2591/udp   Maytag Shuffle
#                               Ken Ksiazek <kksiazek@maytag.com>
netrek         2592/tcp   netrek
netrek         2592/udp   netrek
#                               Al Guetzlaff aeg@teamquest.com>
mns-mail       2593/tcp   MNS Mail Notice Service
mns-mail       2593/udp   MNS Mail Notice Service
#                               Rumiko Kikuta <kiku@nd.net.fujitsu.co.jp>
dts            2594/tcp   Data Base Server
dts            2594/udp   Data Base Server
#                               Andreas Roene <support@home-online.de>
worldfusion1   2595/tcp   World Fusion 1
worldfusion1   2595/udp   World Fusion 1
worldfusion2   2596/tcp   World Fusion 2

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worldfusion2      2596/udp    World Fusion 2
#                 World Fusion <net@worldfusion.com>
homesteadglory   2597/tcp    Homestead Glory
homesteadglory   2597/udp    Homestead Glory
#                 John Tokash <jtokash@homestead.com>
citriximaclient  2598/tcp    Citrix MA Client
citriximaclient  2598/udp    Citrix MA Client
#                 Myk Willis <myk.willis@citrix.com>
snapd            2599/tcp    Snap Discovery
snapd            2599/udp    Snap Discovery
#                 Kevin Osborn <kosborn@snapappliance.com>
hpstgmgr         2600/tcp    HPSTGMGR
hpstgmgr         2600/udp    HPSTGMGR
#                 Kevin Collins <kevinc@cnd.hp.com>
discp-client     2601/tcp    discp client
discp-client     2601/udp    discp client
discp-server     2602/tcp    discp server
discp-server     2602/udp    discp server
#                 Peter White <peter_white@3com.com>
servicemeter     2603/tcp    Service Meter
servicemeter     2603/udp    Service Meter
#                 Duncan Hare <Duncan.Hare@synoia.com>
nsc-ccs          2604/tcp    NSC CCS
nsc-ccs          2604/udp    NSC CCS
nsc-posa         2605/tcp    NSC POSA
nsc-posa         2605/udp    NSC POSA
#                 Tom Findley <tom.findley@networksciences.net>
netmon           2606/tcp    Dell Netmon
netmon           2606/udp    Dell Netmon
connection       2607/tcp    Dell Connection
connection       2607/udp    Dell Connection
#                 Sudhir Shetty <Sudhir_Shetty@Dell.com>
wag-service      2608/tcp    Wag Service
wag-service      2608/udp    Wag Service
#                 Gilles Bourquard <gbo@wag.ch>
system-monitor   2609/tcp    System Monitor
system-monitor   2609/udp    System Monitor
#                 Greg Robson-Garth <gregr@alphalink.com.au>
versa-tek        2610/tcp    VersaTek
versa-tek        2610/udp    VersaTek
#                 James Kou <Jamesk@versatek.com>
lionhead         2611/tcp    LIONHEAD
lionhead         2611/udp    LIONHEAD
#                 Tim Rance <trance@lionhead.co.uk>
qpasa-agent      2612/tcp    Qpasa Agent
qpasa-agent      2612/udp    Qpasa Agent
#                 Craig Ching <cching@mqsoftware.com>
smntubootstrap  2613/tcp    SMNTUBootstrap
smntubootstrap  2613/udp    SMNTUBootstrap
#                 Matt Cecile <mattc@metrics.com>
neveroffline     2614/tcp    Never Offline
neveroffline     2614/udp    Never Offline
#                 Dustin Brand <amo@amo.net>
firepower        2615/tcp    firepower
firepower        2615/udp    firepower
#                 Jason Volk <jason@teknidude.com>
appswitch-emp    2616/tcp    appswitch-emp
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appswitch-emp    2616/udp    appswitch-emp
#               Ted Ross <ross@TopLayer.com>
cmadmin         2617/tcp    Clinical Context Managers
cmadmin         2617/udp    Clinical Context Managers
#               Mark Morwood <markm@sentillion.com>
priority-e-com  2618/tcp    Priority E-Com
priority-e-com  2618/udp    Priority E-Com
#               Marcelo Einhorn <marcelo@eshbel.com>
bruce           2619/tcp    bruce
bruce           2619/udp    bruce
#               Alec Muffett <alecm@sun.com>
lpsrecommender 2620/tcp    LPSRecommender
lpsrecommender 2620/udp    LPSRecommender
#               Pritham Shetty <pritham@andromedia.com>
miles-apart     2621/tcp    Miles Apart Jukebox Server
miles-apart     2621/udp    Miles Apart Jukebox Server
#               Michael Rathmann <rathmann_ia@milesinfo.com>
metricadb      2622/tcp    MetricaDBC
metricadb      2622/udp    MetricaDBC
#               Russ Olivant <russ.olivant@metrica.co.uk>
lmdp           2623/tcp    LMDP
lmdp           2623/udp    LMDP
#               Ken Bailey <kbailey@rockettalk.com>
aria           2624/tcp    Aria
aria           2624/udp    Aria
#               Logan Bruns <logan@andromedia.com>
blwnkl-port    2625/tcp    Blwnkl Port
blwnkl-port    2625/udp    Blwnkl Port
#               Weng Chin (Winson) Yung <Winson_Yung@3com.com>
gbjd816        2626/tcp    gbjd816
gbjd816        2626/udp    gbjd816
#               George Balesta <George.Baletsa@tfn.com>
moshebeeri    2627/tcp    Moshe Beeri
moshebeeri    2627/udp    Moshe Beeri
#               Moshe Beeri <moshe@whale-com.com>
dict           2628/tcp    DICT
dict           2628/udp    DICT
#               Rik Faith <faith@cs.unc.edu>
sitaraserver   2629/tcp    Sitara Server
sitaraserver   2629/udp    Sitara Server
sitarangmt     2630/tcp    Sitara Management
sitarangmt     2630/udp    Sitara Management
sitaradir      2631/tcp    Sitara Dir
sitaradir      2631/udp    Sitara Dir
#               Manickam R.Sridhar <msridhar@sitaranetworks.com>
irdg-post      2632/tcp    IRdg Post
irdg-post      2632/udp    IRdg Post
#               IRdg, Inc. <jtaylor@irdg.com>
interintelli   2633/tcp    InterIntelli
interintelli   2633/udp    InterIntelli
#               Mike Gagle <MikeG@inter-intelli.com>
pk-electronics 2634/tcp    PK Electronics
pk-electronics 2634/udp    PK Electronics
#               Seb Ibis <seb_ibis@pkworld.com>
backburner     2635/tcp    Back Burner
backburner     2635/udp    Back Burner
#               Kevin Teiskoetter <kevint@metacreations.com>

```

```
solve                2636/tcp    Solve
solve                2636/udp    Solve
#                    Peter Morrison <peter_morrison@sydney.sterling.com>
imdocsvc            2637/tcp    Import Document Service
imdocsvc            2637/udp    Import Document Service
#                    Zia Bhatti <zia@netright.com>
sybaseanywhere      2638/tcp    Sybase Anywhere
sybaseanywhere      2638/udp    Sybase Anywhere
#                    Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
aminet              2639/tcp    AMInet
aminet              2639/udp    AMInet
#                    Alcorn McBride Inc. <jeff@alcorn.com>
sai_sentlm          2640/tcp    Sabbagh Associates Licence Manager
sai_sentlm          2640/udp    Sabbagh Associates Licence Manager
#                    Elias Sabbagh <ehs@sabbagh.com>
hdl-srv             2641/tcp    HDL Server
hdl-srv             2641/udp    HDL Server
#                    David Ely <dely@cnri.reston.va.us>
tragic              2642/tcp    Tragic
tragic              2642/udp    Tragic
#                    Stu Mark <fordii@j51.com>
gte-samp            2643/tcp    GTE-SAMP
gte-samp            2643/udp    GTE-SAMP
#                    Asher Altman <Asher.Altman@GSC.GTE.Com>
travsoft-ipx-t      2644/tcp    Travsoft IPX Tunnel
travsoft-ipx-t      2644/udp    Travsoft IPX Tunnel
#                    Jack Wilson <JackW@travsoft.com>
novell-ipx-cmd      2645/tcp    Novell IPX CMD
novell-ipx-cmd      2645/udp    Novell IPX CMD
#                    Juan Carlos Luciani <jluciani@novell.com>
and-lm              2646/tcp    AND License Manager
and-lm              2646/udp    AND License Manager
#                    Dick van der Sijs <dick@and.nl>
syncserver          2647/tcp    SyncServer
syncserver          2647/udp    SyncServer
#                    Shawn Casey <Shawn.Casey@matrixone.com>
upsnotifyprot       2648/tcp    Upsnotifyprot
upsnotifyprot       2648/udp    Upsnotifyprot
#                    Mario Leboute <leboute@pro.via-rs.com.br>
vpsippport          2649/tcp    VPSIPPORT
vpsippport          2649/udp    VPSIPPORT
#                    Joon Radley <jradley@csir.co.za>
eristwoguns         2650/tcp    eristwoguns
eristwoguns         2650/udp    eristwoguns
#                    NetPro Computing Inc. <ports@netpro.com>
ebinsite            2651/tcp    EBInSite
ebinsite            2651/udp    EBInSite
#                    Lefteris Kalamaras <lefteris@ebi.com>
interpathpanel      2652/tcp    InterPathPanel
interpathpanel      2652/udp    InterPathPanel
#                    Stephen Misel <steve.misel@interpath.net>
sonus                2653/tcp    Sonus
sonus                2653/udp    Sonus
#                    Mark Garti <mgarti@sonusnet.com>
corel_vncadmin      2654/tcp    Corel VNC Admin
corel_vncadmin      2654/udp    Corel VNC Admin
#                    Oleg Noskov <olegn@corelcomputer.com>
```

```

unglue          2655/tcp    UNIX Nt Glue
unglue          2655/udp    UNIX Nt Glue
#              Peter Santoro <peter@pscomp.com>
kana           2656/tcp    Kana
kana           2656/udp    Kana
#              Colin Goldstein <Colin@kana.com>
sns-dispatcher 2657/tcp    SNS Dispatcher
sns-dispatcher 2657/udp    SNS Dispatcher
sns-admin      2658/tcp    SNS Admin
sns-admin      2658/udp    SNS Admin
sns-query      2659/tcp    SNS Query
sns-query      2659/udp    SNS Query
#              Mary Holstege <holstege@firstfloor.com>
gcmonitor      2660/tcp    GC Monitor
gcmonitor      2660/udp    GC Monitor
#              Gustavo Rodriguez-Rivera <grr@geodesic.com>
olhost         2661/tcp    OLHOST
olhost         2661/udp    OLHOST
#              Robert Ripberger <rip@lan-aces.com>
bintec-capi    2662/tcp    BinTec-CAPI
bintec-capi    2662/udp    BinTec-CAPI
bintec-tapi    2663/tcp    BinTec-TAPI
bintec-tapi    2663/udp    BinTec-TAPI
#
patrol-mq-gm   2664/tcp    Patrol for MQ GM
patrol-mq-gm   2664/udp    Patrol for MQ GM
patrol-mq-nm   2665/tcp    Patrol for MQ NM
patrol-mq-nm   2665/udp    Patrol for MQ NM
#              Portnoy Boxman <portnoy_boxman@bmc.com>
extensis      2666/tcp    extensis
extensis      2666/udp    extensis
#              Milton Sagen <msagen@extensis.com>
alarm-clock-s  2667/tcp    Alarm Clock Server
alarm-clock-s  2667/udp    Alarm Clock Server
alarm-clock-c  2668/tcp    Alarm Clock Client
alarm-clock-c  2668/udp    Alarm Clock Client
toad           2669/tcp    TOAD
toad           2669/udp    TOAD
#              Michael Marking <marking@tatanka.com>
tve-announce   2670/tcp    TVE Announce
tve-announce   2670/udp    TVE Announce
#              Dean Blackketter <dean@corp.webtv.net>
newlixreg      2671/tcp    newlixreg
newlixreg      2671/udp    newlixreg
#              Jean-Serge Gagnon <jsg@newlix.com>
nhserver       2672/tcp    nhserver
nhserver       2672/udp    nhserver
#              Adrian Hornby <Adrian.Hornby@aran.co.uk>
firstcall42    2673/tcp    First Call 42
firstcall42    2673/udp    First Call 42
#              Luke Bowen <leb@tfn.com>
ewnn           2674/tcp    ewnn
ewnn           2674/udp    ewnn
#              Yasunari Yamashita <yamasita@omronsoft.co.jp>
ttc-etap       2675/tcp    TTC ETAP
ttc-etap       2675/udp    TTC ETAP
#              Daniel Becker <becker2d@ttc.com>

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```
simslink 2676/tcp SIMSLink
simslink 2676/udp SIMSLink
# Steve Ryckman <iana@simsware.com>
gadgetgatelway 2677/tcp Gadget Gate 1 Way
gadgetgatelway 2677/udp Gadget Gate 1 Way
gadgetgate2way 2678/tcp Gadget Gate 2 Way
gadgetgate2way 2678/udp Gadget Gate 2 Way
# Matt Rollins <matt@anybusiness.com>
syncserverssl 2679/tcp Sync Server SSL
syncserverssl 2679/udp Sync Server SSL
# Shawn Casey <Shawn.Casey@matrixone.com>
pxc-sapxom 2680/tcp pxc-sapxom
pxc-sapxom 2680/udp pxc-sapxom
# Hideki Kiriyama <kiriyama@cp10.es.xerox.com>
mpnjsomb 2681/tcp mpnjsomb
mpnjsomb 2681/udp mpnjsomb
# Takenori Miyahara <miyahara@pfu.co.jp>
# 2682 Removed (2002-04-30)
ncdloadbalance 2683/tcp NCDLoadBalance
ncdloadbalance 2683/udp NCDLoadBalance
# Tim Stevenson <tes@ncd.com>
mpnjsosv 2684/tcp mpnjsosv
mpnjsosv 2684/udp mpnjsosv
mpnjsocl 2685/tcp mpnjsocl
mpnjsocl 2685/udp mpnjsocl
mpnjsomg 2686/tcp mpnjsomg
mpnjsomg 2686/udp mpnjsomg
# Takenori Miyahara <miyahara@pfu.co.jp>
pq-lic-mgmt 2687/tcp pq-lic-mgmt
pq-lic-mgmt 2687/udp pq-lic-mgmt
# Bob Sledge <bob@pqsystems.com>
md-cg-http 2688/tcp md-cf-http
md-cg-http 2688/udp md-cf-http
# Lyndon Nerenberg <lyndon@execmail.ca>
fastlynx 2689/tcp FastLynx
fastlynx 2689/udp FastLynx
# Dave Sewell <dave@sewelldev.com>
hp-nnm-data 2690/tcp HP NNM Embedded Database
hp-nnm-data 2690/udp HP NNM Embedded Database
# Chris Das <cdas@cnd.hp.com>
itinternet 2691/tcp ITInternet ISM Server
itinternet 2691/udp ITInternet ISM Server
# Ron Ehli <ron@itinternet.net>
admins-lms 2692/tcp Admins LMS
admins-lms 2692/udp Admins LMS
# Dagfinn Saether <Dagfinn@admins.com>
# 2693/tcp Unassigned (Removed 2004-2-6)
# 2693/udp
#
pwrsevent 2694/tcp pwrsevent
pwrsevent 2694/udp pwrsevent
# Yoshinobu Nakamura
# <nakamura@np.lps.cs.fujitsu.co.jp>
vspread 2695/tcp VSPREAD
vspread 2695/udp VSPREAD
# Sumitake kobayashi
# <kobayashi@np.lps.cs.fujitsu.co.jp>
```

```
unifyadmin      2696/tcp    Unify Admin
unifyadmin      2696/udp    Unify Admin
#              Duane Gibson <ianaportmaster@unify.com>
oce-snmpt-trap  2697/tcp    Oce SNMP Trap Port
oce-snmpt-trap  2697/udp    Oce SNMP Trap Port
#              Peter Teeuwen <ptee@oce.nl>
mck-ivpip       2698/tcp    MCK-IVPIP
mck-ivpip       2698/udp    MCK-IVPIP
#              Robert Vincent <bert@mck.com>
csoft-plusclnt  2699/tcp    Csoft Plus Client
csoft-plusclnt  2699/udp    Csoft Plus Client
#              Nedelcho Stanev <nstanev@csoft.bg>
tqdata          2700/tcp    tqdata
tqdata          2700/udp    tqdata
#              Al Guetzlaff <aeg@teamquest.com>
sms-rcinfo      2701/tcp    SMS RCINFO
sms-rcinfo      2701/udp    SMS RCINFO
sms-xfer        2702/tcp    SMS XFER
sms-xfer        2702/udp    SMS XFER
sms-chat        2703/tcp    SMS CHAT
sms-chat        2703/udp    SMS CHAT
sms-remctrl     2704/tcp    SMS REMCTRL
sms-remctrl     2704/udp    SMS REMCTRL
#              Tom Friend <tomfr@microsoft.com>
sds-admin       2705/tcp    SDS Admin
sds-admin       2705/udp    SDS Admin
#              Don Traub <don.traub@sun.com>
ncdmirroring    2706/tcp    NCD Mirroring
ncdmirroring    2706/udp    NCD Mirroring
#              Tim Stevenson <tes@ncd.com>
emcsymapiport   2707/tcp    EMCSYMAPIPORT
emcsymapiport   2707/udp    EMCSYMAPIPORT
#              Bruce Ferjulian <ferjulian_bruce@emc.com>
banyan-net      2708/tcp    Banyan-Net
banyan-net      2708/udp    Banyan-Net
#              R. Thirumurthy <rtm@banyannetworks.com>
supermon        2709/tcp    Supermon
supermon        2709/udp    Supermon
#              Ron Minnich <rminnich@acl.lanl.gov>
sso-service     2710/tcp    SSO Service
sso-service     2710/udp    SSO Service
sso-control     2711/tcp    SSO Control
sso-control     2711/udp    SSO Control
#              Axel Kern <axel.kern@betasystems.com>
aocp            2712/tcp    Axapta Object Communication Protocol
aocp            2712/udp    Axapta Object Communication Protocol
#              Jakob Steen Hansen <jsh@dk.damgaard.com>
raven1          2713/tcp    Raven1
raven1          2713/udp    Raven1
raven2          2714/tcp    Raven2
raven2          2714/udp    Raven2
#              Daniel Sorlov <Daniel@sorlov.com>
hpstgmgr2       2715/tcp    HPSTGMGR2
hpstgmgr2       2715/udp    HPSTGMGR2
#              Kevin Collins <kevinc@cnd.hp.com>
inova-ip-disco  2716/tcp    Inova IP Disco
inova-ip-disco  2716/udp    Inova IP Disco
```

```

#           Chris Koeritz <ckoeritz@inovacorp.com>
pn-requester 2717/tcp  PN REQUESTER
pn-requester 2717/udp  PN REQUESTER
pn-requester2 2718/tcp  PN REQUESTER 2
pn-requester2 2718/udp  PN REQUESTER 2
#           Portnoy Boxman <portnoy_boxman@bmc.com>
scan-change 2719/tcp  Scan & Change
scan-change 2719/udp  Scan & Change
#           Alexander Raji <araji@lucent.com>
wkars        2720/tcp  wkars
wkars        2720/udp  wkars
#           Barry Shelton <bshelton@wirelessknowledge.com>
smart-diagnose 2721/tcp  Smart Diagnose
smart-diagnose 2721/udp  Smart Diagnose
#           Geoffrey Meek <geoff@meek.com>
proactivesrvr 2722/tcp  Proactive Server
proactivesrvr 2722/udp  Proactive Server
#           Dalit Naor <dalit@il.ibm.com>
watchdognt 2723/tcp  WatchDog NT
watchdognt 2723/udp  WatchDog NT
#           Glen Sansoucie <glens@llmwin.com>
qotps        2724/tcp  qotps
qotps        2724/udp  qotps
#           Piotr Parlewicz <pparlewicz@queryobject.com>
msolap-ptp2 2725/tcp  MSOLAP PTP2
msolap-ptp2 2725/udp  MSOLAP PTP2
#           Cristian Petculescu <crisp@microsoft.com>
tams         2726/tcp  TAMS
tams         2726/udp  TAMS
#           David Leinbach <dleinbach@jti.bc.ca>
mgcp-callagent 2727/tcp  Media Gateway Control Protocol Call Agent
mgcp-callagent 2727/udp  Media Gateway Control Protocol Call Agent
#           Christian Huitema <huitema@research.telcordia.com>
sqdr         2728/tcp  SQDR
sqdr         2728/udp  SQDR
#           Matthew Orzen <standards@starquest.com>
tcim-control 2729/tcp  TCIM Control
tcim-control 2729/udp  TCIM Control
#           Dean Skelton <mdskel@ftw.rsc.raytheon.com>
nec-raidplus 2730/tcp  NEC RaidPlus
nec-raidplus 2730/udp  NEC RaidPlus
#           Yusuke Asai <yasai@nw1.file.fc.nec.co.jp>
fyre-messenger 2731/tcp  Fyre Messenger
fyre-messenger 2731/udp  Fyre Messagner
#           Robert Waters <bobtek@hotmail.com>
g5m          2732/tcp  G5M
g5m          2732/udp  G5M
#           Graham Klyne <GK@ACM.ORG>
signet-ctf 2733/tcp  Signet CTF
signet-ctf 2733/udp  Signet CTF
#           Greg Broiles <greg@sac.net>
ccs-software 2734/tcp  CCS Software
ccs-software 2734/udp  CCS Software
#           Bertus Jacobs <bertus@ccs-software.co.za>
netiq-mc     2735/tcp  NetIQ Monitor Console
netiq-mc     2735/udp  NetIQ Monitor Console
#           Scott Southard <scott.southard@netiq.com>

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```
radwiz-nms-srv 2736/tcp RADWIZ NMS SRV
radwiz-nms-srv 2736/udp RADWIZ NMS SRV
# Israel Shainert <israels@209.88.177.2>
srp-feedback 2737/tcp SRP Feedback
srp-feedback 2737/udp SRP Feedback
# Werner Almesberger <Werner.Almesberger@epfl.ch>
ndl-tcp-ois-gw 2738/tcp NDL TCP-OSI Gateway
ndl-tcp-ois-gw 2738/udp NDL TCP-OSI Gateway
# Martin Norman <martin@ndl.co.uk>
tn-timing 2739/tcp TN Timing
tn-timing 2739/udp TN Timing
# Paul Roberts <PaulRoberts@engineer.com>
alarm 2740/tcp Alarm
alarm 2740/udp Alarm
# Uriy Makasjuk <racer@bfpg.ru>
tsb 2741/tcp TSB
tsb 2741/udp TSB
tsb2 2742/tcp TSB2
tsb2 2742/udp TSB2
# Ashish Chatterjee
# <achatterjee@freeway.proxy.lucent.com>
murx 2743/tcp murx
murx 2743/udp murx
# Thomas Kuiper <tkuiper@inxsoft.net>
honyaku 2744/tcp honyaku
honyaku 2744/udp honyaku
# Yasunari Yamashita <yamasita@omronsoft.co.jp>
urbisnet 2745/tcp URBISNET
urbisnet 2745/udp URBISNET
# Urbis.Net Ltd <postmaster@urbis.net>
cpudpencap 2746/tcp CPUDPENCAP
cpudpencap 2746/udp CPUDPENCAP
# Tamir Zegman <zegman@checkpoint.com>
fjippol-swrly 2747/tcp
fjippol-swrly 2747/udp
fjippol-polsvr 2748/tcp
fjippol-polsvr 2748/udp
fjippol-cnsl 2749/tcp
fjippol-cnsl 2749/udp
fjippol-port1 2750/tcp
fjippol-port1 2750/udp
fjippol-port2 2751/tcp
fjippol-port2 2751/udp
# Shoichi Tachibana <tatibana@yk.fujitsu.co.jp>
rsisysaccess 2752/tcp RSISYS ACCESS
rsisysaccess 2752/udp RSISYS ACCESS
# Christophe Besant
de-spot 2753/tcp de-spot
de-spot 2753/udp de-spot
# Sanjay Parekh <spot@digitalenvoy.net>
apollo-cc 2754/tcp APOLLO CC
apollo-cc 2754/udp APOLLO CC
# Brand Communications <donovan@brandcomms.com>
expresspay 2755/tcp Express Pay
expresspay 2755/udp Express Pay
# Ben Higgins <bhiggins@netcom.ca>
simplement-tie 2756/tcp simplement-tie
```

```
simplement-tie 2756/udp  simplement-tie
#                Tzvika Chumash <tzvikac@netvision.net.il>
cnrp           2757/tcp   CNRP
cnrp           2757/udp   CNRP
#                Jacob Ulmert <Jacob.Ulmert@se.abb.com>
apollo-status 2758/tcp   APOLLO Status
apollo-status 2758/udp   APOLLO Status
apollo-gms    2759/tcp   APOLLO GMS
apollo-gms    2759/udp   APOLLO GMS
#                Simon Hovell <simonh@brandcomms.com>
sabams        2760/tcp   Saba MS
sabams        2760/udp   Saba MS
#                Davoud Maha <dmaha@saba.com>
dicom-iscl   2761/tcp   DICOM ISCL
dicom-iscl   2761/udp   DICOM ISCL
dicom-tls    2762/tcp   DICOM TLS
dicom-tls    2762/udp   DICOM TLS
#                Lawrence Tarbox <ltarbox@scr.siemens.com>
desktop-dna  2763/tcp   Desktop DNA
desktop-dna  2763/udp   Desktop DNA
#                Jon Walker <jwalker@miramarsys.com>
data-insurance 2764/tcp   Data Insurance
data-insurance 2764/udp   Data Insurance
#                Brent Irwin <birwin@standard.com>
qip-audup    2765/tcp   qip-audup
qip-audup    2765/udp   qip-audup
#                Mike Morgan <mmorgan@lucent.com>
compaq-scp   2766/tcp   Compaq SCP
compaq-scp   2766/udp   Compaq SCP
#                Ferruccio Barletta <ferruccio.barletta@compaq.com>
uadtc        2767/tcp   UADTC
uadtc        2767/udp   UADTC
uacs         2768/tcp   UACS
uacs         2768/udp   UACS
#                Vishwas Lele <Vishwas_Lele@appliedis.com>
exce         2769/tcp   eXcE
exce         2769/udp   eXcE
#                Norm Freedman <normfree@san.rr.com>
veronica     2770/tcp   Veronica
veronica     2770/udp   Veronica
#                Jonas Oberg <jonas@coyote.org>
vergencecm   2771/tcp   Vergence CM
vergencecm   2771/udp   Vergence CM
#                Mark Morwood <markm@sentillion.com>
auris        2772/tcp   auris
auris        2772/udp   auris
#                Francisco Saez Arance <fsaez@tid.es>
rbakcup1     2773/tcp   RBackup Remote Backup
rbakcup1     2773/udp   RBackup Remote Backup
rbakcup2     2774/tcp   RBackup Remote Backup
rbakcup2     2774/udp   RBackup Remote Backup
#                Rob Cosgrove <rob@alice.net>
smpp         2775/tcp   SMPP
smpp         2775/udp   SMPP
#                Owen Sullivan <owen.sullivan@aldiscon.ie>
ridgeway1    2776/tcp   Ridgeway Systems & Software
ridgeway1    2776/udp   Ridgeway Systems & Software
```



```

ridgeway2 2777/tcp   Ridgeway Systems & Software
ridgeway2 2777/udp   Ridgeway Systems & Software
#                               Steve Read <sread@ridgeway-sys.com>
gwen-sonya 2778/tcp   Gwen-Sonya
gwen-sonya 2778/udp   Gwen-Sonya
#                               Mark Hurst <mhurst@inconnect.com>
lbc-sync   2779/tcp   LBC Sync
lbc-sync   2779/udp   LBC Sync
lbc-control 2780/tcp   LBC Control
lbc-control 2780/udp   LBC Control
#                               Keiji Michine <michine@net.paso.fujitsu.co.jp>
whosells   2781/tcp   whosells
whosells   2781/udp   whosells
#                               William Randolph Royere III
#                               <william@royere.net>
everydayrc 2782/tcp   everydayrc
everydayrc 2782/udp   everydayrc
#                               Ahti Heinla <ahti@ahti.bluemoon.ee>
aises      2783/tcp   AISES
aises      2783/udp   AISES
#                               Daniel Grazioli <dgrazioli@pgaero.co.uk>
www-dev    2784/tcp   world wide web - development
www-dev    2784/udp   world wide web - development
aic-np     2785/tcp   aic-np
aic-np     2785/udp   aic-np
#                               Brad Parker <brad@american.com>
aic-oncrpc 2786/tcp   aic-oncrpc - Destiny MCD database
aic-oncrpc 2786/udp   aic-oncrpc - Destiny MCD database
#                               Brad Parker <brad@american.com>
piccolo    2787/tcp   piccolo - Cornerstone Software
piccolo    2787/udp   piccolo - Cornerstone Software
#                               Dave Bellivea <DaveBelliveau@corsof.com>
fryeserv   2788/tcp   NetWare Loadable Module - Seagate Software
fryeserv   2788/udp   NetWare Loadable Module - Seagate Software
#                               Joseph LoPilato
#                               <Joseph_M_LoPilato@notes.seagate.com>
media-agent 2789/tcp   Media Agent
media-agent 2789/udp   Media Agent
#                               Nitzan Daube <nitzan@brm.com>
plgproxy   2790/tcp   PLG Proxy
plgproxy   2790/udp   PLG Proxy
#                               Charlie Hava <charlieh@aks.com>
mtpport-regist 2791/tcp   MT Port Registrar
mtpport-regist 2791/udp   MT Port Registrar
#                               Maxim Tseitlin <mtseitlin@iname.com>
f5-globalsite 2792/tcp   f5-globalsite
f5-globalsite 2792/udp   f5-globalsite
#                               Christian Saether <c.saether@f5.com>
initlsmsad 2793/tcp   initlsmsad
initlsmsad 2793/udp   initlsmsad
#                               Kelly Green <green@compaq.com>
#                               2794   Unassigned (Removed 2006-12-04)
livestats  2795/tcp   LiveStats
livestats  2795/udp   LiveStats
#                               Chris Greene <cgreeneOA@avidports.com>
ac-tech    2796/tcp   ac-tech
ac-tech    2796/udp   ac-tech

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```

#           Chiming Huang <chuang@ac-tech.com>
esp-encap  2797/tcp   esp-encap
esp-encap  2797/udp   esp-encap
#           Jorn Sierwald <joern.sierwald@datafellows.com>
tmesis-upshot  2798/tcp   TMESIS-UPShot
tmesis-upshot  2798/udp   TMESIS-UPShot
#           Brian Schenkenberger <VAXman@TMESIS.COM>
icon-discover  2799/tcp   ICON Discover
icon-discover  2799/udp   ICON Discover
#           Alexander Falk <falk@icon.at>
acc-raid      2800/tcp   ACC RAID
acc-raid      2800/udp   ACC RAID
#           Scott St. Clair <stclair@ntc.adaptec.com>
igcp          2801/tcp   IGCP
igcp          2801/udp   IGCP
#           David Hampson <davidha@codemasters.com>
veritas-tcp1  2802/tcp   Veritas TCP1
veritas-udp1  2802/udp   Veritas UDP1
#           Russ Thrasher <Russell.Thrasher@veritas.com>
btprjctrl    2803/tcp   btprjctrl
btprjctrl    2803/udp   btprjctrl
#           Huw Thomas <huw.thomas@bt.com>
dvr-esm      2804/tcp   March Networks Digital Video Recorders and
Enterprise Service Manager products
dvr-esm      2804/udp   March Networks Digital Video Recorders and Enterprise
Service Manager products
#           Paul Streach <pstreach@marchnetworks.com> June 2004
wta-wsp-s    2805/tcp   WTA WSP-S
wta-wsp-s    2805/udp   WTA WSP-S
#           Sebastien Bury (WAP Forum)
#           <sebastien.bury@art.alcatel.fr>
cspuni       2806/tcp   cspuni
cspuni       2806/udp   cspuni
cspmulti     2807/tcp   cspmulti
cspmulti     2807/udp   cspmulti
#           Terumasa Yoneda <yonedat@pfu.co.jp>
j-lan-p      2808/tcp   J-LAN-P
j-lan-p      2808/udp   J-LAN-P
#           Takeshi Sahara <sahara@jdl.co.jp>
corbaloc     2809/tcp   CORBA LOC
corbaloc     2809/udp   CORBA LOC
#           Ted McFadden <mcfadden@dstc.edu.au>
netsteward   2810/tcp   Active Net Steward
netsteward   2810/udp   Active Net Steward
#           Keith Morley <keith@ndl.co.uk>
gsiftp       2811/tcp   GSI FTP
gsiftp       2811/udp   GSI FTP
#           Von Welch <vwelch@ncsa.uiuc.edu>
atmtcp       2812/tcp   atmtcp
atmtcp       2812/udp   atmtcp
#           Werner Almesberger <Werner.Almesberger@epfl.ch>
llm-pass     2813/tcp   llm-pass
llm-pass     2813/udp   llm-pass
llm-csv      2814/tcp   llm-csv
llm-csv      2814/udp   llm-csv
#           Glen Sansoucie <glen@llmwin.com>
lbc-measure  2815/tcp   LBC Measurement

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lbc-measure      2815/udp    LBC Measurement
lbc-watchdog    2816/tcp    LBC Watchdog
lbc-watchdog    2816/udp    LBC Watchdog
#               Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
nmsigport       2817/tcp    NMSig Port
nmsigport       2817/udp    NMSig Port
#               Peter Egli <peter.egli@mail.inalp.com>
rmlnk           2818/tcp    rmlnk
rmlnk           2818/udp    rmlnk
fc-faultnotify  2819/tcp    FC Fault Notification
fc-faultnotify  2819/udp    FC Fault Notification
#               Dave Watkins <davew@boi.hp.com>
univision       2820/tcp    UniVision
univision       2820/udp    UniVision
#               Keith Ansell <KeithA@fastfreenet.com>
vrts-at-port    2821/tcp    VERITAS Authentication Service
vrts-at-port    2821/udp    VERITAS Authentication Service
#               Stefan Winkel <stefan@veritas.com>
ka0wuc          2822/tcp    ka0wuc
ka0wuc          2822/udp    ka0wuc
#               Kit Haskins <kit@ka0wuc.org>
cqg-netlan      2823/tcp    CQG Net/LAN
cqg-netlan      2823/udp    CQG Net/LAN
cqg-netlan-1    2824/tcp    CQG Net/LAN 1
cqg-netlan-1    2824/udp    CQG Net/Lan 1
#               Jeff Wood <jw@cqg.com>
#               2825      (unassigned) Possibly assigned
slc-systemlog   2826/tcp    slc systemlog
slc-systemlog   2826/udp    slc systemlog
slc-ctrlrloops  2827/tcp    slc ctrlrloops
slc-ctrlrloops  2827/udp    slc ctrlrloops
#               Erwin Hogeweg <erwin@airtech.demon.nl>
itm-lm          2828/tcp    ITM License Manager
itm-lm          2828/udp    ITM License Manager
#               Portnoy Boxman <portnoy_boxman@bmc.com>
silkp1          2829/tcp    silkp1
silkp1          2829/udp    silkp1
silkp2          2830/tcp    silkp2
silkp2          2830/udp    silkp2
silkp3          2831/tcp    silkp3
silkp3          2831/udp    silkp3
silkp4          2832/tcp    silkp4
silkp4          2832/udp    silkp4
#               Erik Skyten <eki@silknet.com>
glishd          2833/tcp    glishd
glishd          2833/udp    glishd
#               Darrell Schiebel <dschieb@cv.nrao.edu>
evtp            2834/tcp    EVTP
evtp            2834/udp    EVTP
evtp-data       2835/tcp    EVTP-DATA
evtp-data       2835/udp    EVTP-DATA
#               Eric Bruno <ebruno@solution-soft.com>
catalyst        2836/tcp    catalyst
catalyst        2836/udp    catalyst
#               Garret Tollkuhn <garret@multiviewgroup.com>
repliweb        2837/tcp    Repliweb
repliweb        2837/udp    Repliweb

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#           William Orme <bill@repliweb.com>
starbot    2838/tcp   Starbot
starbot    2838/udp   Starbot
#           Markus Sabadello <sabadello@starbot.org>
nmsigport  2839/tcp   NMSigPort
nmsigport  2839/udp   NMSigPort
#           Peter Egli <peter.egli@mail.inalp.com>
l3-exprt   2840/tcp   l3-exprt
l3-exprt   2840/udp   l3-exprt
l3-ranger  2841/tcp   l3-ranger
l3-ranger  2841/udp   l3-ranger
l3-hawk    2842/tcp   l3-hawk
l3-hawk    2842/udp   l3-hawk
#           Dolores Scott <dolores.scott@l-3security.com>
pdnet      2843/tcp   PDnet
pdnet      2843/udp   PDnet
#           Torsten Scheffler <pdnetadmin@pdnet.info>
bpcp-poll  2844/tcp   BPCP POLL
bpcp-poll  2844/udp   BPCP POLL
bpcp-trap  2845/tcp   BPCP TRAP
bpcp-trap  2845/udp   BPCP TRAP
#           Steve Van Duser
<steve.vanduser@bestpower.gensig.com>
aimpp-hello 2846/tcp   AIMPP Hello
aimpp-hello 2846/udp   AIMPP Hello
aimpp-port-req 2847/tcp   AIMPP Port Req
aimpp-port-req 2847/udp   AIMPP Port Req
#           Brian Martinicky
#           <Brian_Martinicky@automationintelligence.com>
amt-blc-port 2848/tcp   AMT-BLC-PORT
amt-blc-port 2848/udp   AMT-BLC-PORT
#           Sandra Frulloni <frulloni.amtec@interbusiness.it>
fxp         2849/tcp   FXP
fxp         2849/udp   FXP
#           Martin Lichtin <lichtin@oanda.com>
metaconsole 2850/tcp   MetaConsole
metaconsole 2850/udp   MetaConsole
#           Rakesh Mahajan <rmahajan@netaphor-software.com>
webemshttp 2851/tcp   webemshttp
webemshttp 2851/udp   webemshttp
#           Stephen Tsun <stsun@jetstream.com>
bears-01    2852/tcp   bears-01
bears-01    2852/udp   bears-01
#           Bruce McKinnon <brucemck@bears.aust.com>
ispipes     2853/tcp   ISPipes
ispipes     2853/udp   ISPipes
#           Rajesh Nandyalam <rnandyal@emc.com>
infomover   2854/tcp   InfoMover
infomover   2854/udp   InfoMover
#           Carla Caputo <caputo@emc.com>
#           2855           Unassigned
cesdinv     2856/tcp   cesdinv
cesdinv     2856/udp   cesdinv
#           Yoshiaki Tokumoto <toku@pfu.co.jp>
simctlp     2857/tcp   SimCtIP
simctlp     2857/udp   SimCtIP
#           Christian Zietz <czietz@gmx.net>

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ecnp      2858/tcp    ECNP
ecnp      2858/udp    ECNP
#          Robert Reimiller <bob@certsoft.com>
activememory 2859/tcp    Active Memory
activememory 2859/udp    Active Memory
#          Joe Graham <joe@edaconsulting.com>
dialpad-voice1 2860/tcp    Dialpad Voice 1
dialpad-voice1 2860/udp    Dialpad Voice 1
dialpad-voice2 2861/tcp    Dialpad Voice 2
dialpad-voice2 2861/udp    Dialpad Voice 2
#          Wongyu Cho <wgcho@dialpad.com>
ttg-protocol 2862/tcp    TTG Protocol
ttg-protocol 2862/udp    TTG Protocol
#          Mark Boler <markb@ttgsoftware.com>
sonardata 2863/tcp    Sonar Data
sonardata 2863/udp    Sonar Data
#          Ian Higginbottom <sonardata@sonardata.com>
astromed-main 2864/tcp    main 5001 cmd
astromed-main 2864/udp    main 5001 cmd
#          Chris Tate <ctate@astromed.com>
pit-vpn      2865/tcp    pit-vpn
pit-vpn      2865/udp    pit-vpn
#          Norbert Sendetzky <norbert@linuxnetworks.de>
iwlistener 2866/tcp    iwlistener
iwlistener 2866/udp    iwlistener
#          Fred Surr <quest_iana@oz.quest.com>
esps-portal 2867/tcp    esps-portal
esps-portal 2867/udp    esps-portal
#          Nicholas Stowfis <nstowfis@esps.com>
npep-messaging 2868/tcp    NPEP Messaging
npep-messaging 2868/udp    NPEP Messaging
#          Kristian A. Bognaes <kbo@norman.no>
icslap      2869/tcp    ICSLAP
icslap      2869/udp    ICSLAP
#          Richard Lamb <rlamb@microsoft.com>
daishi      2870/tcp    daishi
daishi      2870/udp    daishi
#          Patrick Chipman <pchipman@memphis.edu>
msi-selectplay 2871/tcp    MSI Select Play
msi-selectplay 2871/udp    MSI Select Play
#          Paul Fonte <paul_fonte@mediastation.com>
radix       2872/tcp    RADIX
radix       2872/udp    RADIX
#          Stein Roger Skaflothen
#          <sskaflot@online.no>
#          2873      Unassigned (Removed 2003-07-23)
dxmessagebase1 2874/tcp    dxmessagebase1
dxmessagebase1 2874/udp    dxmessagebase1
dxmessagebase2 2875/tcp    dxmessagebase2
dxmessagebase2 2875/udp    dxmessagebase2
#          Ozz Nixon <root@delphix.com>
sps-tunnel 2876/tcp    SPS Tunnel
sps-tunnel 2876/udp    SPS Tunnel
#          Bill McIntosh <bmcintosh@fortresstech.com>
bluelance 2877/tcp    BLUELANCE
bluelance 2877/udp    BLUELANCE
#          Michael Padrezas <mpaderzas@bluelance.com>
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aap          2878/tcp    AAP
aap          2878/udp    AAP
#           Stephen Hanna <steve.hanna@sun.com>
ucentric-ds 2879/tcp    ucentric-ds
ucentric-ds 2879/udp    ucentric-ds
#           Alex Vasilevsky <alexv@204.165.216.115>
synapse     2880/tcp    Synapse Transport
synapse     2880/udp    Synapse Transport
#           Ali Fracyon <sxdev@modulardreams.com>
ndsp        2881/tcp    NDSP
ndsp        2881/udp    NDSP
ndtp        2882/tcp    NDTP
ndtp        2882/udp    NDTP
ndnp        2883/tcp    NDNP
ndnp        2883/udp    NDNP
#           Khelben Blackstaff <khelben@gmx.at>
flashmsg    2884/tcp    Flash Msg
flashmsg    2884/udp    Flash Msg
#           Jeffrey Zinkerman <jeff@zinknet.com>
topflow     2885/tcp    TopFlow
topflow     2885/udp    TopFlow
#           Ted Ross <ross@toplayer.com>
responselogic 2886/tcp    RESPONSELOGIC
responselogic 2886/udp    RESPONSELOGIC
#           Bruce Casey <bcasey@responselogic.com>
aironetddp 2887/tcp    aironet
aironetddp 2887/udp    aironet
#           Victor Griswold <vgris@aironet.com>
spcsdlobby 2888/tcp    SPCSDLOBBY
spcsdlobby 2888/udp    SPCSDLOBBY
#           Matthew Williams <SPCsd_MWDD@hotmail.com>
rsom        2889/tcp    RSOM
rsom        2889/udp    RSOM
#           Justine Higgins <iana@corsof.com>
cspclmulti 2890/tcp    CSPCLMULTI
cspclmulti 2890/udp    CSPCLMULTI
#           Yoneda Terumasa <yonedat@pfu.co.jp>
cinegrfx-elmd 2891/tcp    CINEGRFX-ELMD License Manager
cinegrfx-elmd 2891/udp    CINEGRFX-ELMD License Manager
#           Greg Ercolano <erco@cinegrfx.com>
snifferdata 2892/tcp    SNIFFERDATA
snifferdata 2892/udp    SNIFFERDATA
#           Jeff Mangasarian <jeffrey_mangasarian@nai.com>
vseconnector 2893/tcp    VSECONNECTOR
vseconnector 2893/udp    VSECONNECTOR
#           Ingo Franzki <ifranzki@de.ibm.com>
abacus-remote 2894/tcp    ABACUS-REMOTE
abacus-remote 2894/udp    ABACUS-REMOTE
#           Mike Bello <mbello@zarak.com>
natuslink   2895/tcp    NATUS LINK
natuslink   2895/udp    NATUS LINK
#           Jonathan Mergy <mergy@natus.com>
ecovisiong6-1 2896/tcp    ECOVISIONG6-1
ecovisiong6-1 2896/udp    ECOVISIONG6-1
#           Henrik Holst <henrik.holst@ecovision.se>
citrix-rtmp 2897/tcp    Citrix RTMP
citrix-rtmp 2897/udp    Citrix RTMP

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#                               Myk Willis <myk.willis@citrix.com>
appliance-cfg 2898/tcp  APPLIANCE-CFG
appliance-cfg 2898/udp  APPLIANCE-CFG
#                               Gary A. James <gary.james@criticallink.com>
powergemplus 2899/tcp  POWERGEMPLUS
powergemplus 2899/udp  POWERGEMPLUS
#                               Koich Nakamura <naka@case.nm.fujitsu.co.jp>
quicksuite   2900/tcp  QUICKSUITE
quicksuite   2900/udp  QUICKSUITE
#                               William Egge <begge@emagisoft.com>
allstorcns   2901/tcp  ALLSTORCNS
allstorcns   2901/udp  ALLSTORCNS
#                               Steve Dobson <sdobson@allstor.com>
netaspi      2902/tcp  NET ASPI
netaspi      2902/udp  NET ASPI
#                               Johnson Luo <johnson_luo@mail.sercomm.com.tw>
suitcase     2903/tcp  SUITCASE
suitcase     2903/udp  SUITCASE
#                               Milton E. Sagen <msagen@extensis.com>
m2ua         2904/tcp  M2UA
m2ua         2904/udp  M2UA
m2ua         2904/sctp M2UA
#                               Lyndon Ong <LyOng@ciena.com>
m3ua         2905/tcp  M3UA
#                               De-registered (2001 June 07)
m3ua         2905/udp  De-registered (2001 June 07)
m3ua         2905/sctp M3UA
#                               Lyndon Ong <LyOng@ciena.com>
caller9      2906/tcp  CALLER9
caller9      2906/udp  CALLER9
#                               Shams Naqi <SSNAQVI@aol.com>
webmethods-b2b 2907/tcp  WEBMETHODS B2B
webmethods-b2b 2907/udp  WEBMETHODS B2B
#                               Joseph Hines <jhines@webmethods.com>
mao          2908/tcp  mao
mao          2908/udp  mao
#                               Marc Baudoin <babafou@babafou.eu.org>
funk-dialout 2909/tcp  Funk Dialout
funk-dialout 2909/udp  Funk Dialout
#                               Cimarron Boozer <cboozer@funk.com>
tdaccess     2910/tcp  TDAccess
tdaccess     2910/udp  TDAccess
#                               Tom Haapanen <tomh@metrics.com>
blockade     2911/tcp  Blockade
blockade     2911/udp  Blockade
#                               VP - Research & Development
<development@blockade.com>
epicon       2912/tcp  Epicon
epicon       2912/udp  Epicon
#                               Michael Khalandovsky <mlk@epicon.com>
boosterware  2913/tcp  Booster Ware
boosterware  2913/udp  Booster Ware
#                               Ido Ben-David <dgntcom@netvision.net.il>
gamelobby    2914/tcp  Game Lobby
gamelobby    2914/udp  Game Lobby
#                               Paul Ford-Hutchinson <paulfordh@uk.ibm.com>
tksocket     2915/tcp  TK Socket
tksocket     2915/udp  TK Socket

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# Alan Fahrner <alan@protix.com>
elvin_server 2916/tcp Elvin Server
elvin_server 2916/udp Elvin Server
elvin_client 2917/tcp Elvin Client
elvin_client 2917/udp Elvin Client
# David Arnold <davida@pobox.com>
kastenchasepad 2918/tcp Kasten Chase Pad
kastenchasepad 2918/udp Kasten Chase Pad
# Marc Gauthier <mgau@kastenchase.com>
roboer 2919/tcp roboER
roboer 2919/udp roboER
# Paul Snook <paul.snook@itheon.com>
roboeda 2920/tcp roboEDA
roboeda 2920/udp roboEDA
# Paul Snook <paul.snook@itheon.com>
cesdcdman 2921/tcp CESD Contents Delivery Management
cesdcdman 2921/udp CESD Contents Delivery Management
# Shinya Abe <abeabe@pfu.co.jp>
cesdcdtrn 2922/tcp CESD Contents Delivery Data Transfer
cesdcdtrn 2922/udp CESD Contents Delivery Data Transfer
# Shinya Abe <abeabe@pfu.co.jp>
wta-wsp-wtp-s 2923/tcp WTA-WSP-WTP-S
wta-wsp-wtp-s 2923/udp WTA-WSP-WTP-S
# Sebastien Bury (WAP Forum)
# <sebastien.bury@art.alcatel.fr>
precise-vip 2924/tcp PRECISE-VIP
precise-vip 2924/udp PRECISE-VIP
# Michael Landwehr <mikel@precisesoft.co.il>
# 2925 Unassigned (FRP-Released 12/7/00)
mobile-file-dl 2926/tcp MOBILE-FILE-DL
mobile-file-dl 2926/udp MOBILE-FILE-DL
# Mitsuji Toda <toda@mmedia.mci.mei.co.jp>
unimobilectrl 2927/tcp UNIMOBILECTRL
unimobilectrl 2927/udp UNIMOBILECTRL
# Vikas <vikas@graycell.com>
redstone-cpss 2928/tcp REDSTONE-CPSS
redstone-cpss 2928/udp REDSTONE-CPSS
# Jeff Looman <jeff@looman.org>
amx-webadmin 2929/tcp AMX-WEBADMIN
amx-webadmin 2929/udp AMX-WEBADMIN
# Mike Morris <mike.morris@amx.com>
amx-weblinx 2930/tcp AMX-WEBLINX
amx-weblinx 2930/udp AMX-WEBLINX
# Mike Morris <mike.morris@amx.com>
circle-x 2931/tcp Circle-X
circle-x 2931/udp Circle-X
# Norm Freedman <normfree@worldnet.att.net>
incp 2932/tcp INCP
incp 2932/udp INCP
# Keith Paulsen <kpaulsen@phobos.com>
4-tieropmgw 2933/tcp 4-TIER OPM GW
4-tieropmgw 2933/udp 4-TIER OPM GW
# Francois Peloffy <fpeloffy@4tier.com>
4-tieropmcli 2934/tcp 4-TIER OPM CLI
4-tieropmcli 2934/udp 4-TIER OPM CLI
# Francois Peloffy <fpeloffy@4tier.com>
qtp 2935/tcp QTP

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| | | |
|----------------|-----------|---|
| qtp | 2935/udp | QTP |
| # | | Cameron Young <Cameron_Young@inetco.com> |
| otpatch | 2936/tcp | OTPatch |
| otpatch | 2936/udp | OTPatch |
| # | | Brett Goldstein <bgoldstein@opentable.com> |
| pnaconsult-lm | 2937/tcp | PNACONSULT-LM |
| pnaconsult-lm | 2937/udp | PNACONSULT-LM |
| # | | Theo Nijssen <theon@nijssen.nl> |
| sm-pas-1 | 2938/tcp | SM-PAS-1 |
| sm-pas-1 | 2938/udp | SM-PAS-1 |
| sm-pas-2 | 2939/tcp | SM-PAS-2 |
| sm-pas-2 | 2939/udp | SM-PAS-2 |
| sm-pas-3 | 2940/tcp | SM-PAS-3 |
| sm-pas-3 | 2940/udp | SM-PAS-3 |
| sm-pas-4 | 2941/tcp | SM-PAS-4 |
| sm-pas-4 | 2941/udp | SM-PAS-4 |
| sm-pas-5 | 2942/tcp | SM-PAS-5 |
| sm-pas-5 | 2942/udp | SM-PAS-5 |
| # | | Tom Haapanen <tomh@metrics.com> |
| ttnrepository | 2943/tcp | TTNRepository |
| ttnrepository | 2943/udp | TTNRepository |
| # | | Robert Orr <rorr@teltone.com> |
| megaco-h248 | 2944/tcp | Megaco H-248 |
| megaco-h248 | 2944/udp | Megaco H-248 |
| # | | Tom Taylor <taylor@nortelnetworks.com> |
| megaco-h248 | 2944/sctp | Megaco-H.248 text |
| # | | Tom Taylor <taylor@nortel.com> September 2006 |
| h248-binary | 2945/tcp | H248 Binary |
| h248-binary | 2945/udp | H248 Binary |
| # | | Tom Taylor <taylor@nortelnetworks.com> |
| h248-binary | 2945/sctp | Megaco/H.248 binary |
| # | | Tom Taylor <taylor@nortel.com> September 2006 |
| fjsvmpor | 2946/tcp | FJSVmpor |
| fjsvmpor | 2946/udp | FJSVmpor |
| # | | Naoki Hayashi <ha@fjh.se.fujitsu.co.jp> |
| gpsd | 2947/tcp | GPSD |
| gpsd | 2947/udp | GPSD |
| # | | Derrick J. Brashear <shadow@dementia.org> |
| wap-push | 2948/tcp | WAP PUSH |
| wap-push | 2948/udp | WAP PUSH |
| wap-pushsecure | 2949/tcp | WAP PUSH SECURE |
| wap-pushsecure | 2949/udp | WAP PUSH SECURE |
| # | | WAP FORUM <wap-feedback@mail.wapforum.org> |
| esip | 2950/tcp | ESIP |
| esip | 2950/udp | ESIP |
| # | | David Stephenson <david_stephenson@hp.com> |
| ottp | 2951/tcp | OTTP |
| ottp | 2951/udp | OTTP |
| # | | Brent Foster <brent.foster@onstreamsystems.com> |
| mpfwsas | 2952/tcp | MPFWSAS |
| mpfwsas | 2952/udp | MPFWSAS |
| # | | Toru Murai <murai@saint.nm.fujitsu.co.jp> |
| ovalarmsrv | 2953/tcp | OVALARMSRV |
| ovalarmsrv | 2953/udp | OVALARMSRV |
| ovalarmsrv-cmd | 2954/tcp | OVALARMSRV-CMD |
| ovalarmsrv-cmd | 2954/udp | OVALARMSRV-CMD |
| # | | Eric Pulsipher <eric_pulsipher@hp.com> |

| | | |
|----------------|----------|--|
| csnotify | 2955/tcp | CSNOTIFY |
| csnotify | 2955/udp | CSNOTIFY |
| # | | Israel Beniaminy <israel.beniaminy@clickservice.com> |
| ovrimosdbman | 2956/tcp | OVRIMOSDBMAN |
| ovrimosdbman | 2956/udp | OVRIMOSDBMAN |
| # | | Dimitrios Souflis <dsouflis@altera.gr> |
| jmact5 | 2957/tcp | JAMCT5 |
| jmact5 | 2957/udp | JAMCT5 |
| jmact6 | 2958/tcp | JAMCT6 |
| jmact6 | 2958/udp | JAMCT6 |
| rmopagt | 2959/tcp | RMOPAGT |
| rmopagt | 2959/udp | RMOPAGT |
| # | | Shuji Okubo <okubo@yk.fujitsu.co.jp> |
| dfoxserver | 2960/tcp | DFOXSERVER |
| dfoxserver | 2960/udp | DFOXSERVER |
| # | | David Holden <mdh@rentek.net> |
| boldsoft-lm | 2961/tcp | BOLDSOFT-LM |
| boldsoft-lm | 2961/udp | BOLDSOFT-LM |
| # | | Fredrik Haglund <fredik.haglund@boldsoft.com> |
| iph-policy-cli | 2962/tcp | IPH-POLICY-CLI |
| iph-policy-cli | 2962/udp | IPH-POLICY-CLI |
| iph-policy-adm | 2963/tcp | IPH-POLICY-ADM |
| iph-policy-adm | 2963/udp | IPH-POLICY-ADM |
| # | | Shai Herzog <herzog@iphighway.com> |
| bullant-srap | 2964/tcp | BULLANT SRAP |
| bullant-srap | 2964/udp | BULLANT SRAP |
| bullant-rap | 2965/tcp | BULLANT RAP |
| bullant-rap | 2965/udp | BULLANT RAP |
| # | | Michael Cahill <Michael.Cahill@bullant.net> |
| idp-infotrieve | 2966/tcp | IDP-INFOTRIEVE |
| idp-infotrieve | 2966/udp | IDP-INFOTRIEVE |
| # | | Kevin Bruckert <kbruckert@idpco.com> |
| ssc-agent | 2967/tcp | SSC-AGENT |
| ssc-agent | 2967/udp | SSC-AGENT |
| # | | George Dzieciol <gdzieciol@symantec.com> |
| enpp | 2968/tcp | ENPP |
| enpp | 2968/udp | ENPP |
| # | | Kazuhito Gassho <Gassho.Kasuhito@exc.epson.co.jp> |
| essp | 2969/tcp | ESSP |
| essp | 2969/udp | ESSP |
| # | | Hitoshi Ishida <ishida.hitoshi@exc.epson.co.jp> |
| index-net | 2970/tcp | INDEX-NET |
| index-net | 2970/udp | INDEX-NET |
| # | | Chris J. Wren <C.Wren@lucent.com> |
| netclip | 2971/tcp | NetClip clipboard daemon |
| netclip | 2971/udp | NetClip clipboard daemon |
| # | | Rudi Chiarito <nutello@sweetness.com> |
| pmsm-webrctl | 2972/tcp | PMSM Webrctl |
| pmsm-webrctl | 2972/udp | PMSM Webrctl |
| # | | Markus Michels <mmi@pmsmicado.com> |
| svnetworks | 2973/tcp | SV Networks |
| svnetworks | 2973/udp | SV Networks |
| # | | Sylvia Siu <ssiu@svnetworks.com> |
| signal | 2974/tcp | Signal |
| signal | 2974/udp | Signal |
| # | | Wyatt Williams <wyattw@icall.com> |
| fjmpcm | 2975/tcp | Fujitsu Configuration Management Service |

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fjmpcm          2975/udp   Fujitsu Configuration Management Service
#              Hiroki Kawano <kawano@saint.nm.fujitsu.co.jp>
cns-srv-port   2976/tcp   CNS Server Port
cns-srv-port   2976/udp   CNS Server Port
#              Ram Golla <rgolla@cisco.com>
ttc-etap-ns    2977/tcp   TTCs Enterprise Test Access Protocol - NS
ttc-etap-ns    2977/udp   TTCs Enterprise Test Access Protocol - NS
ttc-etap-ds    2978/tcp   TTCs Enterprise Test Access Protocol - DS
ttc-etap-ds    2978/udp   TTCs Enterprise Test Access Protocol - DS
#              Daniel Becker <beckerd@ttc.com>
h263-video     2979/tcp   H.263 Video Streaming
h263-video     2979/udp   H.263 Video Streaming
#              Jauvane C. de Oliveira <jauvane@acm.org>
wimd           2980/tcp   Instant Messaging Service
wimd           2980/udp   Instant Messaging Service
#              Kevin Birch <kbirch@pobox.com>
mylxamport     2981/tcp   MYLXAMPORT
mylxamport     2981/udp   MYLXAMPORT
#              Wei Gao <wei@mylex.com>
iwb-whiteboard 2982/tcp   IWB-WHITEBOARD
iwb-whiteboard 2982/udp   IWB-WHITEBOARD
#              David W. Radcliffe <info@radsolution.co.uk>
netplan        2983/tcp   NETPLAN
netplan        2983/udp   NETPLAN
#              Thomas Driemeyer <thomas@bitrot.de>
hpidsadmin     2984/tcp   HPIDSADMIN
hpidsadmin     2984/udp   HPIDSADMIN
hpidsagent     2985/tcp   HPIDSAGENT
hpidsagent     2985/udp   HPIDSAGENT
#              John Trudeau <jtrudeau@cup.hp.com>
stonefalls     2986/tcp   STONEFALLS
stonefalls     2986/udp   STONEFALLS
#              Scott Grau <sgrau@stonefalls.com>
identify       2987/tcp   identify
identify       2987/udp   identify
hippad         2988/tcp   HIPPA Reporting Protocol
hippad         2988/udp   HIPPA Reporting Protocol
#              William Randolph Royere III
#              <william@royere.net>
zarkov         2989/tcp   ZARKOV Intelligent Agent Communication
zarkov         2989/udp   ZARKOV Intelligent Agent Communication
#              Robin Felix <zarkov_port@zarkov.com>
boscap         2990/tcp   BOSCAP
boscap         2990/udp   BOSCAP
#              Dirk Hillbrecht <dirk@hillbrecht.de>
wkstn-mon     2991/tcp   WKSTN-MON
wkstn-mon     2991/udp   WKSTN-MON
#              William David <william.david@lmco.com>
itb301         2992/tcp   ITB301
itb301         2992/udp   ITB301
#              Bodo Rueskamp <br@itchigo.com>
veritas-vis1   2993/tcp   VERITAS VIS1
veritas-vis1   2993/udp   VERITAS VIS1
veritas-vis2   2994/tcp   VERITAS VIS2
veritas-vis2   2994/udp   VERITAS VIS2
#              Dinkar Chivaluri <dinkar@veritas.com>
idrs           2995/tcp   IDRS

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idrs          2995/udp  IDRS
#             Jeff Eaton <jeaton@intermec.com>
vsixml       2996/tcp  vsixml
vsixml       2996/udp  vsixml
#             Rob Juergens <robj@vsi.com>
rebol        2997/tcp  REBOL
rebol        2997/udp  REBOL
#             Holger Kruse <holger@rebol.net>
realsecure   2998/tcp  Real Secure
realsecure   2998/udp  Real Secure
#             Wes Wilson <wwilson@iss.net>
remoteware-un 2999/tcp  RemoteWare Unassigned
remoteware-un 2999/udp  RemoteWare Unassigned
#             Tim Farley <Tim.Farley@xcellenet.com>
hbc          3000/tcp  HBCI
hbc          3000/udp  HBCI
#             Kurt Haubner <haubner@ibm.net>
# The following entry records an unassigned but widespread use
remoteware-cl 3000/tcp  RemoteWare Client
remoteware-cl 3000/udp  RemoteWare Client
#             Tim Farley <Tim.Farley@xcellenet.com>
#             3001      Unassigned (Removed 2006-05-25)
exlm-agent   3002/tcp  EXLM Agent
exlm-agent   3002/udp  EXLM Agent
#             Randy Martin <exlmoc@clemsn.edu>
# The following entry records an unassigned but widespread use
remoteware-srv 3002/tcp  RemoteWare Server
remoteware-srv 3002/udp  RemoteWare Server
#             Tim Farley <Tim.Farley@xcellenet.com>
cgms         3003/tcp  CGMS
cgms         3003/udp  CGMS
#             Jim Mazzonna <jmazzonna@tiscom.uscg.mil>
csoftagent   3004/tcp  Csoft Agent
csoftagent   3004/udp  Csoft Agent
#             Nedelcho Stanev <decho@csoft.bg>
geniuslm     3005/tcp  Genius License Manager
geniuslm     3005/udp  Genius License Manager
#             Jakob Spies <Jakob.Spies@genius.de>
ii-admin     3006/tcp  Instant Internet Admin
ii-admin     3006/udp  Instant Internet Admin
#             Lewis Donzis <ldonzis@nortelnetworks.com>
lotusmtap    3007/tcp  Lotus Mail Tracking Agent Protocol
lotusmtap    3007/udp  Lotus Mail Tracking Agent Protocol
#             Ken Lin <klin@us.ibm.com>
midnight-tech 3008/tcp  Midnight Technologies
midnight-tech 3008/udp  Midnight Technologies
#             Kyle Unice <kyle@midnighttech.com>
pxc-ntfy     3009/tcp  PXC-NTFY
pxc-ntfy     3009/udp  PXC-NTFY
#             Takeshi Nishizawa <takeshi@cp10.es.xerox.com>
gw           3010/tcp  Telerate Workstation
ping-pong    3010/udp  Telerate Workstation
#             Timo Sivonen <timo.sivonen@ccmail.dowjones.com>
trusted-web  3011/tcp  Trusted Web
trusted-web  3011/udp  Trusted Web
twsdss       3012/tcp  Trusted Web Client
twsdss       3012/udp  Trusted Web Client

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# Alex Duncan <alex.duncan@sse.ie>
gilatskysurfer 3013/tcp Gilat Sky Surfer
gilatskysurfer 3013/udp Gilat Sky Surfer
# Yossi Gal <yossi@gilat.com>
broker_service 3014/tcp Broker Service
broker_service 3014/udp Broker Service
# Dale Bethers <dbethers@novell.com>
nati-dstp 3015/tcp NATI DSTP
nati-dstp 3015/udp NATI DSTP
# Paul Austin <paul.austin@natinst.com>
notify_srvr 3016/tcp Notify Server
notify_srvr 3016/udp Notify Server
# Hugo Parra <hparra@novell.com>
event_listener 3017/tcp Event Listener
event_listener 3017/udp Event Listener
# Ted Tronson <ttronson@novell.com>
srvc_registry 3018/tcp Service Registry
srvc_registry 3018/udp Service Registry
# Mark Killgore <MKillgore@novell.com>
resource_mgr 3019/tcp Resource Manager
resource_mgr 3019/udp Resource Manager
# Gary Glover <gglover@novell.com>
cifs 3020/tcp CIFS
cifs 3020/udp CIFS
# Paul Leach <paulle@microsoft.com>
agriserver 3021/tcp AGRI Server
agriserver 3021/udp AGRI Server
# Frank Neulichedl <frank@websmile.com>
csregagent 3022/tcp CSREGAGENT
csregagent 3022/udp CSREGAGENT
# Nedelcho Stanev <nstanev@csoft.bg>
magicnotes 3023/tcp magicnotes
magicnotes 3023/udp magicnotes
# Karl Edwall <karl@magicnotes.com>
nds_sso 3024/tcp NDS_SSO
nds_sso 3024/udp NDS_SSO
# Mel Oyler <mel@novell.com>
arepa-raft 3025/tcp Arepa Raft
arepa-raft 3025/udp Arepa Raft
# Stuart Schaefer <sschaefer@softricity.com>
agri-gateway 3026/tcp AGRI Gateway
agri-gateway 3026/udp AGRI Gateway
# Agri Datalog <contact@agri-datalog.com>
LiebDevMgmt_C 3027/tcp LiebDevMgmt_C
LiebDevMgmt_C 3027/udp LiebDevMgmt_C
LiebDevMgmt_DM 3028/tcp LiebDevMgmt_DM
LiebDevMgmt_DM 3028/udp LiebDevMgmt_DM
LiebDevMgmt_A 3029/tcp LiebDevMgmt_A
LiebDevMgmt_A 3029/udp LiebDevMgmt_A
# Mike Velten <Mike_Velten@Liebert.com>
arepa-cas 3030/tcp Arepa Cas
arepa-cas 3030/udp Arepa Cas
# Stuart Schaefer <sschaefer@softricity.com>
eppc 3031/tcp Remote AppleEvents/PPC Toolbox
eppc 3031/udp Remote AppleEvents/PPC Toolbox
# Steve Zellers <zellers@apple.com>
redwood-chat 3032/tcp Redwood Chat

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|----------------|----------|--|
| redwood-chat | 3032/udp | Redwood Chat |
| # | | Songwon Chi <swchi@daou.co.kr> |
| pdb | 3033/tcp | PDB |
| pdb | 3033/udp | PDB |
| # | | Don Bowman <don@pixstream.com> |
| osmosis-aeaa | 3034/tcp | Osmosis / Helix (R) AEEA Port |
| osmosis-aeaa | 3034/udp | Osmosis / Helix (R) AEEA Port |
| # | | Larry Atkin <latkin@commongrnd.com> |
| fjsv-gssagt | 3035/tcp | FJSV gssagt |
| fjsv-gssagt | 3035/udp | FJSV gssagt |
| # | | Tomoji Koike <koike@ael.fujitsu.co.jp> |
| hagel-dump | 3036/tcp | Hagel DUMP |
| hagel-dump | 3036/udp | Hagel DUMP |
| # | | Haim Gelfenbeyn <haim@hageltech.com> |
| hp-san-mgmt | 3037/tcp | HP SAN Mgmt |
| hp-san-mgmt | 3037/udp | HP SAN Mgmt |
| # | | Steve Britt <steve_britt@hp.com> |
| santak-ups | 3038/tcp | Santak UPS |
| santak-ups | 3038/udp | Santak UPS |
| # | | Tom Liu <ssc@sc.stk.com.cn> |
| cogitate | 3039/tcp | Cogitate, Inc. |
| cogitate | 3039/udp | Cogitate, Inc. |
| # | | Jim Harlan <jimh@infowest.com> |
| tomato-springs | 3040/tcp | Tomato Springs |
| tomato-springs | 3040/udp | Tomato Springs |
| # | | Jack Waller III <jack@tomatosprings.com> |
| di-traceware | 3041/tcp | di-traceware |
| di-traceware | 3041/udp | di-traceware |
| # | | Carlos Hung <chung@digisle.net> |
| journee | 3042/tcp | journee |
| journee | 3042/udp | journee |
| # | | Kevin Calman <postmaster@journee.com> |
| brp | 3043/tcp | Broadcast Routing Protocol |
| brp | 3043/udp | Broadcast Routing Protocol |
| # | | John Border <border@hns.com> |
| epp | 3044/tcp | EndPoint Protocol |
| epp | 3044/udp | EndPoint Protocol |
| # | | Stephen Cipolli <scipolli@radvision.com> |
| responsenet | 3045/tcp | ResponseNet |
| responsenet | 3045/udp | ResponseNet |
| # | | Chul Yoon <cyoon@responsenetworks.com> |
| di-ase | 3046/tcp | di-ase |
| di-ase | 3046/udp | di-ase |
| # | | Carlos Hung <chung@digisle.net> |
| hlserver | 3047/tcp | Fast Security HL Server |
| hlserver | 3047/udp | Fast Security HL Server |
| # | | Michael Zunke <mzunke@fast-ag.de> |
| pctrader | 3048/tcp | Sierra Net PC Trader |
| pctrader | 3048/udp | Sierra Net PC Trader |
| # | | Chris Hahn <chrish@sierra.net> |
| nsws | 3049/tcp | NSWS |
| nsws | 3049/udp | NSWS |
| # | | Ray Gwinn <p00321@psilink.com> |
| gds_db | 3050/tcp | gds_db |
| gds_db | 3050/udp | gds_db |
| # | | Madhukar N. Thakur <mthakur@interbase.com> |
| galaxy-server | 3051/tcp | Galaxy Server |

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galaxy-server      3051/udp   Galaxy Server
#                  Michael Andre <mandre@gts-tkts.com>
apc-3052           3052/tcp   APC 3052
apc-3052           3052/udp   APC 3052
#                  American Power Conversion <ports@apcc.com>
dsom-server        3053/tcp   dsom-server
dsom-server        3053/udp   dsom-server
#                  Daniel Sisk <daniel.sisk@pnl.gov>
amt-cnf-prot       3054/tcp   AMT CNF PROT
amt-cnf-prot       3054/udp   AMT CNF PROT
#                  Marco Marcucci <mmarcucci.amtec@interbusiness.it>
policyserver       3055/tcp   Policy Server
policyserver       3055/udp   Policy Server
#                  Mark Garti <mgarti@sonusnet.com>
cdl-server 3056/tcp   CDL Server
cdl-server 3056/udp   CDL Server
#                  Paul Roberts <PaulRoberts@engineer.com>
goahead-fldup      3057/tcp   GoAhead FldUp
goahead-fldup      3057/udp   GoAhead FldUp
#                  Alan Pickrell <alanp@goahead.com>
videobeans 3058/tcp   videobeans
videobeans 3058/udp   videobeans
#                  Hiroyuki Takahashi <hiro.takahashi@eng.Sun.COM>
qsoft              3059/tcp   qsoft
qsoft              3059/udp   qsoft
#                  James Kunz <jkunz@earlhaig.com>
interserver        3060/tcp   interserver
interserver        3060/udp   interserver
#                  Madhukar N. Thakur <mthakur@interbase.com>
cautcpd            3061/tcp   cautcpd
cautcpd            3061/udp   cautcpd
ncacn-ip-tcp       3062/tcp   ncacn-ip-tcp
ncacn-ip-tcp       3062/udp   ncacn-ip-tcp
ncadg-ip-udp       3063/tcp   ncadg-ip-udp
ncadg-ip-udp       3063/udp   ncadg-ip-udp
#                  Gabi Kalmar <kalga01@cai.com>
rprt               3064/tcp   Remote Port Redirector
rprt               3064/udp   Remote Port Redirector
#                  Robin Johnston <robinj@learningtree.com>
slinterbase        3065/tcp   slinterbase
slinterbase        3065/udp   slinterbase
#                  Bie Tie <stie@interbase.com>
netattachsdmp      3066/tcp   NETATTACHSDMP
netattachsdmp      3066/udp   NETATTACHSDMP
#                  Mike Young <myong@netattach.com>
fjhpjp             3067/tcp   FJHPJP
fjhpjp             3067/udp   FJHPJP
#                  Ryozo Furutani <furutani@np.lps.cs.fujitsu.co.jp>
ls3broadcast       3068/tcp   ls3 Broadcast
ls3broadcast 3068/udp   ls3 Broadcast
ls3                 3069/tcp   ls3
ls3                 3069/udp   ls3
#                  Jim Thompson <jim.thompson@powerware.com>
mgxswitch          3070/tcp   MGXSWITCH
mgxswitch          3070/udp   MGXSWITCH
#                  George Walter <george.walter@ascentialsoftware.com>
csd-mgmt-port      3071/tcp   ContinuStor Manager Port

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csd-mgmt-port 3071/udp ContinuStor Manager Port
csd-monitor 3072/tcp ContinuStor Monitor Port
csd-monitor 3072/udp ContinuStor Monitor Port
# Ray Jantz <ray.jantz@lsil.com>
vcrp 3073/tcp Very simple chatroom prot
vcrp 3073/udp Very simple chatroom prot
# Andreas Wurf <a.wurf@mediaTools.de>
xbox 3074/tcp Xbox game port
xbox 3074/udp Xbox game port
# Damon Danieli <damond@microsoft.com>
orbix-locator 3075/tcp Orbix 2000 Locator
orbix-locator 3075/udp Orbix 2000 Locator
orbix-config 3076/tcp Orbix 2000 Config
orbix-config 3076/udp Orbix 2000 Config
orbix-loc-ssl 3077/tcp Orbix 2000 Locator SSL
orbix-loc-ssl 3077/udp Orbix 2000 Locator SSL
orbix-cfg-ssl 3078/tcp Orbix 2000 Locator SSL
orbix-cfg-ssl 3078/udp Orbix 2000 Locator SSL
# Eric Newcomer <eric.newcomer@iona.com>
lv-frontpanel 3079/tcp LV Front Panel
lv-frontpanel 3079/udp LV Front Panel
# Darshan Shah <darshan.shah@ni.com>
stm_pproc 3080/tcp stm_pproc
stm_pproc 3080/udp stm_pproc
# Paul McGinnis <pmcginnis@server.stmi.com>
tll-lv 3081/tcp TL1-LV
tll-lv 3081/udp TL1-LV
tll-raw 3082/tcp TL1-RAW
tll-raw 3082/udp TL1-RAW
tll-telnet 3083/tcp TL1-TELNET
tll-telnet 3083/udp TL1-TELNET
# SONET Internetworking Forum (SIF)
# <bwarijsman@lucent.com> - SONET Contact
itm-mccs 3084/tcp ITM-MCCS
itm-mccs 3084/udp ITM-MCCS
# Portnoy Boxman <portnoy_boxman@bmc.com>
pcihreq 3085/tcp PCIHReq
pcihreq 3085/udp PCIHReq
# Paul Sanders <p.sanders@dial.pipex.com>
jdl-dbkitchen 3086/tcp JDL-DBKitchen
jdl-dbkitchen 3086/udp JDL-DBKitchen
# Hideo Wakabayashi <hiwaka@alles.or.jp>
asoki-sma 3087/tcp Asoki SMA
asoki-sma 3087/udp Asoki SMA
# Andrew Mossberg <amossberg@asoki.net>
xdtp 3088/tcp eXtensible Data Transfer Protocol
xdtp 3088/udp eXtensible Data Transfer Protocol
# Michael Shearson <mshearson@peerglobal.com>
ptk-alink 3089/tcp ParaTek Agent Linking
ptk-alink 3089/udp ParaTek Agent Linking
# Robert Hodgson <robert@paratek.co.uk>
stss 3090/tcp Senforce Session Services
stss 3090/udp Senforce Session Services
# Peter Boucher <pboucher@senforce.com>
lci-smcs 3091/tcp lCi Server Management
lci-smcs 3091/udp lCi Server Management
# Ralf Bensmann <iana@lci.de>

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|----------------|-----------|--|
| njffs | 3092/tcp | Netware sync services |
| njffs | 3092/udp | Netware sync services |
| # | | Gordon Ross <G.Ross@ccw.gov.uk> |
| rapidmq-center | 3093/tcp | Jiiva RapidMQ Center |
| rapidmq-center | 3093/udp | Jiiva RapidMQ Center |
| rapidmq-reg | 3094/tcp | Jiiva RapidMQ Registry |
| rapidmq-reg | 3094/udp | Jiiva RapidMQ Registry |
| # | | Mark Ericksen <mark@jiiva.com> |
| panasas | 3095/tcp | Panasas rendezvous port |
| panasas | 3095/udp | Panasas rendezvous port |
| # | | Peter Berger <peterb@panasas.com> |
| ndl-aps | 3096/tcp | Active Print Server Port |
| ndl-aps | 3096/udp | Active Print Server Port |
| # | | Martin Norman <martin@ndl.co.uk> |
| # | 3097/tcp | Reserved |
| # | 3097/udp | Reserved |
| itu-bicc-stc | 3097/sctp | ITU-T Q.1902.1/Q.2150.3 |
| # | | Greg Sidebottom <gregside@home.com> |
| umm-port | 3098/tcp | Universal Message Manager |
| umm-port | 3098/udp | Universal Message Manager |
| # | | Phil Braham <phil@braham.net> |
| chmd | 3099/tcp | CHIPSY Machine Daemon |
| chmd | 3099/udp | CHIPSY Machine Daemon |
| # | | Trond Børsting <Trond.Borsting@snota.no> |
| opcon-xps | 3100/tcp | OpCon/xps |
| opcon-xps | 3100/udp | OpCon/xps |
| # | | David Bourland <DBourland@smausa.com> |
| hp-pxpib | 3101/tcp | HP PolicyXpert PIB Server |
| hp-pxpib | 3101/udp | HP PolicyXpert PIB Server |
| # | | Brian O'Keefe <bokeefe@cnd.hp.com> |
| sflavemon | 3102/tcp | SoftlinK Slave Mon Port |
| sflavemon | 3102/udp | SoftlinK Slave Mon Port |
| # | | Moshe Livne <moshe@softlinkusa.com> |
| autocuesmi | 3103/tcp | Autocue SMI Protocol |
| autocuesmi | 3103/udp | Autocue SMI Protocol |
| autocuelog | 3104/tcp | Autocue Logger Protocol |
| autocuetime | 3104/udp | Autocue Time Service |
| # | | Geoff Back <geoff@autocue.co.uk> |
| cardbox | 3105/tcp | Cardbox |
| cardbox | 3105/udp | Cardbox |
| cardbox-http | 3106/tcp | Cardbox HTTP |
| cardbox-http | 3106/udp | Cardbox HTTP |
| # | | Martin Kochanski <martin@cardbox.co.uk> |
| business | 3107/tcp | Business protocol |
| business | 3107/udp | Business protocol |
| geolocate | 3108/tcp | Geolocate protocol |
| geolocate | 3108/udp | Geolocate protocol |
| personnel | 3109/tcp | Personnel protocol |
| personnel | 3109/udp | Personnel protocol |
| # | | William Randolph Royere III |
| # | | <william@royere.net> |
| sim-control | 3110/tcp | simulator control port |
| sim-control | 3110/udp | simulator control port |
| # | | Ian Bell <ianb@arca-technologies.com> |
| wsynch | 3111/tcp | Web Synchronous Services |
| wsynch | 3111/udp | Web Synchronous Services |
| # | | Valery Fremaux <vf@eisti.fr> |

| | | |
|----------------|----------|--|
| ksysguard | 3112/tcp | KDE System Guard |
| ksysguard | 3112/udp | KDE System Guard |
| # | | Chris Schlaeger <cs@kde.org> |
| cs-auth-svr | 3113/tcp | CS-Authenticate Svr Port |
| cs-auth-svr | 3113/udp | CS-Authenticate Svr Port |
| # | | Cliff Diamond <cdiamond@crypto-solutions.co.uk> |
| # | | Andy Georgiou <ageorgiou@crypto-solutions.co.uk> |
| ccmad | 3114/tcp | CCM AutoDiscover |
| ccmad | 3114/udp | CCM AutoDiscover |
| # | | Ram Sudama <rsudama@on.com> |
| mctet-master | 3115/tcp | MCTET Master |
| mctet-master | 3115/udp | MCTET Master |
| mctet-gateway | 3116/tcp | MCTET Gateway |
| mctet-gateway | 3116/udp | MCTET Gateway |
| mctet-jserv | 3117/tcp | MCTET Jserv |
| mctet-jserv | 3117/udp | MCTET Jserv |
| # | | Portnoy Boxman <portnoy_boxman@bmc.com> |
| pkagent | 3118/tcp | PKAgent |
| pkagent | 3118/udp | PKAgent |
| # | | Michael Douglass <mikedoug@datafoundry.net> |
| d2000kernel | 3119/tcp | D2000 Kernel Port |
| d2000kernel | 3119/udp | D2000 Kernel Port |
| d2000webserver | 3120/tcp | D2000 Webserver Port |
| d2000webserver | 3120/udp | D2000 Webserver Port |
| # | | Tomas Rajcan <trajcan@ipesoft.sk> |
| # | 3121 | Unassigned (Removed 2003-09-17) |
| vtr-emulator | 3122/tcp | MTI VTR Emulator port |
| vtr-emulator | 3122/udp | MTI VTR Emulator port |
| # | | John Mertus <mertus@mathtech.com> |
| edix | 3123/tcp | EDI Translation Protocol |
| edix | 3123/udp | EDI Translation Protocol |
| # | | William Randolph Royere III <william@royere.net> |
| beacon-port | 3124/tcp | Beacon Port |
| beacon-port | 3124/udp | Beacon Port |
| # | | James Paul Duncan <pduncan@beaconcrm.com> |
| a13-an | 3125/tcp | A13-AN Interface |
| a13-an | 3125/udp | A13-AN Interface |
| # | | Douglas Knisely <dnk@lucent.com> |
| ms-dotnetster | 3126/tcp | Microsoft .NETster Port |
| ms-dotnetster | 3126/udp | Microsoft .NETster Port |
| # | | Dave Mendlen <davemen@microsoft.com> |
| ctx-bridge | 3127/tcp | CTX Bridge Port |
| ctx-bridge | 3127/udp | CTX Bridge Port |
| # | | Alexander Dubrovsky <dubrovsky_alex@emc.com> |
| ndl-aas | 3128/tcp | Active API Server Port |
| ndl-aas | 3128/udp | Active API Server Port |
| # | | Martin Norman <martin@ndl.co.uk> |
| netport-id | 3129/tcp | NetPort Discovery Port |
| netport-id | 3129/udp | NetPort Discovery Port |
| # | | P.T.K. Farrar <farrarp@teccon.co.uk> |
| icpv2 | 3130/tcp | ICPv2 |
| icpv2 | 3130/udp | ICPv2 |
| # | | Duane Wessels <wessels@nlanr.net> |
| netbookmark | 3131/tcp | Net Book Mark |
| netbookmark | 3131/udp | Net Book Mark |
| # | | Yiftach Ravid <yiftach@haifa.vnet.ibm.com> |
| ms-rule-engine | 3132/tcp | Microsoft Business Rule Engine Update Service |

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ms-rule-engine 3132/udp Microsoft Business Rule Engine Update Service
# Anush Kumar <anushk@microsoft.com>
prism-deploy 3133/tcp Prism Deploy User Port
prism-deploy 3133/udp Prism Deploy User Port
# Joan Linck <jlinck@lanovation.com>
ecp 3134/tcp Extensible Code Protocol
ecp 3134/udp Extensible Code Protocol
# Jim Trek <jtrek@rochester.rr.com>
# Mark Bocko <bocko@ece.rochester.edu>
peerbook-port 3135/tcp PeerBook Port
peerbook-port 3135/udp PeerBook Port
# John Flowers <jf@gigamediaaccess.com>
grubd 3136/tcp Grub Server Port
grubd 3136/udp Grub Server Port
# Kord Campbell <kord@grub.org>
rtnt-1 3137/tcp rtnt-1 data packets
rtnt-1 3137/udp rtnt-1 data packets
rtnt-2 3138/tcp rtnt-2 data packets
rtnt-2 3138/udp rtnt-2 data packets
# Ron Muellerschoen <rjm@cobra.jpl.nasa.gov>
incognitorv 3139/tcp Incognito Rendez-Vous
incognitorv 3139/udp Incognito Rendez-Vous
# Stephane Bourque <stephb@incognito.com>
ariliamulti 3140/tcp Arilia Multiplexor
ariliamulti 3140/udp Arilia Multiplexor
# Stephane Bourque <sbourque@arilia.com>
vmodem 3141/tcp VMODEM
vmodem 3141/udp VMODEM
# Ray Gwinn <p00321@psilink.com>
rdc-wh-eos 3142/tcp RDC WH EOS
rdc-wh-eos 3142/udp RDC WH EOS
# Udi Nir <udi_nir@ncc.co.il>
seaview 3143/tcp Sea View
seaview 3143/udp Sea View
# Jim Flaherty <jim_e_flaherty@notes.seagate.com>
tarantella 3144/tcp Tarantella
tarantella 3144/udp Tarantella
# Roger Binns <rogerb@sco.com>
csi-lfap 3145/tcp CSI-LFAP
csi-lfap 3145/udp CSI-LFAP
# Paul Amsden <amsden@ctron.com>
bears-02 3146/tcp bears-02
bears-02 3146/udp bears-02
# Bruce McKinnon <brucemck@bearsolutions.com.au>
rfio 3147/tcp RFIO
rfio 3147/udp RFIO
# Frederic Hemmer <Frederic.Hemmer@cern.ch>
nm-game-admin 3148/tcp NetMike Game Administrator
nm-game-admin 3148/udp NetMike Game Administrator
nm-game-server 3149/tcp NetMike Game Server
nm-game-server 3149/udp NetMike Game Server
nm-asses-admin 3150/tcp NetMike Assessor Administrator
nm-asses-admin 3150/udp NetMike Assessor Administrator
nm-assessor 3151/tcp NetMike Assessor
nm-assessor 3151/udp NetMike Assessor
# Andrew Sharpe <help@smartsims.com>
feitianrockey 3152/tcp FeiTian Port

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|----------------|----------|--|
| feitianrockey | 3152/udp | FeiTian Port |
| # | | Huang Yu <llw@ftsafes.com> |
| s8-client-port | 3153/tcp | S8Cargo Client Port |
| s8-client-port | 3153/udp | S8Cargo Client Port |
| # | | Jon S. Kyle <JKyle@SpeedwaySoftware.com> |
| ccmrmi | 3154/tcp | ON RMI Registry |
| ccmrmi | 3154/udp | ON RMI Registry |
| # | | Ram Sudama <rsudama@on.com> |
| jpegmpeg | 3155/tcp | JpegMpeg Port |
| jpegmpeg | 3155/udp | JpegMpeg Port |
| # | | Richard Bassous <rbassous@yahoo.com> |
| indura | 3156/tcp | Indura Collector |
| indura | 3156/udp | Indura Collector |
| # | | Bruce Kosbab <bruce.kosbab@indurasoft.com> |
| e3consultants | 3157/tcp | CCC Listener Port |
| e3consultants | 3157/udp | CCC Listener Port |
| # | | Brian Carnell <brian@e3consultants.com> |
| stvp | 3158/tcp | SmashTV Protocol |
| stvp | 3158/udp | SmashTV Protocol |
| # | | Christian Wolff <stvp@smash.tv> |
| navegaweb-port | 3159/tcp | NavegaWeb Tarification |
| navegaweb-port | 3159/udp | NavegaWeb Tarification |
| # | | Miguel Angel Fernandez <maf@tid.es> |
| tip-app-server | 3160/tcp | TIP Application Server |
| tip-app-server | 3160/udp | TIP Application Server |
| # | | Olivier Mascia <om@tipgroup.com> |
| docllm | 3161/tcp | DOC1 License Manager |
| docllm | 3161/udp | DOC1 License Manager |
| # | | Greg Goodson <ggoodson@group1software.co.uk> |
| sflm | 3162/tcp | SFLM |
| sflm | 3162/udp | SFLM |
| # | | System Administrator <sysadmin@silvaco.com> |
| res-sap | 3163/tcp | RES-SAP |
| res-sap | 3163/udp | RES-SAP |
| # | | Bob Janssen <bob@res.nl> |
| imprs | 3164/tcp | IMPRS |
| imprs | 3164/udp | IMPRS |
| # | | Lars Bohn <Lars.Bohn@nokia.com> |
| newgenpay | 3165/tcp | Newgenpay Engine Service |
| newgenpay | 3165/udp | Newgenpay Engine Service |
| # | | Ilan Zisser <ilan@newgenpay.com> |
| qrepos | 3166/tcp | Quest Repository |
| qrepos | 3166/udp | Quest Repository |
| # | | Fred Surr <quest_iana@oz.quest.com> |
| nowcontact | 3167/tcp | Now Contact Public Server |
| nowcontact | 3167/udp | Now Contact Public Server |
| poweronnud | 3168/tcp | Now Up-to-Date Public Server |
| poweronnud | 3168/udp | Now Up-to-Date Public Server |
| # | | John Wallace <john@nowsoftware.com> |
| serverview-as | 3169/tcp | SERVERVIEW-AS |
| serverview-as | 3169/udp | SERVERVIEW-AS |
| serverview-asn | 3170/tcp | SERVERVIEW-ASN |
| serverview-asn | 3170/udp | SERVERVIEW-ASN |
| serverview-gf | 3171/tcp | SERVERVIEW-GF |
| serverview-gf | 3171/udp | SERVERVIEW-GF |
| serverview-rm | 3172/tcp | SERVERVIEW-RM |
| serverview-rm | 3172/udp | SERVERVIEW-RM |

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serverview-icc 3173/tcp  SERVERVIEW-ICC
serverview-icc 3173/udp  SERVERVIEW-ICC
#
# Guenther Kroenert
# <Guenther.Kroenert@fujitsu-siemens.com>
armi-server    3174/tcp  ARMI Server
armi-server    3174/udp  ARMI Server
#
# Bobby Martin <bobbymartin@hotmail.com>
t1-e1-over-ip 3175/tcp  T1_E1_Over_IP
t1-e1-over-ip 3175/udp  T1_E1_Over_IP
#
# Mark Doyle <mark@engagecom.com>
ars-master     3176/tcp  ARS Master
ars-master     3176/udp  ARS Master
#
# Portnoy Boxman <portnoy_boxman@bmc.com>
phonex-port    3177/tcp  Phonex Protocol
phonex-port    3177/udp  Phonex Protocol
#
# Doug Grover <dgrover@phonex.com>
radclientport 3178/tcp  Radiance UltraEdge Port
radclientport 3178/udp  Radiance UltraEdge Port
#
# Sri Subramaniam <sri@radiance.com>
h2gf-w-2m     3179/tcp  H2GF W.2m Handover prot.
h2gf-w-2m     3179/udp  H2GF W.2m Handover prot.
#
# Arne Norefors <Arne.Norefors@ericsson.com>
mc-brk-srv    3180/tcp  Millicent Broker Server
mc-brk-srv    3180/udp  Millicent Broker Server
#
# Steve Glassman <steveg@pa.dec.com>
bmcpatrolagent 3181/tcp  BMC Patrol Agent
bmcpatrolagent 3181/udp  BMC Patrol Agent
bmcpatrolrnvu  3182/tcp  BMC Patrol Rendezvous
bmcpatrolrnvu  3182/udp  BMC Patrol Rendezvous
#
# Portnoy Boxman <portnoy_boxman@bmc.com>
cops-tls      3183/tcp  COPS/TLS
cops-tls      3183/udp  COPS/TLS
#
# Mark Stevens <mstevens@ellacoya.com>
apogeex-port  3184/tcp  ApogeeX Port
apogeex-port  3184/udp  ApogeeX Port
#
# Tom Nys <tom.nys.tn@belgium.agfa.com>
smpppd        3185/tcp  SuSE Meta PPPD
smpppd        3185/udp  SuSE Meta PPPD
#
# Arvin Schnell <arvin@suse.de>
iiw-port      3186/tcp  IIW Monitor User Port
iiw-port      3186/udp  IIW Monitor User Port
#
# Corey Burnett <corey.burnett@biopop.com>
odi-port      3187/tcp  Open Design Listen Port
odi-port      3187/udp  Open Design Listen Port
#
# Phivos Aristides <phivos@opendesign.com>
brcm-comm-port 3188/tcp  Broadcom Port
brcm-comm-port 3188/udp  Broadcom Port
#
# Thomas L. Johnson <tjohnson@broadcom.com>
pcle-infex    3189/tcp  Pinnacle Sys InfEx Port
pcle-infex    3189/udp  Pinnacle Sys InfEx Port
#
# Anthon van der Neut <anthon@mnt.org>
csvr-proxy    3190/tcp  ConServR Proxy
csvr-proxy    3190/udp  ConServR Proxy
csvr-sslproxy 3191/tcp  ConServR SSL Proxy
csvr-sslproxy 3191/udp  ConServR SSL Proxy
#
# Mikhail Kruk <mkruk@biscom.com>
firemonrcc    3192/tcp  FireMon Revision Control

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| firemonrcc | 3192/udp | FireMon Revision Control |
| # | | Michael Bishop <mbishop@fishnetsecurity.com> |
| spandataport | 3193/tcp | SpanDataPort |
| spandataport | 3193/udp | SpanDataPort |
| # | | Jesse McKay <jesse@spandata.com> |
| magbind | 3194/tcp | Rockstorm MAG protocol |
| magbind | 3194/udp | Rockstorm MAG protocol |
| # | | Jens Nilsson <jens@rockstorm.se> |
| ncu-1 | 3195/tcp | Network Control Unit |
| ncu-1 | 3195/udp | Network Control Unit |
| ncu-2 | 3196/tcp | Network Control Unit |
| ncu-2 | 3196/udp | Network Control Unit |
| # | | Charlie Hundre <charlie@rdsrv.reco.com.tw> |
| embrace-dp-s | 3197/tcp | Embrace Device Protocol Server |
| embrace-dp-s | 3197/udp | Embrace Device Protocol Server |
| embrace-dp-c | 3198/tcp | Embrace Device Protocol Client |
| embrace-dp-c | 3198/udp | Embrace Device Protocol Client |
| # | | Elliot Schwartz <elliot@mit.edu> |
| dmod-workspace | 3199/tcp | DMOD WorkSpace |
| dmod-workspace | 3199/udp | DMOD WorkSpace |
| # | | Nick Plante <nplante@dmod.com> |
| tick-port | 3200/tcp | Press-sense Tick Port |
| tick-port | 3200/udp | Press-sense Tick Port |
| # | | Boris Svetlitsky <boris@press-sense.com> |
| cpq-tasksmart | 3201/tcp | CPQ-TaskSmart |
| cpq-tasksmart | 3201/udp | CPQ-TaskSmart |
| # | | Jackie Lau <jackie.lau@compaq.com> |
| intraintra | 3202/tcp | IntraIntra |
| intraintra | 3202/udp | IntraIntra |
| # | | Matthew Asham <matthewa@bcwireless.net> |
| netwatcher-mon | 3203/tcp | Network Watcher Monitor |
| netwatcher-mon | 3203/udp | Network Watcher Monitor |
| netwatcher-db | 3204/tcp | Network Watcher DB Access |
| netwatcher-db | 3204/udp | Network Watcher DB Access |
| # | | Hirokazu Fujisawa <fujisawa@pfu.fujitsu.com> |
| isns | 3205/tcp | iSNS Server Port |
| isns | 3205/udp | iSNS Server Port |
| # | | [RFC4171] |
| ironmail | 3206/tcp | IronMail POP Proxy |
| ironmail | 3206/udp | IronMail POP Proxy |
| # | | Mike Hudack <mike@mhudack.com> |
| vx-auth-port | 3207/tcp | Veritas Authentication Port |
| vx-auth-port | 3207/udp | Veritas Authentication Port |
| # | | Senthil Ponnuswamy <senthil@veritas.com> |
| pfu-prcallback | 3208/tcp | PFU PR Callback |
| pfu-prcallback | 3208/udp | PFU PR Callback |
| # | | Tetsuharu Hanada <hanada@pfu.fujitsu.com> |
| netwkpathengine | 3209/tcp | HP OpenView Network Path Engine Server |
| netwkpathengine | 3209/udp | HP OpenView Network Path Engine Server |
| # | | Anthony Walker <anthony_walker@hp.com> |
| flamenco-proxy | 3210/tcp | Flamenco Networks Proxy |
| flamenco-proxy | 3210/udp | Flamenco Networks Proxy |
| # | | Corey Corrick <corey.corrick@flamenconetworks.com> |
| avsecuremgmt | 3211/tcp | Avocent Secure Management |
| avsecuremgmt | 3211/udp | Avocent Secure Management |
| # | | Brian S. Stewart <Brian.Stewart@Avocent.com> |
| surveyinst | 3212/tcp | Survey Instrument |

| | | |
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| surveyinst | 3212/udp | Survey Instrument |
| # | | Al Amet <aamet@point-inc.com> |
| neon24x7 | 3213/tcp | NEON 24X7 Mission Control |
| neon24x7 | 3213/udp | NEON 24X7 Mission Control |
| # | | Tony Lubrano <tlubrano@neonsys.com> |
| jmq-daemon-1 | 3214/tcp | JMQ Daemon Port 1 |
| jmq-daemon-1 | 3214/udp | JMQ Daemon Port 1 |
| jmq-daemon-2 | 3215/tcp | JMQ Daemon Port 2 |
| jmq-daemon-2 | 3215/udp | JMQ Daemon Port 2 |
| # | | Martin West <Martin.West@spirit-soft.com> |
| ferrari-foam | 3216/tcp | Ferrari electronic FOAM |
| ferrari-foam | 3216/udp | Ferrari electronic FOAM |
| # | | Johann Deutinger <deutinger@ferrari-electronic.de> |
| unite | 3217/tcp | Unified IP & Telecomm Env |
| unite | 3217/udp | Unified IP & Telecomm Env |
| # | | Christer Gunnarsson |
| # | | <christer.gunnarsson@ascomtateco.se> |
| smartpackets | 3218/tcp | EMC SmartPackets |
| smartpackets | 3218/udp | EMC SmartPackets |
| # | | Steve Spataro <spataro_steve@emc.com> |
| wms-messenger | 3219/tcp | WMS Messenger |
| wms-messenger | 3219/udp | WMS Messenger |
| # | | Michael Monasterio <michael@wmssoftware.com> |
| xnm-ssl | 3220/tcp | XML NM over SSL |
| xnm-ssl | 3220/udp | XML NM over SSL |
| xnm-clear-text | 3221/tcp | XML NM over TCP |
| xnm-clear-text | 3221/udp | XML NM over TCP |
| # | | Mark Trostler <trostler@juniper.net> |
| glbp | 3222/tcp | Gateway Load Balancing Pr |
| glbp | 3222/udp | Gateway Load Balancing Pr |
| # | | Douglas McLaggan <glbp-info@cisco.com> |
| digivote | 3223/tcp | DIGIVOTE (R) Vote-Server |
| digivote | 3223/udp | DIGIVOTE (R) Vote-Server |
| # | | Christian Treczoks <ct@braehler.com> |
| aes-discovery | 3224/tcp | AES Discovery Port |
| aes-discovery | 3224/udp | AES Discovery Port |
| # | | Ken Richard <kenr@aeseducation.com> |
| fcip-port | 3225/tcp | FCIP |
| fcip-port | 3225/udp | FCIP |
| # | | RFC 3821 |
| isi-irp | 3226/tcp | ISI Industry Software IRP |
| isi-irp | 3226/udp | ISI Industry Software IRP |
| # | | Peter Sandstrom <peter.sandstrom@tassen.fi> |
| dwnmshttp | 3227/tcp | DiamondWave NMS Server |
| dwnmshttp | 3227/udp | DiamondWave NMS Server |
| dwmgsrserver | 3228/tcp | DiamondWave MSG Server |
| dwmgsrserver | 3228/udp | DiamondWave MSG Server |
| # | | Varma Bhupatiraju <varma@calient.net> |
| global-cd-port | 3229/tcp | Global CD Port |
| global-cd-port | 3229/udp | Global CD Port |
| # | | Vitaly Revsin <vitaly@netapp.com> |
| sftdst-port | 3230/tcp | Software Distributor Port |
| sftdst-port | 3230/udp | Software Distributor Port |
| # | | Andrea Lanza <andrea.lanza@frameweb.it> |
| dsnl | 3231/tcp | Delta Solutions Direct |
| dsnl | 3231/udp | Delta Solutions Direct |
| # | | Peter Ijkhout <peter@deltasolutions.nl> |

| | | |
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| mdtp | 3232/tcp | MDT port |
| mdtp | 3232/udp | MDT port |
| # | | IJsbrand Wijnands <ice@cisco.com> |
| whisker | 3233/tcp | WhiskerControl main port |
| whisker | 3233/udp | WhiskerControl main port |
| # | | Rudolf Cardinal <rudolf@pobox.com> February 2002 |
| alchemy | 3234/tcp | Alchemy Server |
| alchemy | 3234/udp | Alchemy Server |
| # | | Mikhail Belov <mikhail@imrgold.com> February 2002 |
| mdap-port | 3235/tcp | MDAP port |
| mdap-port | 3235/udp | MDAP Port |
| # | | Johan Deleu <johan.deleu@alcatel.be> February 2002 |
| apparenet-ts | 3236/tcp | appareNet Test Server |
| apparenet-ts | 3236/udp | appareNet Test Server |
| apparenet-tps | 3237/tcp | appareNet Test Packet Sequencer |
| apparenet-tps | 3237/udp | appareNet Test Packet Sequencer |
| apparenet-as | 3238/tcp | appareNet Analysis Server |
| apparenet-as | 3238/udp | appareNet Analysis Server |
| apparenet-ui | 3239/tcp | appareNet User Interface |
| apparenet-ui | 3239/udp | appareNet User Interface |
| # | | Fred Klassen <fklassen@jaalam.com> February 2002 |
| triomotion | 3240/tcp | Trio Motion Control Port |
| triomotion | 3240/udp | Trio Motion Control Port |
| # | | Tony Matthews <tmatthews@triomotion.com> February |
| 2002 | | |
| sysorb | 3241/tcp | SysOrb Monitoring Server |
| sysorb | 3241/udp | SysOrb Monitoring Server |
| # | | Jakob Oestergaard <joe@sysorb.com> February 2002 |
| sdp-id-port | 3242/tcp | Session Description ID |
| sdp-id-port | 3242/udp | Session Description ID |
| # | | Greg Rose <ggr@qualcomm.com> February 2002 |
| timelot | 3243/tcp | Timelot Port |
| timelot | 3243/udp | Timelot Port |
| # | | David Ferguson <dferguson@xtralot.com> February 2002 |
| onesaf | 3244/tcp | OneSAF |
| onesaf | 3244/udp | OneSAF |
| # | | Gene McCulley <mcculley@cuspy.com> February 2002 |
| vieo-fe | 3245/tcp | VIEO Fabric Executive |
| vieo-fe | 3245/udp | VIEO Fabric Executive |
| # | | James Cox <jocox@view.com> February 2002 |
| dvt-system | 3246/tcp | DVT SYSTEM PORT |
| dvt-system | 3246/udp | DVT SYSTEM PORT |
| dvt-data | 3247/tcp | DVT DATA LINK |
| dvt-data | 3247/udp | DVT DATA LINK |
| # | | Phillip Heil <phil.heil@dvtensors.com> February |
| 2002 | | |
| procos-lm | 3248/tcp | PROCOS LM |
| procos-lm | 3248/udp | PROCOS LM |
| # | | Torsten Rendelmann |
| # | | <torsten.rendelmann@procos.com> February 2002 |
| ssp | 3249/tcp | State Sync Protocol |
| ssp | 3249/udp | State Sync Protocol |
| # | | Stephane Beaulieu <stephane@cisco.com> February 2002 |
| hicp | 3250/tcp | HMS hicp port |
| hicp | 3250/udp | HMS hicp port |
| # | | Joel Palsson, HMS Industrial Networks AB |
| # | | <ianacontact@hms.se> February 2002 |

| | | |
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| sysscanner | 3251/tcp | Sys Scanner |
| sysscanner | 3251/udp | Sys Scanner |
| # | | Dick Georges <georges@monaco.net> February 2002 |
| dhe | 3252/tcp | DHE port |
| dhe | 3252/udp | DHE port |
| # | | Fabrizio Massimo Ferrara <fmf@gesi.it> February 2002 |
| pda-data | 3253/tcp | PDA Data |
| pda-data | 3253/udp | PDA Data |
| pda-sys | 3254/tcp | PDA System |
| pda-sys | 3254/udp | PDA System |
| # | | Jian Fan <fjian@dmfsys.com> February 2002 |
| semaphore | 3255/tcp | Semaphore Connection Port |
| semaphore | 3255/udp | Semaphore Connection Port |
| # | | Jay Eckles <ecklesweb@yahoo.com> February 2002 |
| cpqrpm-agent | 3256/tcp | Compaq RPM Agent Port |
| cpqrpm-agent | 3256/udp | Compaq RPM Agent Port |
| cpqrpm-server | 3257/tcp | Compaq RPM Server Port |
| cpqrpm-server | 3257/udp | Compaq RPM Server Port |
| # | | Royal King <royal.king@compaq.com> February 2002 |
| ivecon-port | 3258/tcp | Ivecon Server Port |
| ivecon-port | 3258/udp | Ivecon Server Port |
| # | | Serguei Tevs <STevs@ivecon.com> February 2002 |
| epncdp2 | 3259/tcp | Epson Network Common Devi |
| epncdp2 | 3259/udp | Epson Network Common Devi |
| # | | SEIKO EPSON Corporation - Oishi Toshiaki |
| # | | <Oishi.Toshiaki@exc.epson.co.jp> February 2002 |
| iscsi-target | 3260/tcp | iSCSI port |
| iscsi-target | 3260/udp | iSCSI port |
| # | | Julian Satran <Julian_Satran@il.ibm.com> |
| winshadow | 3261/tcp | winShadow |
| winshadow | 3261/udp | winShadow |
| # | | Colin Barry <cbarry@gbahn.com> |
| necp | 3262/tcp | NECP |
| necp | 3262/udp | NECP |
| # | | Alberto Cerpa <cerpa@isi.edu> |
| ecolor-imager | 3263/tcp | E-Color Enterprise Imager |
| ecolor-imager | 3263/udp | E-Color Enterprise Imager |
| # | | Tamara Baker <tbaker@ecolor.com> |
| ccmail | 3264/tcp | cc:mail/lotus |
| ccmail | 3264/udp | cc:mail/lotus |
| # | | <brockman@ccmail.com> |
| altav-tunnel | 3265/tcp | Altav Tunnel |
| altav-tunnel | 3265/udp | Altav Tunnel |
| # | | Gary M. Allen <gallen@symantec.com> |
| ns-cfg-server | 3266/tcp | NS CFG Server |
| ns-cfg-server | 3266/udp | NS CFG Server |
| # | | Aivi Lie <LIEA@netsoft.com> |
| ibm-dial-out | 3267/tcp | IBM Dial Out |
| ibm-dial-out | 3267/udp | IBM Dial Out |
| # | | Skip Booth <sbooth@VNET.IBM.COM> |
| msft-gc | 3268/tcp | Microsoft Global Catalog |
| msft-gc | 3268/udp | Microsoft Global Catalog |
| msft-gc-ssl | 3269/tcp | Microsoft Global Catalog with LDAP/SSL |
| msft-gc-ssl | 3269/udp | Microsoft Global Catalog with LDAP/SSL |
| # | | Asaf Kashi <asafk@microsoft.com> |
| verismart | 3270/tcp | Verismart |
| verismart | 3270/udp | Verismart |

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#                               Jay Weber <weber@vfi.com>
csoft-prev      3271/tcp      CSoft Prev Port
csoft-prev      3271/udp      CSoft Prev Port
#                               Nedelcho Stanev <decho@iname.com>
user-manager    3272/tcp      Fujitsu User Manager
user-manager    3272/udp      Fujitsu User Manager
#                               Yukihiko Sakurai <y-sakurai@ael.fujitsu.co.jp>
sxmlp           3273/tcp      Simple Extensible Multiplexed Protocol
sxmlp           3273/udp      Simple Extensible Multiplexed Protocol
#                               admin <iana@sightlinesystems.com>
ordinox-server  3274/tcp      Ordinox Server
ordinox-server  3274/udp      Ordinox Server
#                               Denis Ducharme <dducharme@softek.com>
samd            3275/tcp      SAMD
samd            3275/udp      SAMD
#                               Edgar Circenis <ec@fc.hp.com>
maxim-asics     3276/tcp      Maxim ASICs
maxim-asics     3276/udp      Maxim ASICs
#                               Dave Inman <davei@mxim.com>
awg-proxy       3277/tcp      AWG Proxy
awg-proxy       3277/udp      AWG Proxy
#                               Alex McDonald <alexm@an.hp.com>
lkcmserver      3278/tcp      LKCM Server
lkcmserver      3278/udp      LKCM Server
#                               Javier Jimenez
admind          3279/tcp      admind
admind          3279/udp      admind
#                               Jeff Haynes <haynes@chistech.com>
vs-server       3280/tcp      VS Server
vs-server       3280/udp      VS Server
#                               Scott Godlew <Scott@godlew.com>
sysopt          3281/tcp      SYSOPT
sysopt          3281/udp      SYSOPT
#                               Tony Hoffman <ajh@unx.dec.com>
datusorb        3282/tcp      Datusorb
datusorb        3282/udp      Datusorb
#                               Thomas Martin <thomas@datu-usa.com>
net-assistant   3283/tcp      Net Assistant
net-assistant   3283/udp      Net Assistant
#                               Michael Stein <mvs@apple.com>
4talk           3284/tcp      4Talk
4talk           3284/udp      4Talk
#                               Tony Bushnell <tony_bushnell@four-sight.co.uk>
plato           3285/tcp      Plato
plato           3285/udp      Plato
#                               Jim Battin <battin@tro.com>
e-net           3286/tcp      E-Net
e-net           3286/udp      E-Net
#                               Steven Grigsby <sgrigsby@austin.eent.com>
directvdata     3287/tcp      DIRECTVDATA
directvdata     3287/udp      DIRECTVDATA
#                               Michael Friedman <mfr1@worldnet.att.net>
cops            3288/tcp      COPS
cops            3288/udp      COPS
#                               Shai Herzog <herzog@iphighway.com>
enpc            3289/tcp      ENPC
enpc            3289/udp      ENPC

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#                SEIKO EPSON <Ishida.Hitoshi@exc.epson.co.jp>
caps-lm          3290/tcp    CAPS LOGISTICS TOOLKIT - LM
caps-lm          3290/udp    CAPS LOGISTICS TOOLKIT - LM
#                Joseph Krebs <joek@caps.com>
sah-lm           3291/tcp    S A Holditch & Associates - LM
sah-lm           3291/udp    S A Holditch & Associates - LM
#                Randy Hudgens <rrh@mail.holditch.com>
cart-o-rama      3292/tcp    Cart O Rama
cart-o-rama      3292/udp    Cart O Rama
#                Phillip Dillinger <Phillip.Dillinger@sealabs.com>
fg-fps           3293/tcp    fg-fps
fg-fps           3293/udp    fg-fps
fg-gip           3294/tcp    fg-gip
fg-gip           3294/udp    fg-gip
#                Jean-Marc Frailong <jmf@freegate.net>
dyniplookup      3295/tcp    Dynamic IP Lookup
dyniplookup      3295/udp    Dynamic IP Lookup
#                Eugene Osovetsky <eugeneo@geocities.com>
rib-slm          3296/tcp    Rib License Manager
rib-slm          3296/udp    Rib License Manager
#                Kristean Heisler <kh@rib.de>
cytel-lm         3297/tcp    Cytel License Manager
cytel-lm         3297/udp    Cytel License Manager
#                Yogesh P. Gajjar <yogesh@cytel.com>
deskview         3298/tcp    DeskView
deskview         3298/udp    DeskView
#                Manfred Randelzofer
#                <manfred.randelzofer@fujitsu-siemens.com>
pdrncs          3299/tcp    pdrncs
pdrncs          3299/udp    pdrncs
#                Paul Wissenbach <paulwi@vnd.tek.com>
#####          3300-3301  Unauthorized Use by SAP R/3  #####
mcs-fastmail     3302/tcp    MCS Fastmail
mcs-fastmail     3302/udp    MCS Fastmail
#                Patti Jo Newsom <pjn@mcsdallas.com>
opsession-clnt   3303/tcp    OP Session Client
opsession-clnt   3303/udp    OP Session Client
opsession-srvr   3304/tcp    OP Session Server
opsession-srvr   3304/udp    OP Session Server
#                Amir Blich <amir@netmanage.co.il>
odette-ftp       3305/tcp    ODETTE-FTP
odette-ftp       3305/udp    ODETTE-FTP
#                David Nash <dnash@ford.com>
mysql            3306/tcp    MySQL
mysql            3306/udp    MySQL
#                Monty <monty@analytikerna.se>
opsession-prxy   3307/tcp    OP Session Proxy
opsession-prxy   3307/udp    OP Session Proxy
#                Amir Blich <amir@netmanage.co.il>
tns-server       3308/tcp    TNS Server
tns-server       3308/udp    TNS Server
tns-adv          3309/tcp    TNS ADV
tns-adv          3309/udp    TNS ADV
#                Jerome Albin <albin@taec.enet.dec.com>
dyna-access      3310/tcp    Dyna Access
dyna-access      3310/udp    Dyna Access
#                Dave Belliveau

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#                               <DaveBelliveau@cornerstonesoftware.com>
mcns-tel-ret      3311/tcp    MCNS Tel Ret
mcns-tel-ret      3311/udp    MCNS Tel Ret
#                               Randall Atkinson <rja@home.net>
appman-server     3312/tcp    Application Management Server
appman-server     3312/udp    Application Management Server
uorb              3313/tcp    Unify Object Broker
uorb              3313/udp    Unify Object Broker
uohost           3314/tcp    Unify Object Host
uohost           3314/udp    Unify Object Host
#                               Duane Gibson <ianaportmaster@unify.com>
cdid              3315/tcp    CDID
cdid              3315/udp    CDID
#                               Andrew Borisov <hdr@chat.ru>
aicc-cmi          3316/tcp    AICC/CMI
aicc-cmi          3316/udp    AICC/CMI
#                               William McDonald <billmc@atc.boeing.com>
vsaiport         3317/tcp    VSAI PORT
vsaiport         3317/udp    VSAI PORT
#                               Rieko Asai <asai@isl.mei.co.jp>
ssrip            3318/tcp    Swith to Swith Routing Information Protocol
ssrip            3318/udp    Swith to Swith Routing Information Protocol
#                               Baba Hidekazu <baba@flare.nd.net.fujitsu.co.jp>
sdt-lmd          3319/tcp    SDT License Manager
sdt-lmd          3319/udp    SDT License Manager
#                               Salvo Nassisi <sdtech@tin.it>
officelink2000   3320/tcp    Office Link 2000
officelink2000   3320/udp    Office Link 2000
#                               Mike Balch <mbalch@teltone.com>
vnsstr           3321/tcp    VNSSTR
vnsstr           3321/udp    VNSSTR
#                               Takeshi Ohmura <ohmura@isl.mei.co.jp>
active-net       3322-3325  Active Networks
#                               Bob Braden <braden@isi.edu>
sftu             3326/tcp    SFTU
sftu             3326/udp    SFTU
#                               Eduardo Rosenberg de Moura <eduardor@spacenet.com.br>
bbars            3327/tcp    BBARS
bbars            3327/udp    BBARS
#                               Lou Harris <lharris@outlx.bandl.com>
egptlm          3328/tcp    Eaglepoint License Manager
egptlm          3328/udp    Eaglepoint License Manager
#                               Dave Benton <dave.benton@eaglepoint.com>
hp-device-disc   3329/tcp    HP Device Disc
hp-device-disc   3329/udp    HP Device Disc
#                               Shivaun Albright <shivaun_albright@hp.com>
mcs-calypsoicf   3330/tcp    MCS Calypso ICF
mcs-calypsoicf   3330/udp    MCS Calypso ICF
mcs-messaging    3331/tcp    MCS Messaging
mcs-messaging    3331/udp    MCS Messaging
mcs-mailsvr      3332/tcp    MCS Mail Server
mcs-mailsvr      3332/udp    MCS Mail Server
#                               Patti Jo Newsom <pjn@mcsdallas.com>
dec-notes        3333/tcp    DEC Notes
dec-notes        3333/udp    DEC Notes
#                               Kim Moraros <moraros@via.enet.dec.com>
directv-web      3334/tcp    Direct TV Webcasting

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directv-web      3334/udp    Direct TV Webcasting
directv-soft     3335/tcp    Direct TV Software Updates
directv-soft     3335/udp    Direct TV Software Updates
directv-tick     3336/tcp    Direct TV Tickers
directv-tick     3336/udp    Direct TV Tickers
directv-catlg    3337/tcp    Direct TV Data Catalog
directv-catlg    3337/udp    Direct TV Data Catalog
#               Michael Friedman <mfr1@worldnet.att.net>
anet-b          3338/tcp    OMF data b
anet-b          3338/udp    OMF data b
anet-l          3339/tcp    OMF data l
anet-l          3339/udp    OMF data l
anet-m          3340/tcp    OMF data m
anet-m          3340/udp    OMF data m
anet-h          3341/tcp    OMF data h
anet-h          3341/udp    OMF data h
#               Per Sahlqvist <psahlqvi@sw.seisy.abb.se>
webtie         3342/tcp    WebTIE
webtie         3342/udp    WebTIE
#               Kevin Frender <kbf@ngdc.noaa.gov>
ms-cluster-net  3343/tcp    MS Cluster Net
ms-cluster-net  3343/udp    MS Cluster Net
#               Mike Massa <mikemas@microsoft.com>
bnt-manager     3344/tcp    BNT Manager
bnt-manager     3344/udp    BNT Manager
#               Brian J. Ives <Brian.Ives@BadgerNT.com>
influence       3345/tcp    Influence
influence       3345/udp    Influence
#               Russ Ferriday <russf@topia.com>
trnsprntproxy  3346/tcp    Trnsprnt Proxy
trnsprntproxy  3346/udp    Trnsprnt Proxy
#               Grant Kirby <grant_kirby@ccm.al.intel.com>
phoenix-rpc     3347/tcp    Phoenix RPC
phoenix-rpc     3347/udp    Phoenix RPC
#               Ian Anderson <ian_anderson@phoenix.com>
pangolin-laser  3348/tcp    Pangolin Laser
pangolin-laser  3348/udp    Pangolin Laser
#               William Benner <William_Benner@msn.com>
chevinservices  3349/tcp    Chevin Services
chevinservices  3349/udp    Chevin Services
#               Gus McNaughton <gus@chevin.com>
findviatv      3350/tcp    FINDVIATV
findviatv      3350/udp    FINDVIATV
#               Oran Davis <oran@8x8.com>
btrieve         3351/tcp    Btrieve port
btrieve         3351/udp    Btrieve port
ssql           3352/tcp    Scalable SQL
ssql           3352/udp    Scalable SQL
#               Chuck Talk <ctalk@pervasive.com>
fatpipe         3353/tcp    FATPIPE
fatpipe         3353/udp    FATPIPE
#               Sanchaita Datta <sdatta@ragula.com>
suitjd         3354/tcp    SUITJD
suitjd         3354/udp    SUITJD
#               Todd Moyer <tsm@unx.dec.com>
ordinox-dbase   3355/tcp    Ordinox Dbase
ordinox-dbase   3355/udp    Ordinox Dbase

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#                               Denis Ducharme <d Ducharme@softek.com>
upnotifyps 3356/tcp  UPNOTIFYPS
upnotifyps 3356/udp  UPNOTIFYPS
#                               Mark Fox <markf@uplanet.com>
adtech-test 3357/tcp  Adtech Test IP
adtech-test 3357/udp  Adtech Test IP
#                               Robin Uyeshiro <robin_u@adtech-inc.com>
mpsysrmsvr 3358/tcp  Mp Sys Rmsvr
mpsysrmsvr 3358/udp  Mp Sys Rmsvr
#                               Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
wg-netforce 3359/tcp  WG NetForce
wg-netforce 3359/udp  WG NetForce
#                               Lee Wheat <wheat@wg.com>
kv-server 3360/tcp  KV Server
kv-server 3360/udp  KV Server
kv-agent 3361/tcp  KV Agent
kv-agent 3361/udp  KV Agent
#                               Thomas Soranno <tom_soranno@cipartners.com>
dj-ilm 3362/tcp  DJ ILM
dj-ilm 3362/udp  DJ ILM
#                               Don Tyson
nati-vi-server 3363/tcp  NATI Vi Server
nati-vi-server 3363/udp  NATI Vi Server
#                               Robert Dye <rob@natinst.com>
creativeserver 3364/tcp  Creative Server
creativeserver 3364/udp  Creative Server
contentserver 3365/tcp  Content Server
contentserver 3365/udp  Content Server
creativepartnr 3366/tcp  Creative Partner
creativepartnr 3366/udp  Creative Partner
#                               Jesus Ortiz <Jesus_A._Ortiz@notes.emotion.com>
satvid-datalnk 3367-3371  Satellite Video Data Link
#                               Scott Engel <ScottX_Engel@ccm.jf.intel.com>
tip2 3372/tcp  TIP 2
tip2 3372/udp  TIP 2
#                               Keith Evans <keith@loc252.tandem.com>
lavenir-lm 3373/tcp  Lavenir License Manager
lavenir-lm 3373/udp  Lavenir License Manager
#                               Marius Matioc <marius@lavenir.com>
cluster-disc 3374/tcp  Cluster Disc
cluster-disc 3374/udp  Cluster Disc
#                               Jeff Hughes <Jeff.Hughes@columbiasc.ncr.com>
vsnm-agent 3375/tcp  VSNM Agent
vsnm-agent 3375/udp  VSNM Agent
#                               Venkat Rangan <venkatr@vitalsigns.com>
cdbroker 3376/tcp  CD Broker
cdbroker 3376/udp  CD Broker
#                               Moon Ho Chung <mchung@esps.com>
cogsys-lm 3377/tcp  Cogsys Network License Manager
cogsys-lm 3377/udp  Cogsys Network License Manager
#                               Simon Chinnick <support@cogsys.co.uk>
wsicopy 3378/tcp  WSICOPY
wsicopy 3378/udp  WSICOPY
#                               James Overby
socorfs 3379/tcp  SOCORFS
socorfs 3379/udp  SOCORFS
#                               Hugo Charbonneau
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sns-channels      3380/tcp    SNS Channels
sns-channels      3380/udp    SNS Channels
#                Shekar Pasumarthi <shekarp@firstfloor.com>
geneous           3381/tcp    Geneous
geneous           3381/udp    Geneous
#                Nick de Smith <nick@desmith.net>
fujitsu-neat     3382/tcp    Fujitsu Network Enhanced Antitheft function
fujitsu-neat     3382/udp    Fujitsu Network Enhanced Antitheft function
#                Markku Viima <markku.viima@team.icl.se>
esp-lm           3383/tcp    Enterprise Software Products License Manager
esp-lm           3383/udp    Enterprise Software Products License Manager
#                George Rudy <george@entsoft.com>
hp-clic           3384/tcp    Cluster Management Services
hp-clic          3384/udp    Hardware Management
#                Rajesh Srinivasaraghavan <srajesh@cup.hp.com>
qnxnetman        3385/tcp    qnxnetman
qnxnetman        3385/udp    qnxnetman
#                Michael Hunter <mphunter@qnx.com>
gprs-data        3386/tcp    GPRS Data
gprs-sig         3386/udp    GPRS SIG
#                Ansgar Bergmann <Ansgar.Bergmann@etsi.fr>
backroomnet      3387/tcp    Back Room Net
backroomnet      3387/udp    Back Room Net
#                Clayton Wilkinson <cwilkinson@carreker.com>
cbserver         3388/tcp    CB Server
cbserver         3388/udp    CB Server
#                Allen Wei <Allen_Wei@arborsoft.com>
ms-wbt-server    3389/tcp    MS WBT Server
ms-wbt-server    3389/udp    MS WBT Server
#                Ritu Bahl <ritub@microsoft.com>
dsc              3390/tcp    Distributed Service Coordinator
dsc              3390/udp    Distributed Service Coordinator
#                Chas Honton <chas@secant.com>
savant           3391/tcp    SAVANT
savant           3391/udp    SAVANT
#                Andy Bruce <franklin_yah@yahoo.com>
efi-lm           3392/tcp    EFI License Management
efi-lm           3392/udp    EFI License Management
#                Ross E. Greinke <greinker@execpc.com>
d2k-tapestry1   3393/tcp    D2K Tapestry Client to Server
d2k-tapestry1   3393/udp    D2K Tapestry Client to Server
d2k-tapestry2   3394/tcp    D2K Tapestry Server to Server
d2k-tapestry2   3394/udp    D2K Tapestry Server to Server
#                Eric Lan <elan@d2k.com>
dyna-lm          3395/tcp    Dyna License Manager (Elam)
dyna-lm          3395/udp    Dyna License Manager (Elam)
#                Anjana Iyer <anjana@dyna.com>
printer_agent    3396/tcp    Printer Agent
printer_agent    3396/udp    Printer Agent
#                Devon Taylor <dtaylor@novell.com>
cloanto-lm       3397/tcp    Cloanto License Manager
cloanto-lm       3397/udp    Cloanto License Manager
#                Takeo Sato <takeo_sato-iana@cloanto.com>
mercantile       3398/tcp    Mercantile
mercantile       3398/udp    Mercantile
#                Erik Kragh Jensen <kragh@inet.uni2.dk>
csms             3399/tcp    CSMS

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| | | |
|----------------|----------|--|
| csms | 3399/udp | CSMS |
| csms2 | 3400/tcp | CSMS2 |
| csms2 | 3400/udp | CSMS2 |
| # | | Markus Michels <mimi@cedros.com> |
| filecast | 3401/tcp | filecast |
| filecast | 3401/udp | filecast |
| # | | Eden Sherry <eden@pair.com> |
| fxaengine-net | 3402/tcp | FXa Engine Network Port |
| fxaengine-net | 3402/udp | FXa Engine Network Port |
| # | | Lucas Alonso <luke@demiurgestudios.com> February |
| 2002 | | |
| # | 3403 | De-registered on 2006-10-27 |
| # | 3404 | Removed (2002-05-01) |
| nokia-ann-ch1 | 3405/tcp | Nokia Announcement ch 1 |
| nokia-ann-ch1 | 3405/udp | Nokia Announcement ch 1 |
| nokia-ann-ch2 | 3406/tcp | Nokia Announcement ch 2 |
| nokia-ann-ch2 | 3406/udp | Nokia Announcement ch 2 |
| # | | Morteza Kalhour <Morteza.Kalhour@Nokia.com> February |
| 2002 | | |
| ldap-admin | 3407/tcp | LDAP admin server port |
| ldap-admin | 3407/udp | LDAP admin server port |
| # | | Stephen Tsun <stsun@calient.net> February 2002 |
| issapi | 3408/tcp | POWERpack API Port |
| issapi | 3408/udp | POWERpack API Port |
| # | | Colin Griffiths <colin.griffiths@int-link.com> |
| February 2002 | | |
| networklens | 3409/tcp | NetworkLens Event Port |
| networklens | 3409/udp | NetworkLens Event Port |
| networklenss | 3410/tcp | NetworkLens SSL Event |
| networklenss | 3410/udp | NetworkLens SSL Event |
| # | | Greg Bailey <gbailey@lxpro.com> February 2002 |
| biolink-auth | 3411/tcp | BioLink Authenteon server |
| biolink-auth | 3411/udp | BioLink Authenteon server |
| # | | BioLink Support <reginfo@biolinkusa.com> February |
| 2002 | | |
| xmlblaster | 3412/tcp | xmlBlaster |
| xmlblaster | 3412/udp | xmlBlaster |
| # | | Marcel Ruff <mr@marcelruff.info> February 2002 |
| svnet | 3413/tcp | SpecView Networking |
| svnet | 3413/udp | SpecView Networking |
| # | | Richard Dickins <rad@specview.com> February 2002 |
| wip-port | 3414/tcp | BroadCloud WIP Port |
| wip-port | 3414/udp | BroadCloud WIP Port |
| bcinameservice | 3415/tcp | BCI Name Service |
| bcinameservice | 3415/udp | BCI Name Service |
| # | | Dennis Parker <dparker@broadcloud.com> February 2002 |
| commandport | 3416/tcp | AirMobile IS Command Port |
| commandport | 3416/udp | AirMobile IS Command Port |
| # | | Mike Klein <m.klein@motorla.com> February 2002 |
| csvr | 3417/tcp | ConServR file translation |
| csvr | 3417/udp | ConServR file translation |
| # | | Albert Leung <aleung@biscom.com> February 2002 |
| rnmap | 3418/tcp | Remote nmap |
| rnmap | 3418/udp | Remote nmap |
| # | | Tuomo Makinen <tmakinen@pp.htv.fi> February 2002 |
| softaudit | 3419/tcp | ISogon SoftAudit |
| softaudit | 3419/udp | ISogon SoftAudit |

| | | |
|----------------|----------|---|
| # | | Per Hellberg <phellberg@isogon.com> February 2002 |
| ifcp-port | 3420/tcp | iFCP User Port |
| ifcp-port | 3420/udp | iFCP User Port |
| # | | RFC 4172 - September 2005 |
| bmap | 3421/tcp | Bull Apprise portmapper |
| bmap | 3421/udp | Bull Apprise portmapper |
| # | | Jeremy Gilbert <J.Gilbert@ma30.bull.com> |
| rusb-sys-port | 3422/tcp | Remote USB System Port |
| rusb-sys-port | 3422/udp | Remote USB System Port |
| # | | Steven Klein <stevek@ionetworks.com> February 2002 |
| xtrm | 3423/tcp | xTrade Reliable Messaging |
| xtrm | 3423/udp | xTrade Reliable Messaging |
| xtrms | 3424/tcp | xTrade over TLS/SSL |
| xtrms | 3424/udp | xTrade over TLS/SSL |
| # | | Mats Nilsson <mats.nilsson@xware.se> February 2002 |
| agps-port | 3425/tcp | AGPS Access Port |
| agps-port | 3425/udp | AGPS Access Port |
| # | | Kristoffer Nilsson |
| # | | <kristoffer.nilsson@hutchison3g.com> February 2002 |
| arkivio | 3426/tcp | Arkivio Storage Protocol |
| arkivio | 3426/udp | Arkivio Storage Protocol |
| # | | Bruce Greenblatt <bruce@arkivio.com> February 2002 |
| websphere-snmp | 3427/tcp | WebSphere SNMP |
| websphere-snmp | 3427/udp | WebSphere SNMP |
| # | | Richard Mills <ramills@us.ibm.com> February 2002 |
| twcss | 3428/tcp | 2Wire CSS |
| twcss | 3428/udp | 2Wire CSS |
| # | | 2Wire IANA Contact <iana@2wire.com> February 2002 |
| gcsp | 3429/tcp | GCSP user port |
| gcsp | 3429/udp | GCSP user port |
| # | | Anirban Majumder <majumderanirban@lycos.com> March |
| 2002 | | |
| ssdispatch | 3430/tcp | Scott Studios Dispatch |
| ssdispatch | 3430/udp | Scott Studios Dispatch |
| # | | Michael Settles <michael.settles@verizon.net> March |
| 2002 | | |
| ndl-als | 3431/tcp | Active License Server Port |
| ndl-als | 3431/udp | Active License Server Port |
| # | | Quentin Brown <ndldev@ndl.co.uk> March 2002 |
| osdcp | 3432/tcp | Secure Device Protocol |
| osdcp | 3432/udp | Secure Device Protocol |
| # | | Peter Fernandez <fernandez@omnisech.ch> March 2002 |
| alta-smp | 3433/tcp | Altaworks Service Management Platform |
| alta-smp | 3433/udp | Altaworks Service Management Platform |
| # | | Ted Macomber <TedM@Altaworks.com> March 2002 |
| opencm | 3434/tcp | OpenCM Server |
| opencm | 3434/udp | OpenCM Server |
| # | | Jonathan S. Shapiro <registrar@eros-os.org> March |
| 2002 | | |
| pacom | 3435/tcp | Pacom Security User Port |
| pacom | 3435/udp | Pacom Security User Port |
| # | | Steve Barton <steveb@pacom.com> March 2002 |
| gc-config | 3436/tcp | GuardControl Exchange Protocol |
| gc-config | 3436/udp | GuardControl Exchange Protocol |
| # | | Andreas Schwarz <andi@trancefield.de> March 2002 |
| autocueds | 3437/tcp | Autocue Directory Service |
| autocueds | 3437/udp | Autocue Directory Service |

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# Geoff Back <geoff@autocue.co.uk> March 2002
spiral-admin 3438/tcp Spiralcraft Admin
spiral-admin 3438/udp Spiralcraft Admin
# Michael Toth <mike@spiralcraft.com> March 2002
hri-port 3439/tcp HRI Interface Port
hri-port 3439/udp HRI Interface Port
# John Fayos <john.fayos@criticallink.com> March 2002
ans-console 3440/tcp Net Steward Mgmt Console
ans-console 3440/udp Net Steward Mgmt Console
# John Richmond <developers@securitydesigners.com>
March 2002
connect-client 3441/tcp OC Connect Client
connect-client 3441/udp OC Connect Client
connect-server 3442/tcp OC Connect Server
connect-server 3442/udp OC Connect Server
# Mike Velten <mike.Velten@liebert.com> March 2002
ov-nnm-websrv 3443/tcp OpenView Network Node Manager WEB Server
ov-nnm-websrv 3443/udp OpenView Network Node Manager WEB Server
# Anthony Walker <anthony_walker@hp.com> March 2002
denali-server 3444/tcp Denali Server
denali-server 3444/udp Denali Server
# Joe Devlin <Joe.Devlin@rocketsoftware.com> March
2002
monp 3445/tcp Media Object Network
monp 3445/udp Media Object Network
# Ron Herardian <rherardi@gssnet.com> March 2002
3comfaxrpc 3446/tcp 3Com FAX RPC port
3comfaxrpc 3446/udp 3Com FAX RPC port
# Christopher Wells <christopher_wells@3com.com> April
2002
directnet 3447/tcp DirectNet IM System
directnet 3447/udp DirectNet IM System
# Gregory Richards <Richards@codu.org> April 2002
dnc-port 3448/tcp Discovery and Net Config
dnc-port 3448/udp Discovery and Net Config
# Chi Chen <chichen@us.ibm.com> April 2002
hotu-chat 3449/tcp HotU Chat
hotu-chat 3449/udp HotU Chat
# Tim Burgess <tim@hotu.com> April 2002
castorproxy 3450/tcp CASTorProxy
castorproxy 3450/udp CASTorProxy
# Raymond J. Young <Raymond.Young@ca.com> April 2002
asam 3451/tcp ASAM Services
asam 3451/udp ASAM Services
# Mike Gossett <mike@omnibond.com> April 2002
sabp-signal 3452/tcp SABP-Signalling Protocol
sabp-signal 3452/udp SABP-Signalling Protocol
# Brendan McWilliams
<brendan.mcwilliams@vf.vodafone.co.uk> April 2002
pscupd 3453/tcp PSC Update Port
pscupd 3453/udp PSC Update Port
# Reid B. Ligon <reid.ligon@pscnet.com>
mira 3454/tcp Apple Remote Access Protocol
# Mike Alexander <mta@um.cc.umich.edu>
prsvp 3455/tcp RSVP Port
prsvp 3455/udp RSVP Port
# Bob Braden <Braden@isi.edu>

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| | | |
|-----------------|----------|---|
| vat | 3456/tcp | VAT default data |
| vat | 3456/udp | VAT default data |
| # | | Van Jacobson <van@ee.lbl.gov> |
| vat-control | 3457/tcp | VAT default control |
| vat-control | 3457/udp | VAT default control |
| # | | Van Jacobson <van@ee.lbl.gov> |
| d3winosfi | 3458/tcp | D3WinOSFI |
| d3winosfi | 3458/udp | D3WinOSFI |
| # | | Brad Hamilton <bh@picksys.com> |
| integral | 3459/tcp | TIP Integral |
| integral | 3459/udp | TIP Integral |
| # | | Olivier Mascia <om@tipgroup.com> |
| edm-manager | 3460/tcp | EDM Manger |
| edm-manager | 3460/udp | EDM Manger |
| edm-stager | 3461/tcp | EDM Stager |
| edm-stager | 3461/udp | EDM Stager |
| edm-std-notify | 3462/tcp | EDM STD Notify |
| edm-std-notify | 3462/udp | EDM STD Notify |
| edm-adm-notify | 3463/tcp | EDM ADM Notify |
| edm-adm-notify | 3463/udp | EDM ADM Notify |
| edm-mgr-sync | 3464/tcp | EDM MGR Sync |
| edm-mgr-sync | 3464/udp | EDM MGR Sync |
| edm-mgr-cntrl | 3465/tcp | EDM MGR Cntrl |
| edm-mgr-cntrl | 3465/udp | EDM MGR Cntrl |
| # | | Tom Hennessy <thenn@novadigm.com> |
| workflow | 3466/tcp | WORKFLOW |
| workflow | 3466/udp | WORKFLOW |
| # | | Robert Hufsky <rhufsky@csesys.co.at> |
| rcst | 3467/tcp | RCST |
| rcst | 3467/udp | RCST |
| # | | Kit Sturgeon <Kit@remotecontrolsextoys.com> |
| ttdcmremotectrl | 3468/tcp | TTCM Remote Controll |
| ttdcmremotectrl | 3468/udp | TTCM Remote Controll |
| # | | Yossi Cohen-Shahar <yossi@proxy.co.il> |
| pluribus | 3469/tcp | Pluribus |
| pluribus | 3469/udp | Pluribus |
| # | | Mark Miller <markm@caplet.com> |
| jt400 | 3470/tcp | jt400 |
| jt400 | 3470/udp | jt400 |
| jt400-ssl | 3471/tcp | jt400-ssl |
| jt400-ssl | 3471/udp | jt400-ssl |
| # | | Clifton Nock <cnock@us.ibm.com> |
| jaugsremotec-1 | 3472/tcp | JAUGS N-G Remotec 1 |
| jaugsremotec-1 | 3472/udp | JAUGS N-G Remotec 1 |
| jaugsremotec-2 | 3473/tcp | JAUGS N-G Remotec 2 |
| jaugsremotec-2 | 3473/udp | JAUGS N-G Remotec 2 |
| # | | Steven B. Cliff <scliff@remotec-andros.com> April |
| 2002 | | |
| ttntspauto | 3474/tcp | TSP Automation |
| ttntspauto | 3474/udp | TSP Automation |
| # | | Arnie Koster <akoster@teltone.com> April 2002 |
| genisar-port | 3475/tcp | Genisar Comm Port |
| genisar-port | 3475/udp | Genisar Comm Port |
| # | | Candace Niccolson <cniccolson@genisar.com> April |
| 2002 | | |
| nppmp | 3476/tcp | NVIDIA Mgmt Protocol |
| nppmp | 3476/udp | NVIDIA Mgmt Protocol |

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|-----------------|----------|--|
| # | | Gilbert Yeung <gyeung@nvidia.com> April 2002 |
| ecomm | 3477/tcp | eComm link port |
| ecomm | 3477/udp | eComm link port |
| # | | Thomas Soerensen <thomassoerensen@stofanet.dk> April |
| 2002 | | |
| nat-stun-port | 3478/tcp | Simple Traversal of UDP Through NAT (STUN) port |
| nat-stun-port | 3478/udp | Simple Traversal of UDP Through NAT (STUN) port |
| # | | Jonathan Rosenberg <jdrosen@dynamicsoft.com> April |
| 2002 | | |
| twrpc | 3479/tcp | 2Wire RPC |
| twrpc | 3479/udp | 2Wire RPC |
| # | | 2Wire IANA Contact <iana@2wire.com> April 2002 |
| plethora | 3480/tcp | Secure Virtual Workspace |
| plethora | 3480/udp | Secure Virtual Workspace |
| # | | Tim Simms <tsimms@plethoratech.com> April 2002 |
| cleanerliverc | 3481/tcp | CleanerLive remote ctrl |
| cleanerliverc | 3481/udp | CleanerLive remote ctrl |
| # | | David Mojdehi <david.mojdehi@autodesk.com> April |
| 2002 | | |
| vulture | 3482/tcp | Vulture Monitoring System |
| vulture | 3482/udp | Vulture Monitoring System |
| # | | Jason Santos <jason.santos@megaslow.net> April 2002 |
| slim-devices | 3483/tcp | Slim Devices Protocol |
| slim-devices | 3483/udp | Slim Devices Protocol |
| # | | Sean Adams <sean@slimdevices.com> May 2002 |
| gbs-stp | 3484/tcp | GBS SnapTalk Protocol |
| gbs-stp | 3484/udp | GBS SnapTalk Protocol |
| # | | Eric Harris-Braun <eric@glassbead.com> May 2002 |
| celatalk | 3485/tcp | CelaTalk |
| celatalk | 3485/udp | CelaTalk |
| # | | Carl Blundell <cblundell@celador.co.uk> May 2002 |
| ifsf-hb-port | 3486/tcp | IFSF Heartbeat Port |
| ifsf-hb-port | 3486/udp | IFSF Heartbeat Port |
| # | | IFSF Secretary <secretary@ifsf.org> May 2002 |
| ltctcp | 3487/tcp | LISA TCP Transfer Channel |
| lrcudp | 3487/udp | LISA UDP Transfer Channel |
| # | | Pit Vetterick <pit@3dgo.com> May 2002 |
| fs-rh-srv | 3488/tcp | FS Remote Host Server |
| fs-rh-srv | 3488/udp | FS Remote Host Server |
| # | | Brian Nickles <RogueSpear91@hotmail.com> May 2002 |
| dtp-dia | 3489/tcp | DTP/DIA |
| dtp-dia | 3489/udp | DTP/DIA |
| # | | Alexei V. Soloviev <avsolov@lab127.karelia.ru> May |
| 2002 | | |
| colubris | 3490/tcp | Colubris Management Port |
| colubris | 3490/udp | Colubris Management Port |
| # | | Gilbert Moineau <gilbert.moineau@colubris.com> May |
| 2002 | | |
| swr-port | 3491/tcp | SWR Port |
| swr-port | 3491/udp | SWR Port |
| # | | Ian Manning <imanning@dtsuk.com> May 2002 |
| tvstumtray-port | 3492/tcp | TVDUM Tray Port |
| tvstumtray-port | 3492/udp | TVDUM Tray Port |
| # | | Peter Boers <boers@isisglobal.nl> May 2002 |
| nut | 3493/tcp | Network UPS Tools |
| nut | 3493/udp | Network UPS Tools |
| # | | Russell Kroll <nut-iana@exploits.org> May 2002 |

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|----------------|----------|---|
| ibm3494 | 3494/tcp | IBM 3494 |
| ibm3494 | 3494/udp | IBM 3494 |
| # | | Jeffrey Pilch <jpilch@us.ibm.com> |
| seclayer-tcp | 3495/tcp | securitylayer over tcp |
| seclayer-tcp | 3495/udp | securitylayer over tcp |
| seclayer-tls | 3496/tcp | securitylayer over tls |
| seclayer-tls | 3496/udp | securitylayer over tls |
| # | | Arno Hollosi <arno.hollosi@cio.gv.at> March 2002 |
| ipether232port | 3497/tcp | ipEther232Port |
| ipether232port | 3497/udp | ipEther232Port |
| # | | Marcus Leufgen <leufgen@ipc.as.de> May 2002 |
| dashpas-port | 3498/tcp | DASHPAS user port |
| dashpas-port | 3498/udp | DASHPAS user port |
| # | | Albrecht Mayer <albrecht.mayer@infineon.com> May 2002 |
| sccip-media | 3499/tcp | SccIP Media |
| sccip-media | 3499/udp | SccIP Media |
| # | | David Yon <dyon@dialout.net> May 2002 |
| rtmp-port | 3500/tcp | RTMP Port |
| rtmp-port | 3500/udp | RTMP Port |
| # | | Miriam Wohlgelernter <miriamw@adirtech.com> |
| isoft-p2p | 3501/tcp | iSoft-P2P |
| isoft-p2p | 3501/udp | iSoft-P2P |
| # | | David Walling <dwalling@isoft.com> |
| avinstalldisc | 3502/tcp | Avocent Install Discovery |
| avinstalldisc | 3502/udp | Avocent Install Discovery |
| # | | Brian S. Stewart <Brian.Stewart@Avovent.com> |
| lsp-ping | 3503/tcp | MPLS LSP-echo Port |
| lsp-ping | 3503/udp | MPLS LSP-echo Port |
| # | | Ping Pan <pingpan@juniper.net> |
| ironstorm | 3504/tcp | IronStorm game server |
| ironstorm | 3504/udp | IronStorm game server |
| # | | Arnaud Clermonte <clermonte@4xtechnologies.com> |
| ccmcomm | 3505/tcp | CCM communications port |
| ccmcomm | 3505/udp | CCM communications port |
| # | | Tom Bougan <tomb@apptechsys.com> |
| apc-3506 | 3506/tcp | APC 3506 |
| apc-3506 | 3506/udp | APC 3506 |
| # | | American Power Conversion <ports@apcc.com> |
| nesh-broker | 3507/tcp | Nesh Broker Port |
| nesh-broker | 3507/udp | Nesh Broker Port |
| # | | Jeremy Maiden <jeremy@komarr.demon.co.uk> |
| interactionweb | 3508/tcp | Interaction Web |
| interactionweb | 3508/udp | Interaction Web |
| # | | Mike Gagle <mikeg@inin.com> |
| vt-ssl | 3509/tcp | Virtual Token SSL Port |
| vt-ssl | 3509/udp | Virtual Token SSL Port |
| # | | Libor Sykora <libor.sykora@st.com> May 2002 |
| xss-port | 3510/tcp | XSS Port |
| xss-port | 3510/udp | XSS Port |
| # | | Joe Purcell <jpurcell@ensuretech.com> May 2002 |
| webmail-2 | 3511/tcp | WebMail/2 |
| webmail-2 | 3511/udp | WebMail/2 |
| # | | Dimitris Michelinakis <dimitris@michelinakis.gr> May 2002 |
| aztec | 3512/tcp | Aztec Distribution Port |
| aztec | 3512/udp | Aztec Distribution Port |

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|----------------|----------|--|
| # | | Alan Francis <AlanF@zonal.co.uk> May 2002 |
| arcpd | 3513/tcp | Adaptec Remote Protocol |
| arcpd | 3513/udp | Adaptec Remote Protocol |
| # | | Hardy Doelfel <hardy_doelfel@adaptec.com> May 2002 |
| must-p2p | 3514/tcp | MUST Peer to Peer |
| must-p2p | 3514/udp | MUST Peer to Peer |
| must-backplane | 3515/tcp | MUST Backplane |
| must-backplane | 3515/udp | MUST Backplane |
| # | | Rick Stefanik <r.stefanik@gatelinx.com> May 2002 |
| smartcard-port | 3516/tcp | Smartcard Port |
| smartcard-port | 3516/udp | Smartcard Port |
| # | | Scott Guthery <sguthery@mobile-mind.com> May 2002 |
| 802-11-iapp | 3517/tcp | IEEE 802.11 WLANs WG IAPP |
| 802-11-iapp | 3517/udp | IEEE 802.11 WLANs WG IAPP |
| # | | Stuart J. Kerry (Chair IEEE 802.11 WG) |
| # | | <stuart@ok-brit.com> May 2002 |
| artifact-msg | 3518/tcp | Artifact Message Server |
| artifact-msg | 3518/udp | Artifact Message Server |
| # | | Ron Capwell <ron@artifactsoftware.com> June 2002 |
| nvmsgd | 3519/tcp | Netvion Messenger Port |
| galileo | 3519/udp | Netvion Galileo Port |
| galileolog | 3520/tcp | Netvion Galileo Log Port |
| galileolog | 3520/udp | Netvion Galileo Log Port |
| # | | Ray Caruso <ray.caruso@netvion.com> June 2002 |
| mc3ss | 3521/tcp | Telequip Labs MC3SS |
| mc3ss | 3521/udp | Telequip Labs MC3SS |
| # | | Michael Sparks <msparks@telequiplabs.com> June 2002 |
| nsocketport | 3522/tcp | DO over NSSocketPort |
| nsocketport | 3522/udp | DO over NSSocketPort |
| # | | Douglas Davidson <drd@apple.com> June 2002 |
| odeumservlink | 3523/tcp | Odeum Serverlink |
| odeumservlink | 3523/udp | Odeum Serverlink |
| # | | Mads Peter Back <iana-contact@webhouse.dk> June 2002 |
| ecmport | 3524/tcp | ECM Server port |
| ecmport | 3524/udp | ECM Server port |
| eisport | 3525/tcp | EIS Server port |
| eisport | 3525/udp | EIS Server port |
| # | | Paul Kraus <paul.kraus@veritas.com> June 2002 |
| starquiz-port | 3526/tcp | starQuiz Port |
| starquiz-port | 3526/udp | starQuiz Port |
| # | | Adam Ernst <contact@cosmicsoft.net> June 2002 |
| beserver-msg-q | 3527/tcp | VERITAS Backup Exec Server |
| beserver-msg-q | 3527/udp | VERITAS Backup Exec Server |
| # | | Katherine Wattwood <katherine.wattwood@veritas.com> |
| June 2002 | | |
| jboss-iiop | 3528/tcp | JBoss IIOP |
| jboss-iiop | 3528/udp | JBoss IIOP |
| jboss-iiop-ssl | 3529/tcp | JBoss IIOP/SSL |
| jboss-iiop-ssl | 3529/udp | JBoss IIOP/SSL |
| # | | Francisco Reverbel <reverbel@ime.usp.br> June 2002 |
| gf | 3530/tcp | Grid Friendly |
| gf | 3530/udp | Grid Friendly |
| # | | Daivd P. Chassin <david.chassin@pnl.gov> June 2002 |
| joltid | 3531/tcp | Joltid |
| joltid | 3531/udp | Joltid |
| # | | Ahti Heinla <ahti@ahti.blumoon.ee> June 2002 |
| raven-rmp | 3532/tcp | Raven Remote Management Control |

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|----------------|----------|---|
| raven-rmp | 3532/udp | Raven Remote Management Control |
| raven-rdp | 3533/tcp | Raven Remote Management Data |
| raven-rdp | 3533/udp | Raven Remote Management Data |
| # | | Daniel Sorlov <daniel@sorlov.com> June 2002 |
| urld-port | 3534/tcp | URL Daemon Port |
| urld-port | 3534/udp | URL Daemon Port |
| # | | Jim Binkley <jrb@cs.pdx.edu> June 2002 |
| ms-la | 3535/tcp | MS-LA |
| ms-la | 3535/udp | MS-LA |
| # | | Eric Ledoux <ericle@microsoft.com> |
| snac | 3536/tcp | SNAC |
| snac | 3536/udp | SNAC |
| # | | Tatsuya Igarashi <Tatsuya.Igarashi@jp.sony.com> July 2002 |
| ni-visa-remote | 3537/tcp | Remote NI-VISA port |
| ni-visa-remote | 3537/udp | Remote NI-VISA port |
| # | | Sinnadurai Dharshan <sinnadurai.dharshan@ni.com> |
| July 2002 | | |
| ibm-diradm | 3538/tcp | IBM Directory Server |
| ibm-diradm | 3538/udp | IBM Directory Server |
| ibm-diradm-ssl | 3539/tcp | IBM Directory Server SSL |
| ibm-diradm-ssl | 3539/udp | IBM Directory Server SSL |
| # | | Mark Cavage <mcavage@us.ibm.com> July 2002 |
| pnrp-port | 3540/tcp | PNRP User Port |
| pnrp-port | 3540/udp | PNRP User Port |
| # | | Igor Kostic <igoriko@microsoft.com> July 2002 |
| voispeed-port | 3541/tcp | VoiSpeed Port |
| voispeed-port | 3541/udp | VoiSpeed Port |
| # | | Virgilio Lattanzi <virgilio@harpax.com> July 2002 |
| hacl-monitor | 3542/tcp | HA cluster monitor |
| hacl-monitor | 3542/udp | HA cluster monitor |
| # | | Jason Ko <jason_ko@hp.com> July 2002 |
| qftest-lookup | 3543/tcp | qftest Lookup Port |
| qftest-lookup | 3543/udp | qftest Lookup Port |
| # | | Gregor Schmid <gs@qfs.de> July 2002 |
| teredo | 3544/tcp | Teredo Port |
| teredo | 3544/udp | Teredo Port |
| # | | Dave Thaler <dthaler@microsoft.com> July 2002 |
| camac | 3545/tcp | CAMAC equipment |
| camac | 3545/udp | CAMAC equipment |
| # | | Eugene Zhiganov <zed@dfc3300.karelia.ru> July 2002 |
| # | 3546 | Unassigned (removed September 2002) |
| symantec-sim | 3547/tcp | Symantec SIM |
| symantec-sim | 3547/udp | Symantec SIM |
| # | | George Dzieciol <gdzieciol@symantec.com> July 2002 |
| interworld | 3548/tcp | Interworld |
| interworld | 3548/udp | Interworld |
| # | | John Stephen <iana@mundocani.com> July 2002 |
| tellumat-nms | 3549/tcp | Tellumat MDR NMS |
| tellumat-nms | 3549/udp | Tellumat MDR NMS |
| # | | Hennie van der Merwe <hvandermerwe@tellumat.com> |
| July 2002 | | |
| ssmpp | 3550/tcp | Secure SMPP |
| ssmpp | 3550/udp | Secure SMPP |
| # | | Cormac Long <webmaster@smsforum.net> July 2002 |
| apcupsd | 3551/tcp | Apcupsd Information Port |
| apcupsd | 3551/udp | Apcupsd Information Port |

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# Riccardo Facchetti <riccardo@inetcosmos.org> July
2002
taserver 3552/tcp TeamAgenda Server Port
taserver 3552/udp TeamAgenda Server Port
# Dany Ayotte <ayotte@teamssoft.com> July 2002
rbr-discovery 3553/tcp Red Box Recorder ADP
rbr-discovery 3553/udp Red Box Recorder ADP
# Simon Jolly <simon.jolly@origin-data.co.uk> July
2002
questnotify 3554/tcp Quest Notification Server
questnotify 3554/udp Quest Notification Server
# Rob Griffin <quest_iana@oz.quest.com> July 2002
razor 3555/tcp Vipul's Razor
razor 3555/udp Vipul's Razor
# Vipul Ved Prakash <mail@vipul.net> July 2002
sky-transport 3556/tcp Sky Transport Protocol
sky-transport 3556/udp Sky Transport Protocol
# Michael Paddon <michael.paddon@activesky.com> July
2002
personalos-001 3557/tcp PersonalOS Comm Port
personalos-001 3557/udp PersonalOS Comm Port
# Shane Roberts <shane@shaneroberts.com> July 2002
mcp-port 3558/tcp MCP user port
mcp-port 3558/udp MCP user port
# Professor Paul S. Wang <pwang@cs.kent.edu> July 2002
cctv-port 3559/tcp CCTV control port
cctv-port 3559/udp CCTV control port
# John Skidmore <JSkidmore@vicon-cctv.com> July 2002
iniserve-port 3560/tcp INIServe port
iniserve-port 3560/udp INIServe port
# Peter Moylan <peter@ee.newcastle.edu.au> August 2002
bmc-onekey 3561/tcp BMC-OneKey
bmc-onekey 3561/udp BMC-OneKey
# Portnoy Boxman <portnoy_boxman@bmc.com> August 2002
sdbproxy 3562/tcp SDBProxy
sdbproxy 3562/udp SDBProxy
# Eric Grange <egrange@creative-it.net> August 2002
watcomdebug 3563/tcp Watcom Debug
watcomdebug 3563/udp Watcom Debug
# Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
esimport 3564/tcp Electromed SIM port
esimport 3564/udp Electromed SIM port
# Francois Marchand <francois.marchand@electromed.com>
August 2002
m2pa 3565/tcp M2PA
m2pa 3565/sctp M2PA
# [RFC4165]
quest-launcher 3566/tcp Quest Agent Manager
quest-launcher 3566/udp Quest Agent Manager
# Eyal Kalderon <eyal.kalderon@quest.com> April 2002
oap 3567/tcp Object Access Protocol
oap 3567/udp Object Access Protocol
# Bryant Eastham <protocols@slc.mew.com> August 2002
oap-s 3568/tcp Object Access Protocol over SSL
oap-s 3568/udp Object Access Protocol over SSL
# Bryant Eastham <protocols@slc.mew.com> January 2003
mbg-ctrl 3569/tcp Meinberg Control Service

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|----------------|----------|--|
| mbg-ctrl | 3569/udp | Meinberg Control Service |
| # | | Martin Burnicki <martin.burnicki@meinberg.de> August |
| 2002 | | |
| mccwebsvr-port | 3570/tcp | MCC Web Server Port |
| mccwebsvr-port | 3570/udp | MCC Web Server Port |
| megardsvr-port | 3571/tcp | MegaRAID Server Port |
| megardsvr-port | 3571/udp | MegaRAID Server Port |
| megaregsvrport | 3572/tcp | Registration Server Port |
| megaregsvrport | 3572/udp | Registration Server Port |
| # | | Sreenivas Bagalkote <sreenib@lsil.com> August 2002 |
| tag-ups-1 | 3573/tcp | Advantage Group UPS Suite |
| tag-ups-1 | 3573/udp | Advantage Group UPS Suite |
| # | | James Goddard <jamesg@taglim.com> August 2002 |
| dmaf-server | 3574/tcp | DMAF Server |
| dmaf-caster | 3574/udp | DMAF Caster |
| # | | Ramakrishna Nadendla <rama_nadendla@agilent.com> |
| August 2002 | | |
| ccm-port | 3575/tcp | Coalsere CCM Port |
| ccm-port | 3575/udp | Coalsere CCM Port |
| cmc-port | 3576/tcp | Coalsere CMC Port |
| cmc-port | 3576/udp | Coalsere CMC Port |
| # | | Chris Hawkinson <chawkinson@coalsere.com> August |
| 2002 | | |
| config-port | 3577/tcp | Configuration Port |
| config-port | 3577/udp | Configuration Port |
| data-port | 3578/tcp | Data Port |
| data-port | 3578/udp | Data Port |
| # | | Anupam Bharali <ianaports@juniper.net> August 2002 |
| ttat3lb | 3579/tcp | Tarantella Load Balancing |
| ttat3lb | 3579/udp | Tarantella Load Balancing |
| # | | Jim Musgrave <jimm@tarantella.com> August 2002 |
| nati-svrloc | 3580/tcp | NATI-ServiceLocator |
| nati-svrloc | 3580/udp | NATI-ServiceLocator |
| # | | Jason Case <jason.case@ni.com> August 2002 |
| kfxaclicensing | 3581/tcp | Ascent Capture Licensing |
| kfxaclicensing | 3581/udp | Ascent Capture Licensing |
| # | | Brad Hamilton <brad_hamilton@kofax.com> August 2002 |
| press | 3582/tcp | PEG PRESS Server |
| press | 3582/udp | PEG PRESS Server |
| # | | Jim DeLisle <jdelisle@swellsoftware.com> August 2002 |
| canex-watch | 3583/tcp | CANEX Watch System |
| canex-watch | 3583/udp | CANEX Watch System |
| # | | Peter Kollath <peter.kollath@canex.sk> August 2002 |
| u-dbap | 3584/tcp | U-DBase Access Protocol |
| u-dbap | 3584/udp | U-DBase Access Protocol |
| # | | Bodo Rueskamp <br@itchigo.com> August 2002 |
| emprise-lls | 3585/tcp | Emprise License Server |
| emprise-lls | 3585/udp | Emprise License Server |
| emprise-lsc | 3586/tcp | License Server Console |
| emprise-lsc | 3586/udp | License Server Console |
| # | | James J. Diaz <JDiaz@EmpriseCorporation.com> August |
| 2002 | | |
| p2pgroup | 3587/tcp | Peer to Peer Grouping |
| p2pgroup | 3587/udp | Peer to Peer Grouping |
| # | | Igor Kostic <igor@microsoft.com> August 2002 |
| sentinel | 3588/tcp | Sentinel Server |
| sentinel | 3588/udp | Sentinel Server |

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# Ian Gordon <ian.s.gordon@btopenworld.com> August
2002
isomair 3589/tcp isomair
isomair 3589/udp isomair
# Richard Fleming <richard@apoapsis.com> August 2002
wv-csp-sms 3590/tcp WV CSP SMS Binding
wv-csp-sms 3590/udp WV CSP SMS Binding
# Matti Salmi <matti.salmi@nokia.com> August 2002
gtrack-server 3591/tcp LOCANIS G-TRACK Server
gtrack-server 3591/udp LOCANIS G-TRACK Server
gtrack-ne 3592/tcp LOCANIS G-TRACK NE Port
gtrack-ne 3592/udp LOCANIS G-TRACK NE Port
# Juergen.Edelhaeuser
<Juergen.Edelhaeuser@locanis.com> August 2002
bpmd 3593/tcp BP Model Debugger
bpmd 3593/udp BP Model Debugger
# Keith Fligg <keith@projtech.com> September 2002
mediaspace 3594/tcp MediaSpace
mediaspace 3594/udp MediaSpace
shareapp 3595/tcp ShareApp
shareapp 3595/udp ShareApp
# Jeff King <jking@wave3software.com> September 2002
iw-mmogame 3596/tcp Illusion Wireless MMOG
iw-mmogame 3596/udp Illusion Wireless MMOG
# Jan Vrsinsky <jan.vrsinsky@illusionsoftworks.com>
September 2002
a14 3597/tcp A14 (AN-to-SC/MM)
a14 3597/udp A14 (AN-to-SC/MM)
a15 3598/tcp A15 (AN-to-AN)
a15 3598/udp A15 (AN-to-AN)
# David Ott <dott@qualcomm.com> September 2002
quasar-server 3599/tcp Quasar Accounting Server
quasar-server 3599/udp Quasar Accounting Server
# Brad Pepers <brad@linuxcanada.com> September 2002
trap-daemon 3600/tcp text relay-answer
trap-daemon 3600/udp text relay-answer
# John Willis <jwillis@arielusa.com> September 2002
visinet-gui 3601/tcp Visinet Gui
visinet-gui 3601/udp Visinet Gui
# Jeff Douglass <ist@att.net> September 2002
infiniswitchcl 3602/tcp InfiniSwitch Mgr Client
infiniswitchcl 3602/udp InfiniSwitch Mgr Client
# Lee VanTine <lvantine@infiniswitc.com> September
2002
int-rcv-cntrl 3603/tcp Integrated Rcvr Control
int-rcv-cntrl 3603/udp Integrated Rcvr Control
# Dave Stone <dstone01@harris.com> September 2002
bmc-jmx-port 3604/tcp BMC JMX Port
bmc-jmx-port 3604/udp BMC JMX Port
# Portnoy Boxman <portnoy_boxman@bmc.com> September
2002
comcam-io 3605/tcp ComCam IO Port
comcam-io 3605/udp ComCam IO Port
# Don Gilbreath <don@comcam.net> September 2002
splitlock 3606/tcp Splitlock Server
splitlock 3606/udp Splitlock Server

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|-----------------|----------|--|
| # | | Andrew Tune <Andrew.Tune@splitlock.com> September |
| 2002 | | |
| precise-i3 | 3607/tcp | Precise I3 |
| precise-i3 | 3607/udp | Precise I3 |
| # | | Tomer Shain <tshain@precise.com> September 2002 |
| trendchip-dcp | 3608/tcp | Trendchip control protocol |
| trendchip-dcp | 3608/udp | Trendchip control protocol |
| # | | Ming-Jen Chen <mjchen@trendchip.com.tw> September |
| 2002 | | |
| cpdi-pidas-cm | 3609/tcp | CPDI PIDAS Connection Mon |
| cpdi-pidas-cm | 3609/udp | CPDI PIDAS Connection Mon |
| # | | Tony Splaver <tony@cpdi.com> September 2002 |
| echonet | 3610/tcp | ECHONET |
| echonet | 3610/udp | ECHONET |
| # | | Takeshi Saito <takeshi.saito@toshiba.co.jp> |
| September 2002 | | |
| six-degrees | 3611/tcp | Six Degrees Port |
| six-degrees | 3611/udp | Six Degrees Port |
| # | | Zach Nies <znies@creo.com> September 2002 |
| hp-dataprotect | 3612/tcp | HP Data Protector |
| hp-dataprotect | 3612/udp | HP Data Protector |
| # | | Stephen Gold <stephen_gold@hp.com> September 2002 |
| alaris-disc | 3613/tcp | Alaris Device Discovery |
| alaris-disc | 3613/udp | Alaris Device Discovery |
| # | | Chris Dern <cdern@nospam.alarismed.com> October |
| 2002, June 2004 | | |
| sigma-port | 3614/tcp | Invensys Sigma Port |
| sigma-port | 3614/udp | Invensys Sigma Port |
| # | | Dr. Sajed Husein <sajed.husein@invensys.com> October |
| 2002 | | |
| start-network | 3615/tcp | Start Messaging Network |
| start-network | 3615/udp | Start Messaging Network |
| # | | Peter Rocca <rocca@multiboard.com> October 2002 |
| cd3o-protocol | 3616/tcp | cd3o Control Protocol |
| cd3o-protocol | 3616/udp | cd3o Control Protocol |
| # | | Chris Wilcox <cwilcox@cd3o.com> October 2002 |
| sharp-server | 3617/tcp | ATI SHARP Logic Engine |
| sharp-server | 3617/udp | ATI SHARP Logic Engine |
| # | | Bill Reveile <breveile@allentek.com> |
| aaairnet-1 | 3618/tcp | AAIR-Network 1 |
| aaairnet-1 | 3618/udp | AAIR-Network 1 |
| aaairnet-2 | 3619/tcp | AAIR-Network 2 |
| aaairnet-2 | 3619/udp | AAIR-Network 2 |
| # | | James Mealey <jymealey@yahoo.com> October 2002 |
| ep-pcp | 3620/tcp | EPSON Projector Control Port |
| ep-pcp | 3620/udp | EPSON Projector Control Port |
| ep-nsp | 3621/tcp | EPSON Network Screen Port |
| ep-nsp | 3621/udp | EPSON Network Screen Port |
| # | | SEIKO EPSON <Sato.Minoru3@exc.epson.co.jp> October |
| 2002 | | |
| ff-lr-port | 3622/tcp | FF LAN Redundancy Port |
| ff-lr-port | 3622/udp | FF LAN Redundancy Port |
| # | | Fieldbus Foundation <dave.glanzer@fieldbus.org> |
| October 2002 | | |
| haipe-discover | 3623/tcp | HAIPIS Dynamic Discovery |
| haipe-discover | 3623/udp | HAIPIS Dynamic Discovery |
| # | | Mike Irani <irani_mike@bah.com> October 2002 |

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|------------------|----------|--|
| dist-upgrade | 3624/tcp | Distributed Upgrade Port |
| dist-upgrade | 3624/udp | Distributed Upgrade Port |
| # | | Jason Schoon <jason.schoon@intermec.com> October 2002 |
| volley | 3625/tcp | Volley |
| volley | 3625/udp | Volley |
| # | | David Catmull <uncommon@uncommonplace.com> October 2002 |
| bvcd daemon-port | 3626/tcp | bvControl Daemon |
| bvcd daemon-port | 3626/udp | bvControl Daemon |
| # | | Ravi Gokhale <rgokhale@bindview.com> October 2002 |
| jams serverport | 3627/tcp | Jam Server Port |
| jams serverport | 3627/udp | Jam Server Port |
| # | | Art Pope <apope@sarnoff.com> October 2002 |
| ept-machine | 3628/tcp | EPT Machine Interface |
| ept-machine | 3628/udp | EPT Machine Interface |
| # | | Victor H. Farrace <vfarrace@eaglept.com> October 2002 |
| escvpnet | 3629/tcp | ESC/VP.net |
| escvpnet | 3629/udp | ESC/VP.net |
| # | | Hiroyuki Hashimoto <easymp@exc.epson.co.jp> October 2002 |
| cs-remote-db | 3630/tcp | C&S Remote Database Port |
| cs-remote-db | 3630/udp | C&S Remote Database Port |
| cs-services | 3631/tcp | C&S Web Services Port |
| cs-services | 3631/udp | C&S Web Services Port |
| # | | Computer Software GmbH <BrunoRistok@cs-ag.de> October 2002 |
| distcc | 3632/tcp | distributed compiler |
| distcc | 3632/udp | distributed compiler |
| # | | Martin Pool <mbp@samba.org> November 2002 |
| wacp | 3633/tcp | Wyrnix AIS port |
| wacp | 3633/udp | Wyrnix AIS port |
| # | | Harry T. Vennik <htvennik@zonnet.nl> November 2002 |
| hlibmgr | 3634/tcp | hNTSP Library Manager |
| hlibmgr | 3634/udp | hNTSP Library Manager |
| # | | Kenji Tetsuyama <kenji@onkyo.co.jp> November 2002 |
| sdo | 3635/tcp | Simple Distributed Objects |
| sdo | 3635/udp | Simple Distributed Objects |
| # | | Alexander Philippou <alex@noemax.com> November 2002 |
| servistaitsm | 3636/tcp | SerVistaITSM |
| servistaitsm | 3636/udp | SerVistaITSM |
| # | | Ralph Campbell <ralph.campbell@xasystems.com> November 2002 |
| scservp | 3637/tcp | Customer Service Port |
| scservp | 3637/udp | Customer Service Port |
| # | | Jonathan A. Zdziarski <johathan@networkdweebs.com> November 2002 |
| ehp-backup | 3638/tcp | EHP Backup Protocol |
| ehp-backup | 3638/udp | EHP Backup Protocol |
| # | | Ed Fair <ed_fair@yahoo.com> November 2002 |
| xap-ha | 3639/tcp | Extensible Automation |
| xap-ha | 3639/udp | Extensible Automation |
| # | | Mark Harrison <Mark@xapautomation.org> November 2002 |
| netplay-port1 | 3640/tcp | Netplay Port 1 |
| netplay-port1 | 3640/udp | Netplay Port 1 |
| netplay-port2 | 3641/tcp | Netplay Port 2 |

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|----------------|----------|---|
| netplay-port2 | 3641/udp | Netplay Port 2 |
| # | | Predrag Filipovic <pfilipovic@digital5.com> November 2002 |
| juxml-port | 3642/tcp | Juxml Replication port |
| juxml-port | 3642/udp | Juxml Replication port |
| # | | Colin Reid <creid@projux.com> November 2002 |
| audiojuggler | 3643/tcp | AudioJuggler |
| audiojuggler | 3643/udp | AudioJuggler |
| # | | Morten Mertner <mm@audiojuggler.com> November 2002 |
| ssowatch | 3644/tcp | ssowatch |
| ssowatch | 3644/udp | ssowatch |
| # | | Marie-France Dubreuil <Marie-France.Dubreuil@evidian.com> November 2002 |
| cyc | 3645/tcp | Cyc |
| cyc | 3645/udp | Cyc |
| # | | Stephen Reed <reed@cyc.com> January 2003 |
| xss-srv-port | 3646/tcp | XSS Server Port |
| xss-srv-port | 3646/udp | XSS Server Port |
| # | | Joe Purcell <jpurcell@ensuretech.com> January 2003 |
| splitlock-gw | 3647/tcp | Splitlock Gateway |
| splitlock-gw | 3647/udp | Splitlock Gateway |
| # | | Andrew Tune <Andrew.Tune@splitlock.com> January 2003 |
| fjcp | 3648/tcp | Fujitsu Cooperation Port |
| fjcp | 3648/udp | Fujitsu Cooperation Port |
| # | | Kouji Sugisawa <sugisawa.kouji@soft.fujitsu.com> January 2003 |
| nmmp | 3649/tcp | Nishioka Miyuki Msg Protocol |
| nmmp | 3649/udp | Nishioka Miyuki Msg Protocol |
| # | | TAKEDA Hiroyuki <takeda@atashi.net> January 2003 |
| prismiq-plugin | 3650/tcp | PRISMIQ VOD plug-in |
| prismiq-plugin | 3650/udp | PRISMIQ VOD plug-in |
| # | | Richard Hodges <rhodges@prismiq.com> January 2003 |
| xrpc-registry | 3651/tcp | XRPC Registry |
| xrpc-registry | 3651/udp | XRPC Registry |
| # | | Slava Monich <Slava.Monich@nokia.com> January 2003 |
| vxcnrbuport | 3652/tcp | VxCR NBU Default Port |
| vxcnrbuport | 3652/udp | VxCR NBU Default Port |
| # | | Boris Star <boris.star@veritas.com> January 2003 |
| tsp | 3653/tcp | Tunnel Setup Protocol |
| tsp | 3653/udp | Tunnel Setup Protocol |
| # | | Marc Blanchet <Marc.Blanchet@viagenie.qc.ca> January 2003 |
| vaprtm | 3654/tcp | VAP RealTime Messenger |
| vaprtm | 3654/udp | VAP RealTime Messenger |
| # | | Boris Polevoy <vapcom@mail.ru> January 2003 |
| abatemgr | 3655/tcp | ActiveBatch Exec Agent |
| abatemgr | 3655/udp | ActiveBatch Exec Agent |
| abatjss | 3656/tcp | ActiveBatch Job Scheduler |
| abatjss | 3656/udp | ActiveBatch Job Scheduler |
| # | | Ben Rosenberg <brosenberg@advsyscon.com> January 2003 |
| immedianet-bcn | 3657/tcp | ImmediaNet Beacon |
| immedianet-bcn | 3657/udp | ImmediaNet Beacon |
| # | | Bill Homan <bhoman@spanworks.com> January 2003 |
| ps-ams | 3658/tcp | PlayStation AMS (Secure) |
| ps-ams | 3658/udp | PlayStation AMS (Secure) |

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# Edgar Alan Tu <Edgar_Tu@playstation.sony.com>
January 2003
apple-sasl 3659/tcp Apple SASL
apple-sasl 3659/udp Apple SASL
# David M. O'Rourke <daveo@apple.com> January 2003
can-nds-ssl 3660/tcp IBM Tivoli Directory Service using SSL
can-nds-ssl 3660/udp IBM Tivoli Directory Service using SSL
can-ferret-ssl 3661/tcp IBM Tivoli Directory Service using SSL
can-ferret-ssl 3661/udp IBM Tivoli Directory Service using SSL
# Nic Catrambone <ncatramb@us.ibm.com> January 2003
pserver 3662/tcp pserver
pserver 3662/udp pserver
# Patrick Furlong <pfurlong@darkknight.ca> January
2003
dtp 3663/tcp DIRECWAY Tunnel Protocol
dtp 3663/udp DIRECWAY Tunnel Protocol
# John Border <border@hns.com> January 2003
ups-engine 3664/tcp UPS Engine Port
ups-engine 3664/udp UPS Engine Port
ent-engine 3665/tcp Enterprise Engine Port
ent-engine 3665/udp Enterprise Engine Port
# Mike Delgrosso <mdelgros@tripplite.com> January 2003
eserver-pap 3666/tcp IBM eServer PAP
eserver-pap 3666/udp IBM EServer PAP
# Dave Gimpl <gimpl@us.ibm.com> January 2003
infoexch 3667/tcp IBM Information Exchange
infoexch 3667/udp IBM Information Exchange
# Paul Ford-Hutchinson <paulfordh@uk.ibm.com> January
2003
dell-rm-port 3668/tcp Dell Remote Management
dell-rm-port 3668/udp Dell Remote Management
# Bradley Bransom <bradley_bransom@dell.com> January
2003
casanswmgmt 3669/tcp CA SAN Switch Management
casanswmgmt 3669/udp CA SAN Switch Management
# Emre Tunar <emre.tunar@ca.com> January 2003
smile 3670/tcp SMILE TCP/UDP Interface
smile 3670/udp SMILE TCP/UDP Interface
# Andre Petras <#remove#a.petras@arcor.de#remove_too#>
January 2003
efcp 3671/tcp e Field Control (EIBnet)
efcp 3671/udp e Field Control (EIBnet)
# Marc Goossens <mgoossens@eiba.com> January 2003
lispworks-orb 3672/tcp LispWorks ORB
lispworks-orb 3672/udp LispWorks ORB
# Lisp Support <lisp-support@xanalys.com>
mediavault-gui 3673/tcp Openview Media Vault GUI
mediavault-gui 3673/udp Openview Media Vault GUI
# Stephen Gold <stephen_gold@hp.com> January 2003
wininstall-ipc 3674/tcp WinINSTALL IPC Port
wininstall-ipc 3674/udp WinINSTALL IPC Port
# Bill Somerville
<Bill.Somerville@OnDemandSoftware.com> January 2003
calltrax 3675/tcp CallTrax Data Port
calltrax 3675/udp CallTrax Data Port
# Oliver Bailey <zzf66jjlm@time-lines.com> January
2003

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|----------------|----------|--|
| va-pacbase | 3676/tcp | VisualAge Pacbase server |
| va-pacbase | 3676/udp | VisualAge Pacbase server |
| # | | Dominique Lelievre <dominique.lelievre@fr.ibm.com> |
| January 2003 | | |
| roverlog | 3677/tcp | RoverLog IPC |
| roverlog | 3677/udp | RoverLog IPC |
| # | | Tom Mayo <tmayo1@rochester.rr.com> January 2003 |
| ipr-dglt | 3678/tcp | DataGuardianLT |
| ipr-dglt | 3678/udp | DataGuardianLT |
| # | | Bruce Carlson <bruce.carlson@iprintl.com> January |
| 2003 | | |
| newton-dock | 3679/tcp | Newton Dock |
| newton-dock | 3679/udp | Newton Dock |
| npds-tracker | 3680/tcp | NPDS Tracker |
| npds-tracker | 3680/udp | NPDS Tracker |
| # | | Paul Guyot <pguyot@kallisys.net> January 2003 |
| bts-x73 | 3681/tcp | BTS X73 Port |
| bts-x73 | 3681/udp | BTS X73 Port |
| # | | Todd Cooper <todd@DO11073.com> January 2003 |
| cas-mapi | 3682/tcp | EMC SmartPackets-MAPI |
| cas-mapi | 3682/udp | EMC SmartPackets-MAPI |
| # | | Koen Schoofs <schoofs_koen@emc.com> January 2003 |
| bmc-ea | 3683/tcp | BMC EDV/EA |
| bmc-ea | 3683/udp | BMC EDV/EA |
| # | | Portnoy Boxman <portnoy_boxman@bmc.com> January 2003 |
| faxstfx-port | 3684/tcp | FAXstfX |
| faxstfx-port | 3684/udp | FAXstfX |
| # | | Alec Carlson <acarlson@smithmicro.com> January 2003 |
| dsx-agent | 3685/tcp | DS Expert Agent |
| dsx-agent | 3685/udp | DS Expert Agent |
| # | | NetPro Computing <ports@netpro.com> January 2003 |
| tnmpv2 | 3686/tcp | Trivial Network Management |
| tnmpv2 | 3686/udp | Trivial Network Management |
| # | | Andrea Premoli <Andrea_maria.Premoli@icn.siemens.it> |
| January 2003 | | |
| simple-push | 3687/tcp | simple-push |
| simple-push | 3687/udp | simple-push |
| simple-push-s | 3688/tcp | simple-push Secure |
| simple-push-s | 3688/udp | simple-push Secure |
| # | | C. Enrique Ortiz <eortiz@j2medeveloper.com> January |
| 2003 | | |
| daap | 3689/tcp | Digital Audio Access Protocol |
| daap | 3689/udp | Digital Audio Access Protocol |
| # | | Amandeep Jawa <daap@apple.com> January 2003 |
| svn | 3690/tcp | Subversion |
| svn | 3690/udp | Subversion |
| # | | Greg Hudson <ghudson@mit.edu> January 2003 |
| magaya-network | 3691/tcp | Magaya Network Port |
| magaya-network | 3691/udp | Magaya Network Port |
| # | | Jesus David Rodriguez <jesusdavid@magaya.com> |
| February 2003 | | |
| intelsync | 3692/tcp | Brimstone IntelSync |
| intelsync | 3692/udp | Brimstone IntelSync |
| # | | Davey Taylor <davey.taylor@brimstone.net> February |
| 2003 | | |
| gttp | 3693/tcp | GTTP |
| gttp | 3693/udp | GTTP |

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|---------------|----------|--|
| vpntpp | 3694/tcp | VPN Token Propagation Protocol |
| vpntpp | 3694/udp | VPN Token Propagation Protocol |
| # | | Ronald P. Bonica <Ronald.P.Bonica@mci.com> February |
| 2003 | | |
| bmc-data-coll | 3695/tcp | BMC Data Collection |
| bmc-data-coll | 3695/udp | BMC Data Collection |
| # | | Portnoy Boxman <portnoy_boxman@bmc.com> February |
| 2003 | | |
| telnetcpd | 3696/tcp | Telnet Com Port Control |
| telnetcpd | 3696/udp | Telnet Com Port Control |
| # | | Thomas J. Pinkl <tom@pinkl.com> February 2003 |
| nw-license | 3697/tcp | NavisWorks License System |
| nw-license | 3697/udp | NavisWorks License System |
| # | | Tim Wiegand <tim.wiegand@navisworks.com> February |
| 2003 | | |
| sagectlpanel | 3698/tcp | SAGECTLPANEL |
| sagectlpanel | 3698/udp | SAGECTLPANEL |
| # | | Mark Gamble <mark.gamble@sage.com> February 2003 |
| kpn-icw | 3699/tcp | Internet Call Waiting |
| kpn-icw | 3699/udp | Internet Call Waiting |
| # | | B.J. Kortekaas <b.j.kortekaas@kpn.com> February 2003 |
| lrs-paging | 3700/tcp | LRS NetPage |
| lrs-paging | 3700/udp | LRS NetPage |
| # | | Geoffrey Wossum <geoffrey@pager.net> February 2003 |
| netcelera | 3701/tcp | NetCelera |
| netcelera | 3701/udp | NetCelera |
| # | | Tarek Nabhan <standards@itworx.com> February 2003 |
| ws-discovery | 3702/tcp | Web Service Discovery |
| ws-discovery | 3702/udp | Web Service Discovery |
| # | | Christian Huitema <huitema@microsoft.com> February |
| 2003 | | |
| adobeserver-3 | 3703/tcp | Adobe Server 3 |
| adobeserver-3 | 3703/udp | Adobe Server 3 |
| adobeserver-4 | 3704/tcp | Adobe Server 4 |
| adobeserver-4 | 3704/udp | Adobe Server 4 |
| adobeserver-5 | 3705/tcp | Adobe Server 5 |
| adobeserver-5 | 3705/udp | Adobe Server 5 |
| # | | Frank Soetebeer <frsoeteb@adobe.com> January 2003 |
| rt-event | 3706/tcp | Real-Time Event Port |
| rt-event | 3706/udp | Real-Time Event Port |
| rt-event-s | 3707/tcp | Real-Time Event Secure Port |
| rt-event-s | 3707/udp | Real-Time Event Secure Port |
| # | | Terry Gin <terry_gin@inter-tel.com> February 2003 |
| sun-as-iiops | 3708/tcp | Sun App Svr - Naming |
| sun-as-iiops | 3708/udp | Sun App Svr - Naming |
| # | | Abhijit Kumar <as-iana-ports@sun.com> November 2005 |
| ca-idms | 3709/tcp | CA-IDMS Server |
| ca-idms | 3709/udp | CA-IDMS Server |
| # | | Dave Ross <david.ross@ca.com> |
| portgate-auth | 3710/tcp | PortGate Authentication |
| portgate-auth | 3710/udp | PortGate Authentication |
| # | | Scott Harris <Scott@XRamp.com> February 2003 |
| edb-server2 | 3711/tcp | EBD Server 2 |
| edb-server2 | 3711/udp | EBD Server 2 |
| # | | Carlos Portela <cportela@simple-sw.com> February |
| 2003 | | |
| sentinel-ent | 3712/tcp | Sentinel Enterprise |

| | | |
|-----------------|----------|--|
| sentinel-ent | 3712/udp | Sentinel Enterprise |
| # | | Ian Gordon <ian@n-genltd.co.uk> March 2003 |
| tftps | 3713/tcp | TFTP over TLS |
| tftps | 3713/udp | TFTP over TLS |
| # | | Mark mayernick <Mark.Mayernick@thomson.net> March |
| 2003 | | |
| delos-dms | 3714/tcp | DELOS Direct Messaging |
| delos-dms | 3714/udp | DELOS Direct Messaging |
| # | | Ekkehard Morgenstern <flnca@gmx.de> March 2003 |
| anoto-rendezv | 3715/tcp | Anoto Rendezvous Port |
| anoto-rendezv | 3715/udp | Anoto Rendezvous Port |
| # | | Ola Sandstrom <ola.sandstrom@anoto.com> March 2003 |
| wv-csp-sms-cir | 3716/tcp | WV CSP SMS CIR Channel |
| wv-csp-sms-cir | 3716/udp | WV CSP SMS CIR Channel |
| wv-csp-udp-cir | 3717/tcp | WV CSP UDP/IP CIR Channel |
| wv-csp-udp-cir | 3717/udp | WV CSP UDP/IP CIR Channel |
| # | | Jon Ingi Ingimundarson <jii@oz.com> March 2003 |
| opus-services | 3718/tcp | OPUS Server Port |
| opus-services | 3718/udp | OPUS Server Port |
| # | | Detlef Stoever <mail@ivotec.com> March 2003 |
| itelserversport | 3719/tcp | iTel Server Port |
| itelserversport | 3719/udp | iTel Server Port |
| # | | Mark Hendricks <markah@copper.net> March 2003 |
| ufastro-instr | 3720/tcp | UF Astro. Instr. Services |
| ufastro-instr | 3720/udp | UF Astro. Instr. Services |
| # | | David B. Hon <hon@astro.ufl.edu> March 2003 |
| xsync | 3721/tcp | Xsync |
| xsync | 3721/udp | Xsync |
| xserveraid | 3722/tcp | Xserve RAID |
| xserveraid | 3722/udp | Xserve RAID |
| # | | Bob Bradley <bradley@apple.com> March 2003 |
| sychron | 3723/tcp | Sychron Service Daemon |
| sychron | 3723/udp | Sychron Service Daemon |
| # | | Robert Marinelli <bob@sychron.com> March 2003 |
| blizwow | 3724/tcp | World of Warcraft |
| blizwow | 3724/udp | World of Warcraft |
| # | | Domain Tech <Domainnametech@blizzard.com> April 2005 |
| na-er-tip | 3725/tcp | Netia NA-ER Port |
| na-er-tip | 3725/udp | Netia NA-ER Port |
| # | | Jean-Pierre Garcia <jp.garcia@netia.net> April 2003 |
| array-manager | 3726/tcp | Xyratex Array Manager |
| array-manager | 3726/udp | Xyartex Array Manager |
| # | | David A. Lethe <david_lethe@us.xyratex.com> April |
| 2003 | | |
| e-mdu | 3727/tcp | Ericsson Mobile Data Unit |
| e-mdu | 3727/udp | Ericsson Mobile Data Unit |
| e-woa | 3728/tcp | Ericsson Web on Air |
| e-woa | 3728/udp | Ericsson Web on Air |
| # | | Marco Casole <marco.casole@ericsson.com> April 2003 |
| fksp-audit | 3729/tcp | Fireking Audit Port |
| fksp-audit | 3729/udp | Fireking Audit Port |
| # | | Richard Thurman <richt@fireking.com> April 2003 |
| client-ctrl | 3730/tcp | Client Control |
| client-ctrl | 3730/udp | Client Control |
| # | | Lawrence W. Dunn <larrydunn@aptcomp.com> April 2003 |
| smap | 3731/tcp | Service Manager |
| smap | 3731/udp | Service Manager |

| | | |
|---------------|----------|--|
| m-wnn | 3732/tcp | Mobile Wnn |
| m-wnn | 3732/udp | Mobile Wnn |
| # | | Yasunari Yamashita <yamasita@omronsoft.co.jp> April 2003 |
| 2003 | | |
| multip-msg | 3733/tcp | Multipuesto Msg Port |
| multip-msg | 3733/udp | Multipuesto Msg Port |
| # | | Felisa Ares <faa06@tid.es> April 2003 |
| synel-data | 3734/tcp | Synel Data Collection Port |
| synel-data | 3734/udp | Synel Data Collection Port |
| # | | David Ashkenazi <david@synel.co.il> April 2003 |
| pwdis | 3735/tcp | Password Distribution |
| pwdis | 3735/udp | Password Distribution |
| # | | Robert Erl <roerl@web.de> April 2003 |
| rs-rmi | 3736/tcp | RealSpace RMI |
| rs-rmi | 3736/udp | RealSpace RMI |
| # | | Barry McDarby <realspace@starwolf.biz> April 2003 |
| # | 3737 | Unassigned (Removed 2003-02-26) |
| versatalk | 3738/tcp | versaTalk Server Port |
| versatalk | 3738/udp | versaTalk Server Port |
| # | | Dr. Kingsley C. Nwosu <knwosu@aglowmail.com> April 2003 |
| 2003 | | |
| launchbird-lm | 3739/tcp | Launchbird LicenseManager |
| launchbird-lm | 3739/udp | Launchbird LicenseManager |
| # | | Tom Hawkins <tom1@launchbird.com> April 2003 |
| heartbeat | 3740/tcp | Heartbeat Protocol |
| heartbeat | 3740/udp | Heartbeat Protocol |
| # | | Jeroen Massar <jeroen@unfix.org> April 2003 |
| wysdma | 3741/tcp | WysDM Agent |
| wysdma | 3741/udp | WysDM Agent |
| # | | Jim McDonald <Jim.McDonald@sysdm.com> April 2003 |
| cst-port | 3742/tcp | CST - Configuration & Service Tracker |
| cst-port | 3742/udp | CST - Configuration & Service Tracker |
| # | | Hai Ou-Yang <hai.ou-yang@sun.com> April 2003 |
| ipcs-command | 3743/tcp | IP Control Systems Ltd. |
| ipcs-command | 3743/udp | IP Control Systems Ltd. |
| # | | Paul Anderson <paul.anderson@ip-cs.com> April 2003 |
| sasg | 3744/tcp | SASG |
| sasg | 3744/udp | SASG |
| # | | Cristian Petculescu <crisp@hotmail.com> April 2003 |
| gw-call-port | 3745/tcp | GWRTC Call Port |
| gw-call-port | 3745/udp | GWRTC Call Port |
| # | | Felisa Ares <faa06@tid.es> April 2003 |
| linktest | 3746/tcp | LXPRO.COM LinkTest |
| linktest | 3746/udp | LXPRO.COM LinkTest |
| linktest-s | 3747/tcp | LXPRO.COM LinkTest SSL |
| linktest-s | 3747/udp | LXPRO.COM LinkTest SSL |
| # | | Greg Bailey <gbailey@lxpro.com> April 2003 |
| webdata | 3748/tcp | webData |
| webdata | 3748/udp | webData |
| # | | Michael Whiteley <michael@whiteley.com> April 2003 |
| cimtrak | 3749/tcp | CimTrak |
| cimtrak | 3749/udp | CimTrak |
| | | Robert E. Johnson, III <johnson.robert@cimcor.com> |
| April 2003 | | |
| cbos-ip-port | 3750/tcp | CBOS/IP ncapsalation port |
| cbos-ip-port | 3750/udp | CBOS/IP ncapsalatoin port |

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# Thomas Dannemiller <tom.dannemiller@rolls-royce.com>
April 2003
gprs-cube 3751/tcp CommLinx GPRS Cube
gprs-cube 3751/udp CommLinx GPRS Cube
# Peter Johnson <peter@commlinx.com.au> April 2003
vipremoteagent 3752/tcp Vigil-IP RemoteAgent
vipremoteagent 3752/udp Vigil-IP RemoteAgent
# Bryan Alvord <bryan@vaticor.com> April 2003
nattyserver 3753/tcp NattyServer Port
nattyserver 3753/udp NattyServer Port
# Akira Saito <admin@kobu.com> April 2003
timestenbroker 3754/tcp TimesTen Broker Port
timestenbroker 3754/udp TimesTen Broker Port
# David Aspinwall <aspinwall@TimesTen.com> April 2003
sas-remote-hlp 3755/tcp SAS Remote Help Server
sas-remote-hlp 3755/udp SAS Remote Help Server
# Gary T. Ciampa <Gary.Ciampa@sas.com> April 2003
canon-capt 3756/tcp Canon CAPT Port
canon-capt 3756/udp Canon CAPT Port
# Takashi Okazawa <okazawa.takashi@canon.co.jp> April
2003
grf-port 3757/tcp GRF Server Port
grf-port 3757/udp GRF Server Port
# Robert Banfill <robert@banfill.net> April 2003
apw-registry 3758/tcp apw RMI registry
apw-registry 3758/udp apw RMI registry
# Dan Davis <Dan.A.Davis@hp.com> April 2003
exapt-lmgr 3759/tcp Exapt License Manager
exapt-lmgr 3759/udp Exapt License Manager
# Christoph Kukulies <info@exapt.de> April 2003
adtempusclient 3760/tcp adTempus Client
adtempusclient 3760/udp adTEMPus Client
# Bill Wingate <bill.wingate@arcanadev.com> May 2003
gsakmp 3761/tcp gsakmp port
gsakmp 3761/udp gsakmp port
# [RFC4535]
gbs-smp 3762/tcp GBS SnapMail Protocol
gbs-smp 3762/udp GBS SnapMail Protocol
# Eric Harris-Braun <eric@glassbead.com> June 2003
xo-wave 3763/tcp XO Wave Control Port
xo-wave 3763/udp XO Wave Control Port
# Bjorn Dittmer-Roche <bjorn@xowave.com> June 2003
mni-prot-rout 3764/tcp MNI Protected Routing
mni-prot-rout 3764/udp MNI Protected Routing
# Tim Behne <timothyb@microwavenetworks.com> June 2003
rtracroute 3765/tcp Remote Traceroute
rtracroute 3765/udp Remote Traceroute
# A. Blake Cooper <blake@cluebie.net> June 2003
listmgr-port 3767/tcp ListMGR Port
listmgr-port 3767/udp ListMGR Port
# Takashi Kubota <kubota.takashi@pfu.fugitsu.com> June
2003
rblcheckd 3768/tcp rblcheckd server daemon
rblcheckd 3768/udp rblcheckd server daemon
# Sabri Berisha <sabri@cluecentral.net> June 2003
haipe-otnk 3769/tcp HAIPE Network Keying
haipe-otnk 3769/udp HAIPE Network Keying

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|-------------------|-----------|---|
| # | | Mike Irani <irani@spawar.navy.mil> June 2003 |
| cindycollab | 3770/tcp | Cinderella Collaboration |
| cindycollab | 3770/udp | Cinderella Collaboration |
| # | | Ulrich Kortenkamp <kortenkamp@cinderella.de> June |
| 2003 | | |
| paging-port | 3771/tcp | RTP Paging Port |
| paging-port | 3771/udp | RTP Paging Port |
| # | | Patrick Ferriter <Patrick.Ferriter@zultys.com> June |
| 2003 | | |
| ctp | 3772/tcp | Chantry Tunnel Protocol |
| ctp | 3772/udp | Chantry Tunnel Protocol |
| # | | Inderpreet Singh <isingh@chantrynetworks.com> June |
| 2003 | | |
| ctdhercules | 3773/tcp | ctdhercules |
| ctdhercules | 3773/udp | ctdhercules |
| # | | Carl Banzhof <cbanzhof@citadel.com> June 2003 |
| zicom | 3774/tcp | ZICOM |
| zicom | 3774/udp | ZICOM |
| # | | Sabu Das <sabud@zicomsecure.com> June 2003 |
| ispmmgr | 3775/tcp | ISPM Manager Port |
| ispmmgr | 3775/udp | ISPM Manager Port |
| # | | Eric Anderson <eanderson@netvision.com> June 2003 |
| dvcprov-port | 3776/tcp | Device Provisioning Port |
| dvcprov-port | 3776/udp | Device Provisioning Port |
| # | | Rob Lehew <rlehew@microsoft.com> June 2003 |
| jibe-eb | 3777/tcp | Jibe EdgeBurst |
| jibe-eb | 3777/udp | Jibe EdgeBurst |
| # | | Chap Tippin <chad.tippin@jibeinc.com> June 2003 |
| c-h-it-port | 3778/tcp | Cutler-Hammer IT Port |
| c-h-it-port | 3778/udp | Cutler-Hammer IT Port |
| # | | Thomas Ruchti <thomasmruchti@eaton.com> June 2003 |
| cognima | 3779/tcp | Cognima Replication |
| cognima | 3779/udp | Cognima Replication |
| # | | Raplh Greenwell <iana@cognima.com> June 2003 |
| nnp | 3780/tcp | Nuzzler Network Protocol |
| nnp | 3780/udp | Nuzzler Network Protocol |
| # | | Andreas Schwarz <andreas.schwarz@securepoint.de> |
| June 2003 | | |
| abcvoice-port | 3781/tcp | ABCvoice server port |
| abcvoice-port | 3781/udp | ABCvoice server port |
| # | | Carlos Gonzalez-Roman Ferrer <iana@abcdatos.com> |
| June 2003 | | |
| iso-tp0s | 3782/tcp | Secure ISO TP0 port |
| iso-tp0s | 3782/udp | Secure ISO TP0 port |
| # | | Herbert Falk <herb@sisconet.com> June 2003 |
| bim-pem | 3783/tcp | Impact Mgr./PEM Gateway |
| bim-pem | 3783/udp | Impact Mgr./PEM Gateway |
| # | | Walter G. Giroir <walt_giroir@bmc.com> July 2003 |
| bfd-control | 3784/tcp | BFD Control Protocol |
| bfd-control | 3784/udp | BFD Control Protocol |
| bfd-echo | 3785/tcp | BFD Echo Protocol |
| bfd-echo | 3785/udp | BFD Echo Protocol |
| # | | Dave Katz <dkatz@juniper.net> Dave Ward |
| <dward@cisco.com> | July 2003 | |
| upstriggervsw | 3786/tcp | VSW Upstrigger port |
| upstriggervsw | 3786/udp | VSW Upstrigger port |

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# Mark-Tim Junghanns <mjunghanns@vangerow.de> July
2003
fintrx 3787/tcp Fintrx
fintrx 3787/udp Fintrx
# Peter G.L. Potgieser <p.g.l.potgieser@interpay.nl>
July 2003
isrp-port 3788/tcp SPACEWAY Routing port
isrp-port 3788/udp SPACEWAY Routing port
# Vaibhav Kumar <vakumar@hns.com> July 2003
remotedeploy 3789/tcp RemoteDeploy Administration Port
remotedeploy 3789/udp RemoteDeploy Administration Port
# Guenther Kroenert <guenther.kroenert@fujitsu-
siemens.com> July 2003
quickbooksrds 3790/tcp QuickBooks RDS
quickbooksrds 3790/udp QuickBooks RDS
# Almira <almira_niciu@intuit.com> July 2003
tvnetworkvideo 3791/tcp TV NetworkVideo Data port
tvnetworkvideo 3791/udp TV NetworkVideo Data port
# Kevin Brunner <brunner@tivo.com> July 2003
sitewatch 3792/tcp e-Watch Corporation SiteWatch
sitewatch 3792/udp e-Watch Corporation SiteWatch
# John M. Baird <jbaird@e-watch.com> July 2003
dcsoftware 3793/tcp DataCore Software
dcsoftware 3793/udp DataCore Software
# Andre Cato <andre.cato@datacore.com> July 2003
jaus 3794/tcp JAUS Robots
jaus 3794/udp JAUS Robots
# Steven B. Cliff <scliff@remotec-andros.com> July
2003
myblast 3795/tcp myBLAST Mekentosj port
myblast 3795/udp myBLAST Mekentosj port
# Alexander Griekspoor <a.griekspoor@nki.nl> July 2003
spw-dialer 3796/tcp Spaceway Dialer
spw-dialer 3796/udp Spaceway Dialer
# Patrick Fisher <pfisher@hns.com> July 2003
idps 3797/tcp idps
idps 3797/udp idps
# Jean-Francois Rabasse <jfr@idps.org> July 2003
minilock 3798/tcp Minilock
minilock 3798/udp Minilock
# Daniel Julio Reyes <danieljreyes@yahoo.com> August
2003
radius-dynauth 3799/tcp RADIUS Dynamic Authorization
radius-dynauth 3799/udp RADIUS Dynamic Authorization
# RFC 3576 - July 2003
pwgpsi 3800/tcp Print Services Interface
pwgpsi 3800/udp Print Services Interface
# Harry Lewis <harryl@us.ibm.com> May 2003
ibm-mgr 3801/tcp ibm manager service
ibm-mgr 3801/udp ibm manager service
# Tim Hahn <hahnt@us.ibm.com> March 2006
vhd 3802/tcp VHD
vhd 3802/udp VHD
# Chris Duncombe <cdunc@atpeng.com>
soniqsync 3803/tcp SoniqSync
soniqsync 3803/udp SoniqSync

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# Ryan Melville <ryan_melville@soniqcast.com> January
2004
iqnet-port 3804/tcp Harman IQNet Port
iqnet-port 3804/udp Harman IQNet Port
# Bruce Vander Werf <bvanderwerf@crowntl.com>
February 2004
tcpdataserver 3805/tcp ThorGuard Server Port
tcpdataserver 3805/udp ThorGuard Server Port
# Joel E. Steiger <jsteiger@eic-us.com> February 2004
wsmlb 3806/tcp Remote System Manager
wsmlb 3806/udp Remote System Manager
# Thomas Fiege <tfiege@us.ibm.com> February 2004
spugna 3807/tcp SpuGNA Communication Port
spugna 3807/udp SpuGNA Communication Port
# Samuele Sequi <samuelesequi@defcom.it> February 2004
sun-as-iiops-ca 3808/tcp Sun App Svr-IIOPClntAuth
sun-as-iiops-ca 3808/udp Sun App Svr-IIOPClntAuth
# Abhijit Kumar <as-iana-ports@sun.com> November 2005
apocd 3809/tcp Java Desktop System Configuration Agent
apocd 3809/udp Java Desktop System Configuration Agent
# Geoff Higgins <geoff.higgins@sun.com> March 2006
wlanauth 3810/tcp WLAN AS server
wlanauth 3810/udp WLAN AS server
# Bianling Zhang <blzhang@iwncomm.com> February 2004
amp 3811/tcp AMP
amp 3811/udp AMP
# Northon Rodrigues <northon.rodrigues@thomson.net>
February 2004
neto-wol-server 3812/tcp netO WOL Server
neto-wol-server 3812/udp netO WOL Server
# Martin Bestmann <martin@no.netopia.com> March 2004
rap-ip 3813/tcp Rhapsody Interface Protocol
rap-ip 3813/udp Rhapsody Interface Protocol
# Paul Zander (Philips CFT) <p.j.zander@philips.com>
March 2004
neto-dcs 3814/tcp netO DCS
neto-dcs 3814/udp netO DCS
# Martin Bestmann <martin@no.netopia.com> March 2004
lansurveyorxml 3815/tcp LANsurveyor XML
lansurveyorxml 3815/udp LANsurveyor XML
# Michael Swan <swan@neon.com> April 2004
sunlps-http 3816/tcp Sun Local Patch Server
sunlps-http 3816/udp Sun Local Patch Server
# Barry Greenberg <barry.greenberg@sun.com> April 2004
tapeware 3817/tcp Yosemite Tech Tapeware
tapeware 3817/udp Yosemite Tech Tapeware
# Luke Dion <ldion@tapeware.com> April 2004
crinis-hb 3818/tcp Crinis Heartbeat
crinis-hb 3818/udp Crinis Heartbeat
# Eric McMurry <emcmurry@crinisnetworks.com> April
2004
epl-slp 3819/tcp EPL Sequ Layer Protocol
epl-slp 3819/udp EPL Sequ Layer Protocol
# Hans Weibel <hans.weibel@zhwin.ch> October 2004
scp 3820/tcp Siemens AuD SCP
scp 3820/udp Siemens AuD SCP

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# Johann Arnold <johann.arnold@siemens.com> October
2004
pmcp 3821/tcp ATSC PMCP Standard
pmcp 3821/udp ATSC PMCP Standard
# Graham Jones <gjones@nab.org> November 2004
acp-discovery 3822/tcp Compute Pool Discovery
acp-discovery 3822/udp Compute Pool Discovery
acp-conduit 3823/tcp Compute Pool Conduit
acp-conduit 3823/udp Compute Pool Conduit
acp-policy 3824/tcp Compute Pool Policy
acp-policy 3824/udp Compute Pool Policy
# Andy Belk <register1@azulsystems.com> February 2005
# 3825-3830 Unassigned
dvapps 3831/tcp Docsvault Application Service
dvapps 3831/udp Docsvault Application Service
# Ketul Patel <ketulp76@yahoo.com> October 2006
xxnetserver 3832/tcp xxNETserver
xxnetserver 3832/udp xxNETserver
# Lawrence R. Bulduc <LBulduc@ATTGlobal.net> October 2006
aipn-auth 3833/tcp AIPN LS Authentication
aipn-auth 3833/udp AIPN LS Authentication
# Qiang Zhang <qzhang@iwncomm.com> October 2006
spectardata 3834/tcp Spectar Data Stream Service
spectardata 3834/udp Spectar Data Stream Service
spectardb 3835/tcp Spectar Database Rights Service
spectardb 3835/udp Spectar Database Rights Service
# Jan Rutger Voorhorst <janrutger@roadware.nl> October 2006
markem-dcp 3836/tcp MARKEM NEXTGEN DCP
markem-dcp 3836/udp MARKEM NEXTGEN DCP
mkm-discovery 3837/tcp MARKEM Auto-Discovery
mkm-discovery 3837/udp MARKEM Auto-Discovery
# Vadym Kargin <vkargin@markem.com> August 2005
sos 3838/tcp Scito Object Server
sos 3838/udp Scito Object Server
# Arno Klaassen <arno@ccr.jussieu.fr> November 2003
amx-rms 3839/tcp AMX Resource Management Suite
amx-rms 3839/udp AMX Resource Management Suite
# Ron Barber <ron.barber@amx.com> November 2003
flirtmitmir 3840/tcp www.FlirtMitMir.de
flirtmitmir 3840/udp www.FlirtMitMir.de
# Carsten Falticska <falticska@freenet.de> November
2003
zfirm-shiprush3 3841/tcp Z-Firm ShipRush v3
zfirm-shiprush3 3841/udp Z-Firm ShipRush v3
# Rafael Zimmeroff <rafael@zfirmllc.com> November 2003
nhci 3842/tcp NHCI status port
nhci 3842/udp NHCI status port
# Eric Welch <eric@innosys.com> November 2003
quest-agent 3843/tcp Quest Common Agent
quest-agent 3843/udp Quest Common Agent
# Peter Maher <quest_iana@oz.quest.com> November 2003
rnm 3844/tcp RNM
rnm 3844/udp RNM
# sn0w of renegade labs <sn0w@devious.tsongkie.com>
November 2003
v-one-spp 3845/tcp V-ONE Single Port Proxy
v-one-spp 3845/udp V-ONE Single Port Proxy

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| | | |
|----------------|-----------|---|
| # | | Daniel Becker <dbecker@v-one.com> |
| an-pcp | 3846/tcp | Astare Network PCP |
| an-pcp | 3846/udp | Astare Network PCP |
| # | | Tony Gulino <astaregod@hotmail.com> August 2003 |
| msfw-control | 3847/tcp | MS Firewall Control |
| msfw-control | 3847/udp | MS Firewall Control |
| # | | Oren Trutner <orentrut@microsoft.com> August 2003 |
| item | 3848/tcp | IT Environmental Monitor |
| item | 3848/udp | IT Environmental Monitor |
| # | | Keith Wright <kwright@sensatronics.com> August 2003 |
| spw-dnspreload | 3849/tcp | SPACEWAY DNS Preload |
| spw-dnspreload | 3849/udp | SPACEWAY DNS Preload |
| # | | Daniel Friedman <dfriedman@hns.com> August 2003 |
| qtms-bootstrap | 3850/tcp | QTMS Bootstrap Protocol |
| qtms-bootstrap | 3850/udp | QTMS Bootstrap Protocol |
| # | | Phil Willis <phil.willis@prism-uk.com> August 2003 |
| spectraport | 3851/tcp | SpectraTalk Port |
| spectraport | 3851/udp | SpectraTalk Port |
| # | | Madhav Karhade <madhav.karhade@wibhu.com> August 2003 |
| sse-app-config | 3852/tcp | SSE App Configuration |
| sse-app-config | 3852/udp | SSE App Configuration |
| # | | Tim Wilson <tim.wilson@motorola.com> August 2003 |
| sscan | 3853/tcp | SONY scanning protocol |
| sscan | 3853/udp | SONY scanning protocol |
| # | | Takashi Aihara <aiharat@sm.sony.co.jp> August 2003 |
| stryker-com | 3854/tcp | Stryker Comm Port |
| stryker-com | 3854/udp | Stryker Comm Port |
| # | | Andrew Schultz <aschultz@strykercom.com> August 2003 |
| opentrac | 3855/tcp | OpenTRAC |
| opentrac | 3855/udp | OpenTRAC |
| # | | Scott Miller <scott@opentrac.org> August 2003 |
| informer | 3856/tcp | INFORMER |
| informer | 3856/udp | INFORMER |
| # | | Filippo Fadda <fadda@osway.com> August 2003 |
| trap-port | 3857/tcp | Trap Port |
| trap-port | 3857/udp | Trap Port |
| # | | Norm Freedman <normfree@san.rr.com> August 2003 |
| trap-port-mom | 3858/tcp | Trap Port MOM |
| trap-port-mom | 3858/udp | Trap Port MOM |
| # | | Norm Freedman <normfree@san.rr.com> August 2003 |
| nav-port | 3859/tcp | Navini Port |
| nav-port | 3859/udp | Navini Port |
| # | | Chris Sanders <csanders@navini.com> August 2003 |
| sasp | 3860/tcp | Server/Application State Protocol (SASP) |
| sasp | 3860/udp | Server/Application State Protocol (SASP) |
| # | | Alan Bivens <jbivens@us.ibm.com> August 2003 |
| winshadow-hd | 3861/tcp | winShadow Host Discovery |
| winshadow-hd | 3861/udp | winShadow Host Discovery |
| # | | Shu-Wei Tan <stan@omnicomtech.com> March 2003 |
| giga-pocket | 3862/tcp | GIGA-POCKET |
| giga-pocket | 3862/udp | GIGA-POCKET |
| # | | Yoshikazu Watanabe <nabe@sm.sony.co.jp> |
| asap-tcp | 3863/tcp | asap tcp port |
| asap-udp | 3863/udp | asap udp port |
| # | | Lyndon Ong <lyong@ciena.com> August 2003 |
| asap-sctp | 3863/sctp | asap sctp |


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# Lyndon Ong <lyong@ciena.com> November 2005
asap-tcp-tls 3864/tcp asap/tls tcp port
# Lyndon Ong <lyong@ciena.com> August 2003
asap-sctp-tls 3864/sctp asap-sctp/tls
# Lyndon Ong <lyong@ciena.com> June 2006
xpl 3865/tcp xpl automation protocol
xpl 3865/udp xpl automation protocol
# Ian Lowe <ian@xplproject.org.uk> August 2003
dzdaemon 3866/tcp Sun SDViz DZDAEMON Port
dzdaemon 3866/udp Sun SDViz DZDAEMON Port
# Kevin Rushforth <kevin.rushforth@sun.com> August
2003
dzoglserver 3867/tcp Sun SDViz DZOGLSERVER Port
dzoglserver 3867/udp Sun SDViz DZOGLSERVER Port
# Kevin Rushforth <kevin.rushforth@sun.com> August
2003
diameter 3868/tcp DIAMETER
# 3868/udp Reserved
diameter 3868/sctp DIAMETER
# RFC-ietf-aaa-diameter-17.txt
ovsam-mgmt 3869/tcp hp OVSAM MgmtServer Disco
ovsam-mgmt 3869/udp hp OVSAM MgmtServer Disco
# Mike Pontillo <pontillo@hp.com> August 2003
ovsam-d-agent 3870/tcp hp OVSAM HostAgent Disco
ovsam-d-agent 3870/udp hp OVSAM HostAgent Disco
# Mike Pontillo <pontillo@hp.com> August 2003
avocent-adsap 3871/tcp Avocent DS Authorization
avocent-adsap 3871/udp Avocent DS Authorization
# Eduardo Fernandez <eduardo.fernandez@avocent.com>
August 2003
oem-agent 3872/tcp OEM Agent
oem-agent 3872/udp OEM Agent
# Narain Jagathesan <narain.jagathesan@oracle.com>
November 2003
fagordnc 3873/tcp fagordnc
fagordnc 3873/udp fagordnc
# Luis Zugasti <lzugasti@fagorautomation.es> November
2003
sixxsconfig 3874/tcp SixXS Configuration
sixxsconfig 3874/udp SixXS Configuration
# Jeroen Massar <jeroen@unfix.org> November 2003
pnbscada 3875/tcp PNBSCADA
pnbscada 3875/udp PNBSCADA
# Philip N. Bergstresser <phil@bergstresser.org>
dl_agent 3876/tcp DirectoryLockdown Agent
dl_agent 3876/udp DirectoryLockdown Agent
# NetPro Computing <ports@netpro.com> October 2003
xmpcr-interface 3877/tcp XMPCR Interface Port
xmpcr-interface 3877/udp XMPCR Interface Port
# Christopher Carlson <cjc@dobbz.com> October 2003
fotogcad 3878/tcp FotoG CAD interface
fotogcad 3878/udp FotoG CAD interface
# Jason Szabo <jason.szabo@vexcel.com> October 2003
appss-lm 3879/tcp appss license manager
appss-lm 3879/udp appss license manager
# Peter Krueger <krueger@appss.de> October 2003
igrs 3880/tcp IGRS

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| | | |
|----------------|----------|--|
| igrs | 3880/udp | IGRS |
| # | | Huang Jingnan <huangjnb@lenovo.com> October 2003 |
| idac | 3881/tcp | Data Acquisition and Control |
| idac | 3881/udp | Data Acquisition and Control |
| # | | Chatziandreoglou Christos <chatzi@xan.forthnet.gr> |
| October 2003 | | |
| msdts1 | 3882/tcp | DTS Service Port |
| msdts1 | 3882/udp | DTS Service Port |
| # | | Sergei Ivanov <sergei@microsoft.com> October 2003 |
| vrpn | 3883/tcp | VR Peripheral Network |
| vrpn | 3883/udp | VR Peripheral Network |
| # | | Russell M. Taylor II <taylor@cs.unc.edu> October |
| 2003 | | |
| softrack-meter | 3884/tcp | SofTrack Metering |
| softrack-meter | 3884/udp | SofTrack Metering |
| # | | John T. McCann <jmccann@softwaremetering.com> |
| October 2003 | | |
| topflow-ssl | 3885/tcp | TopFlow SSL |
| topflow-ssl | 3885/udp | TopFlow SSL |
| # | | Ken Nelson <nelson@TopLayer.com> |
| nei-management | 3886/tcp | NEI management port |
| nei-management | 3886/udp | NEI management port |
| # | | Kevin Murphy <kevin.murphy@networkengines.com> |
| October 2003 | | |
| ciphire-data | 3887/tcp | Ciphire Data Transport |
| ciphire-data | 3887/udp | Ciphire Data Transport |
| # | | Lars Eilebrecht <le+iana@leogic.com> October 2003 |
| ciphire-serv | 3888/tcp | Ciphire Services |
| ciphire-serv | 3888/udp | Ciphire Services |
| # | | Lars Eilebrecht <le+iana@leogic.com> October 2003 |
| dandv-tester | 3889/tcp | D and V Tester Control Port |
| dandv-tester | 3889/udp | D and V Tester Control Port |
| # | | Voiko Loukanov <v.loukanov@dvelectronics.com> |
| October 2003 | | |
| ndsconnect | 3890/tcp | Niche Data Server Connect |
| ndsconnect | 3890/udp | Niche Data Server Connect |
| # | | Roland Schneider <rsch@nicherms.com> October 2003 |
| rtc-pm-port | 3891/tcp | Oracle RTC-PM port |
| rtc-pm-port | 3891/udp | Oracle RTC-PM port |
| # | | PV Shivkumar <p.shivkumar@oracle.com> October 2003 |
| pcc-image-port | 3892/tcp | PCC-image-port |
| pcc-image-port | 3892/udp | PCC-image-port |
| # | | Shiro Tamoto <tamoto.shiro@jp.panasonic.com> October |
| 2003 | | |
| cgi-starapi | 3893/tcp | CGI StarAPI Server |
| cgi-starapi | 3893/udp | CGI StarAPI Server |
| # | | Garry Moore <garry.moore@cgi.com> October 2003 |
| syam-agent | 3894/tcp | SyAM Agent Port |
| syam-agent | 3894/udp | SyAM Agent Port |
| # | | Michael Daniele <michael.daniele@syamssoftware.com> |
| October 2003 | | |
| syam-smc | 3895/tcp | SyAm SMC Service Port |
| syam-smc | 3895/udp | SyAm SMC Service Port |
| # | | Michael Daniele <michael.daniele@syamssoftware.com> |
| October 2003 | | |
| sdo-tls | 3896/tcp | Simple Distributed Objects over TLS |
| sdo-tls | 3896/udp | Simple Distributed Objects over TLS |

| | | |
|----------------|----------|--|
| # | | Alexander Philippou <alex@noemax.com> October 2003 |
| sdo-ssh | 3897/tcp | Simple Distributed Objects over SSH |
| sdo-ssh | 3897/udp | Simple Distributed Objects over SSH |
| # | | Alexander Philippou <alex@noemax.com> October 2003 |
| senip | 3898/tcp | IAS, Inc. SmartEye NET Internet Protocol |
| senip | 3898/udp | IAS, Inc. SmartEye NET Internet Protocol |
| # | | Matt Nowicki <nowickim@iasdirect.com> October 2003 |
| itv-control | 3899/tcp | ITV Port |
| itv-control | 3899/udp | ITV Port |
| # | | Alex Nicu <alex.nicu@philips.com> October 2003 |
| udt_os | 3900/tcp | Unidata UDT OS |
| udt_os | 3900/udp | Unidata UDT OS |
| # | | James Powell <james@mailhost.unidata.com> |
| nimsh | 3901/tcp | NIM Service Handler |
| nimsh | 3901/udp | NIM Service Handler |
| # | | Paul B. Finley <pfinley@us.ibm.com> October 2003 |
| nimaux | 3902/tcp | NIMsh Auxiliary Port |
| nimaux | 3902/udp | NIMsh Auxiliary Port |
| # | | Paul B. Finley <pfinley@us.ibm.com> October 2003 |
| charsetmgr | 3903/tcp | CharsetMGR |
| charsetmgr | 3903/udp | CharsetMGR |
| # | | Tatsuya Ueda <tatsu@ist.fujitsu.com> October 2003 |
| omnilink-port | 3904/tcp | Arnet Omnilink Port |
| omnilink-port | 3904/udp | Arnet Omnilink Port |
| # | | Ronen Shaul <ronen@arnetsystems.com> October 2003 |
| mupdate | 3905/tcp | Mailbox Update (MUPDATE) protocol |
| mupdate | 3905/udp | Mailbox Update (MUPDATE) protocol |
| # | | RFC-draft-siemborski-mupdate-04.txt October 2003 |
| topovista-data | 3906/tcp | TopoVista elevation data |
| topovista-data | 3906/udp | TopoVista elevation data |
| # | | Gregg Townsend <gmt@cs.arizona.edu> November 2003 |
| imoguia-port | 3907/tcp | Imoguia Port |
| imoguia-port | 3907/udp | Imoguia Port |
| # | | Emidio Cunha <emidio@janeladigital.com> November |
| 2003 | | |
| hppronetman | 3908/tcp | HP Procurve NetManagement |
| hppronetman | 3908/udp | HP Procurve NetManagement |
| # | | Devon Dawson <devon.dawson@hp.com> November 2003 |
| surfcontrolcpa | 3909/tcp | SurfControl CPA |
| surfcontrolcpa | 3909/udp | SurfControl CPA |
| # | | Hywel Morgan <hywel@surfcontrol.com> November 2003 |
| prnrequest | 3910/tcp | Printer Request Port |
| prnrequest | 3910/udp | Printer Request Port |
| # | | Brett Green <brett_green@hp.com> November 2003 |
| prnstatus | 3911/tcp | Printer Status Port |
| prnstatus | 3911/udp | Printer Status Port |
| # | | Brett Green <brett_green@hp.com> November 2003 |
| gbmt-stars | 3912/tcp | Global Maintech Stars |
| gbmt-stars | 3912/udp | Global Maintech Stars |
| # | | Harry Goldschmitt <hgoldschmitt@hgac.com> November |
| 2003 | | |
| listcrt-port | 3913/tcp | ListCREATOR Port |
| listcrt-port | 3913/udp | ListCREATOR Port |
| # | | Tomokazu Asai <asai.tomokazu@pfu.fujitsu.com> |
| November 2003 | | |
| listcrt-port-2 | 3914/tcp | ListCREATOR Port 2 |
| listcrt-port-2 | 3914/udp | ListCREATOR Port 2 |

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# Tomokazu Asai <asai.tomokazu@pfu.fujitsu.com>
November 2003
agcat 3915/tcp Auto-Graphics Cataloging
agcat 3915/udp Auto-Graphics Cataloging
# Paul Cope <prc@auto-graphics.com> November 2003
wysdmc 3916/tcp WysDM Controller
wysdmc 3916/udp WysDM Controller
# Jim McDonald <jim.mcdonald@sysdm.com> November 2003
aftmux 3917/tcp AFT multiplex port
aftmux 3917/udp AFT multiples port
# Alfred Schmidt <a.schmidt@aft-werdohl.de> November
2003
pktcablemmcps 3918/tcp PacketCableMultimediaCOPS
pktcablemmcps 3918/udp PacketCableMultimediaCOPS
# Eric Rosenfeld <e.rosenfeld@cablelabs.com> November
2003
hyperip 3919/tcp HyperIP
hyperip 3919/udp HyperIP
# Dave Reiland <dave.reiland@netex.com> November 2003
exasoftport1 3920/tcp Exasoft IP Port
exasoftport1 3920/udp Exasoft IP Port
# Alan Malik <alan@exasoft.co.uk> November 2003
herodotus-net 3921/tcp Herodotus Net
herodotus-net 3921/udp Herodotus Net
# Adam Gawne-Cain <adam@gawncainresearch.co.uk>
November 2003
sor-update 3922/tcp Soronti Update Port
sor-update 3922/udp Soronti Update Port
# Carleton Watkins <carleton@soronti.com> November
2003
symb-sb-port 3923/tcp Symbian Service Broker
symb-sb-port 3923/udp Symbian Service Broker
# Ian McDowall <ian.mcdowall@symbian.com> November
2003
mpl-gprs-port 3924/tcp MPL_GPRS_PORT
mpl-gprs-port 3924/udp MPL_GPRS_Port
# David Barrass <david.barrass@minorplante.com>
November 2003
zmp 3925/tcp Zoran Media Port
zmp 3925/udp Zoran Media Port
# Gerard Cerchio <gjpc@circlesoft.com> November 2003
winport 3926/tcp WINPort
winport 3926/udp WINPort
# Alwin Egger <alwin.egger@tegonal.com> November 2003
natdataservice 3927/tcp ScsTsr
natdataservice 3927/udp ScsTsr
# Ghanshyam Patel <gpatel@natinc.com> November 2003
netboot-pxe 3928/tcp PXE NetBoot Manager
netboot-pxe 3928/udp PXE NetBoot Manager
# Markus Treinen <markus.treinen@siemens.com> November
2003
smauth-port 3929/tcp AMS Port
smauth-port 3929/udp AMS Port
# Angelique Dokos <angelique.dokos@hp.com> November
2003
syam-webserver 3930/tcp Syam Web Server Port
syam-webserver 3930/udp Syam Web Server Port

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| | | |
|-----------------|----------|--|
| # | | Michael Daniele <michael.daniele@syamssoftware.com> |
| November 2003 | | |
| msr-plugin-port | 3931/tcp | MSR Plugin Port |
| msr-plugin-port | 3931/udp | MSR Plugin Port |
| # | | Ron Steed <rsteed@cemaphore.com> November 2003 |
| dyn-site | 3932/tcp | Dynamic Site System |
| dyn-site | 3932/udp | Dynamic Site System |
| # | | Steve Qi <steve.qi@dyn-site.com> November 2003 |
| plbserve-port | 3933/tcp | PL/B App Server User Port |
| plbserve-port | 3933/udp | PL/B App Server User Port |
| # | | Edward R. Boedecker <boedeck1@flash.net> November |
| 2003 | | |
| sunfm-port | 3934/tcp | PL/B File Manager Port |
| sunfm-port | 3934/udp | PL/B File Manager Port |
| # | | Edward R. Boedecker <boedeck1@flash.net> November |
| 2003 | | |
| sdp-portmapper | 3935/tcp | SDP Port Mapper Protocol |
| sdp-portmapper | 3935/udp | SDP Port Mapper Protocol |
| # | | James Pinkerton <jpink@microsoft.com> November 2003 |
| mailprox | 3936/tcp | Mailprox |
| mailprox | 3936/udp | Mailprox |
| # | | Christof Drescher <drescher@mailprox.net> November |
| 2003 | | |
| dvbservdscport | 3937/tcp | DVB Service Disc Port |
| dvbservdscport | 3937/udp | DVB Service Disc Port |
| # | | Bert van Willigen <bert.vanwilligen@philips.com> |
| November 2003 | | |
| dbcontrol_agent | 3938/tcp | Oracle dbControl Agent po |
| dbcontrol_agent | 3938/udp | Oracel dbControl Agent po |
| # | | Todd Guay <todd.guay@oracle.com> November 2003 |
| aamp | 3939/tcp | Anti-virus Application Management Port |
| aamp | 3939/udp | Anti-virus Application Management Port |
| # | | In-sik Choi <iscard@virusdesk.com> February 2002 |
| xecp-node | 3940/tcp | XeCP Node Service |
| xecp-node | 3940/udp | XeCP Node Service |
| # | | Brent McCullough <bmccullough@timemgmt.com> November |
| 2003 | | |
| homeportal-web | 3941/tcp | Home Portal Web Server |
| homeportal-web | 3941/udp | Home Portal Web Server |
| # | | Christian Beaumont <chrisb@lantronix.com> November |
| 2003 | | |
| srdp | 3942/tcp | satellite distribution |
| srdp | 3942/udp | satellite distribution |
| # | | Simone Molendini <simone.molendini@unile.it> |
| November 2003 | | |
| tig | 3943/tcp | TetraNode Ip Gateway |
| tig | 3943/udp | TetraNode Ip Gateway |
| # | | B. van Klinken <b.vklinken@rohill.nl> December 2003 |
| sops | 3944/tcp | S-Ops Management |
| sops | 3944/udp | S-Ops Management |
| # | | Stefan Hochuli <iana.org@dunes.ch> December 2003 |
| emcads | 3945/tcp | EMCADS Server Port |
| emcads | 3945/udp | EMCADS Server Port |
| # | | Jimi Thor Joergensen <jimi@giritech.com> January |
| 2004 | | |
| backupedge | 3946/tcp | BackupEDGE Server |
| backupedge | 3946/udp | BackupEDGE Server |

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#                               Frank Liberato <frank@microlite.com> June 2004
ccp                3947/tcp      Connect and Control Protocol for Consumer,
Commercial, and Industrial Electronic Devices
ccp                3947/udp      Connect and Control Protocol for Consumer,
Commercial, and Industrial Electronic Devices
#                               Aaron Myer <aaron.myer@in2nets.com> June 2004
apdap             3948/tcp      Anton Paar Device Administration Protocol
apdap             3948/udp      Anton Paar Device Administration Protocol
#                               Martin Leitner <info@anton-paar.com> June 2004
drip              3949/tcp      Dynamic Routing Information Protocol
drip              3949/udp      Dynamic Routing Information Protocol
#                               Dana Blair <dblair@cisco.com> June 2004
namemunge         3950/tcp      Name Munging
namemunge         3950/udp      Name Munging
#                               John C. Klensin <klensin@jck.com> July 2004
pwgippfax         3951/tcp      PWG IPP Facsimile
pwgippfax         3951/udp      PWG IPP Facsimile
#                               Ira McDonald <imcdonald@sharplabs.com> August 2004
i3-sessionmgr    3952/tcp      I3 Session Manager
i3-sessionmgr    3952/udp      I3 Session Manager
#                               Mike Gagle <mikeg@inin.com> August 2004
xmlink-connect   3953/tcp      Eydeas XMLink Connect
xmlink-connect   3953/udp      Eydeas XMLink Connect
#                               David Crewson <davidc@eydeas.net> September 2004
adrep            3954/tcp      AD Replication RPC
adrep            3954/udp      AD Replication RPC
#                               Robert Ball <robert.ball@smiths-aerospace.com>
August 2005
p2pcommunity     3955/tcp      p2pCommunity
p2pcommunity     3955/udp      p2pCommunity
#                               Tiago Bittencourt Silva <tiagobs@ufpr.br> August
2005
gvcp              3956/tcp      GigE Vision Control
gvcp              3956/udp      GigE Vision Control
#                               Eric Carey <ecarey@corecoimaging.com> August 2005
mqe-broker       3957/tcp      MQEnterprise Broker
mqe-broker       3957/udp      MQEnterprise Broker
mqe-agent        3958/tcp      MQEnterprise Agent
mqe-agent        3958/udp      MQEnterprise Agent
#                               Don Celli <don.celli@asg.com> August 2005
treehopper       3959/tcp      Tree Hopper Networking
treehopper       3959/udp      Tree Hopper Networking
#                               Gary Whelan <gwhelan@sybonic.com> August 2005
bess             3960/tcp      Bess Peer Assessment
bess             3960/udp      Bess Peer Assessment
#                               Peter Verdon <bess@dcs.warwick.ac.uk> August 2005
proxess          3961/tcp      ProAxess Server
proxess          3961/udp      ProAxess Server
#                               Jonas Ahlqvist <jonas.a@informationssystem.se>
August 2005
sbi-agent        3962/tcp      SBI Agent Protocol
sbi-agent        3962/udp      SBI Agent Protocol
#                               Yossi Applebourn <yossia@web-silicon.com> August 2005
thrp             3963/tcp      Teran Hybrid Routing Protocol
thrp             3963/udp      Teran Hybrid Routing Protocol
#                               Spencer Teran <steran@dotlot.com> August 2005
sasgprs          3964/tcp      SASG GPRS

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sasggprs 3964/udp SASG GPRS
Cristian Petculescu <petcu40@gmail.com> August 2005
ati-ip-to-ncpe 3965/tcp Avanti IP to NCPE API
ati-ip-to-ncpe 3965/udp Avanti IP to NCPE API
Steve Meyer, Sr. <stevem@avanti-tech.com> August
2005
bflckmgr 3966/tcp BuildForge Lock Manager
bflckmgr 3966/udp BuildForge Lock Manager
Joe Senner <jsenner@buildforge.com> August 2005
ppsms 3967/tcp PPS Message Service
ppsms 3967/udp PPS Message Service
Bart Schaefer <bart@suburbansoftware.com> August
2005
ianywhere-dbns 3968/tcp iAnywhere DBNS
ianywhere-dbns 3968/udp iAnywhere DBNS
Graeme Perrow <gperrow@ianywhere.com> August 2005
landmarks 3969/tcp Landmark Messages
landmarks 3969/udp Landmark Messages
Petri Rauhala <petri.rauhala@nokia.com> August 2005
lanrevagent 3970/tcp LANrev Agent
lanrevagent 3970/udp LANrev Agent
lanrevserver 3971/tcp LANrev Server
lanrevserver 3971/udp LANrev Server
Martin Bestmann <martin@poleposition-sw.com> August
2005
iconp 3972/tcp ict-control Protocol
iconp 3972/udp ict-control Protocol
Roel Harbers <r.harbers@ict-control.com> August 2005
progistics 3973/tcp ConnectShip Progistics
progistics 3973/udp ConnectShip Progistics
Jeff Skaistis <jskaistis@connectship.com> August
2005
citysearch 3974/tcp Remote Applicant Tracking Service
citysearch 3974/udp Remote Applicant Tracking Service
Marc Castelluccio <mcastell@areanetworks.net> August
2005
airshot 3975/tcp Air Shot
airshot 3975/udp Air Shot
Shingo Kimura <Shingo.Kimura@jp.sony.com> August
2005
opswagent 3976/tcp Opsware Agent
opswagent 3976/udp Opsware Agent
opswmanager 3977/tcp Opsware Manager
opswmanager 3977/udp Opsware Manager
Dave Jagoda <dj@opsware.com> June 2006
secure-cfg-svr 3978/tcp Secured Configuration Server
secure-cfg-svr 3978/udp Secured Configuration Server
Dr. Anupam Bharali <paniana@gmail.com> June 2006
smwan 3979/tcp Smith Micro Wide Area Network Service
smwan 3979/udp Smith Micro Wide Area Network Service
David Sperling <dsperling@smithmicro.com> June 2006
acms 3980/tcp Aircraft Cabin Management System
acms 3980/udp Aircraft Cabin Management System
Dustin Zack <dustin.e.zack@gmail.com> June 2006
starfish 3981/tcp Starfish System Admin
starfish 3981/udp Starfish System Admin
Dan Razzell <dan@starfishsystems.ca> June 2006

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eis          3982/tcp    ESRI Image Server
eis          3982/udp    ESRI Image Server
eisp        3983/tcp    ESRI Image Service
eisp        3983/udp    ESRI Image Service
#           Keith Ryden <kryden@esri.com> July 2006
mapper-nodemgr 3984/tcp    MAPPER network node manager
mapper-nodemgr 3984/udp    MAPPER network node manager
mapper-mapethd 3985/tcp    MAPPER TCP/IP server
mapper-mapethd 3985/udp    MAPPER TCP/IP server
mapper-ws_ethd 3986/tcp    MAPPER workstation server
mapper-ws_ethd 3986/udp    MAPPER workstation server
#           John C. Horton <jch@unirsvl.rsvl.unisys.com>
centerline    3987/tcp    Centerline
centerline    3987/udp    Centerline
#           Mark Simpson <simpson@centerline.com>
dcs-config    3988/tcp    DCS Configuration Port
dcs-config    3988/udp    DCS Configuration Port
#           Ian Cargill <ian.cargill@e-dendrite.com> August 2005
bv-queryengine 3989/tcp    BindView-Query Engine
bv-queryengine 3989/udp    BindView-Query Engine
bv-is         3990/tcp    BindView-IS
bv-is         3990/udp    BindView-IS
bv-smcsrv     3991/tcp    BindView-SMCServer
bv-smcsrv     3991/udp    BindView-SMCServer
bv-ds         3992/tcp    BindView-DirectoryServer
bv-ds         3992/udp    BindView-DirectoryServer
bv-agent      3993/tcp    BindView-Agent
bv-agent      3993/udp    BindView-Agent
#           David A. Gayler <David.Gayler@bindview.com> August
2005
objserver     3994/tcp    Objectika Administrator Server
objserver     3994/udp    Objectika Administrator Server
#           Objectika Ltd <objectika@gmail.com> July 2006
iss-mgmt-ssl  3995/tcp    ISS Management Svcs SSL
iss-mgmt-ssl  3995/udp    ISS Management Svcs SSL
#           Wes Wilson <wwilson@iss.net> October 2003
abcsoftware   3996/tcp    abcsoftware-01
abscoftware   3996/udp    abcsoftware-01
#           Andrew Zimmerman <andrew@zimmerman.net> June 2004
agentsease-db 3997/tcp    aes_db
agentsease-db 3997/udp    aes_db
#           Colin Hughes <chughes@agentsease.net> February 2006
#           3998-3999 Unassigned
terabase      4000/tcp    Terabase
terabase      4000/udp    Terabase
#           Thor Olson <Thor@terabase.com>
##### Potential Conflict of ports #####
##### PORT 4000 also used by ICQ <www.icq.com> #####
newoak        4001/tcp    NewOak
newoak        4001/udp    NewOak
#           Jim Philippou <jphilippou@newoak.com>
pxc-spvr-ft   4002/tcp    pxc-spvr-ft
pxc-spvr-ft   4002/udp    pxc-spvr-ft
pxc-splr-ft   4003/tcp    pxc-splr-ft
pxc-splr-ft   4003/udp    pxc-splr-ft
pxc-roid      4004/tcp    pxc-roid
pxc-roid      4004/udp    pxc-roid

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pxc-pin          4005/tcp   pxc-pin
pxc-pin          4005/udp   pxc-pin
pxc-spvr         4006/tcp   pxc-spvr
pxc-spvr         4006/udp   pxc-spvr
pxc-splr         4007/tcp   pxc-splr
pxc-splr         4007/udp   pxc-splr
#               Dave Nesbitt <nesbitt@cpl10.es.xerox.com>
netcheque        4008/tcp   NetCheque accounting
netcheque        4008/udp   NetCheque accounting
#               B. Clifford Neuman <bcn@isi.edu>
chimera-hwm      4009/tcp   Chimera HWM
chimera-hwm      4009/udp   Chimera HWM
#               Ken Anderson <kanderso@kleber.ICS.UCI.EDU>
samsung-unidex  4010/tcp   Samsung Unidex
samsung-unidex  4010/udp   Samsung Unidex
#               Konstantin V. Vyaznikov <kv@ssm6000.samsung.ru>
altserviceboot  4011/tcp   Alternate Service Boot
altserviceboot  4011/udp   Alternate Service Boot
#               Eric Dittert <Eric_Dittert@ccm.jf.intel.com>
pda-gate         4012/tcp   PDA Gate
pda-gate         4012/udp   PDA Gate
#               Masakuni Okada <masakuni@jp.ibm.com>
acl-manager      4013/tcp   ACL Manager
acl-manager      4013/udp   ACL Manager
#               Toru Murai <murai@saint.nm.fujitsu.co.jp>
taiclock         4014/tcp   TAICLOCK
taiclock         4014/udp   TAICLOCK
#               Dan Bernstein <djb@koobera.math.uic.edu>
talarian-mcast1 4015/tcp   Talarian Mcast
talarian-mcast1 4015/udp   Talarian Mcast
talarian-mcast2 4016/tcp   Talarian Mcast
talarian-mcast2 4016/udp   Talarian Mcast
talarian-mcast3 4017/tcp   Talarian Mcast
talarian-mcast3 4017/udp   Talarian Mcast
talarian-mcast4 4018/tcp   Talarian Mcast
talarian-mcast4 4018/udp   Talarian Mcast
talarian-mcast5 4019/tcp   Talarian Mcast
talarian-mcast5 4019/udp   Talarian Mcast
#               Geoff Mendal <mendal@talarian.com>
trap             4020/tcp   TRAP Port
trap             4020/udp   TRAP Port
#               Jeffrey C. Byrd <admin@vspacegroup.com>
nexus-portal    4021/tcp   Nexus Portal
nexus-portal    4021/udp   Nexus Portal
#               Damian Tarnawsky <support@nexusconcepts.com>
dnox            4022/tcp   DNOX
dnox            4022/udp   DNOX
#               Leo Rathnayake <leo@perlnet.com>
esnm-zoning     4023/tcp   ESNM Zoning Port
esnm-zoning     4023/udp   ESNM Zoning Port
#               Yong Cai <ycai@emc.com>
tnp1-port       4024/tcp   TNP1 User Port
tnp1-port       4024/udp   TNP1 User Port
#               Tony Gibbs <tony.gibbs@europe.simoco.com>
partimage       4025/tcp   Partition Image Port
partimage       4025/udp   Partition Image Port
#               Franck Ladurelle <ladurelf@partimage.org>

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| | | |
|----------------|----------|--|
| as-debug | 4026/tcp | Graphical Debug Server |
| as-debug | 4026/udp | Graphical Debug Server |
| # | | Steve Halverson <shalver@us.ibm.com> |
| bxp | 4027/tcp | bitxpress |
| bxp | 4027/udp | bitxpress |
| # | | Morgan Doyle <morgan@mpt.ie> |
| dtserver-port | 4028/tcp | DTServer Port |
| dtserver-port | 4028/udp | DTServer Port |
| # | | Stephen Aikins <stephen.aikins@embarcadero.com> |
| ip-qsig | 4029/tcp | IP Q signaling protocol |
| ip-qsig | 4029/udp | IP Q signaling protocol |
| # | | Toru Tachibana <tatibana@exs.ts.fujitsu.co.jp> |
| jdmn-port | 4030/tcp | Accell/JSP Daemon Port |
| jdmn-port | 4030/udp | Accell/JSP Daemon Port |
| # | | Art Grand <aig@unify.com> |
| suucp | 4031/tcp | UUCP over SSL |
| suucp | 4031/udp | UUCP over SSL |
| # | | Harald Welte <laforge@gnumonks.org> |
| vrts-auth-port | 4032/tcp | VERITAS Authorization Service |
| vrts-auth-port | 4032/udp | VERITAS Authorization Service |
| # | | Stefan Winkel <stefan@veritas.com> |
| sanavigator | 4033/tcp | SANavigator Peer Port |
| sanavigator | 4033/udp | SANavigator Peer Port |
| # | | Robert J. Chansler <robert.chansler@mcddata.com> |
| ubxd | 4034/tcp | Ubiquinox Daemon |
| ubxd | 4034/udp | Ubiquinox Daemon |
| # | | Kit Smithers <ksmithers@argogroup.com> |
| wap-push-http | 4035/tcp | WAP Push OTA-HTTP port |
| wap-push-http | 4035/udp | WAP Push OTA-HTTP port |
| wap-push-https | 4036/tcp | WAP Push OTA-HTTP secure |
| wap-push-https | 4036/udp | WAP Push OTA-HTTP secure |
| # | | Matthieu Lachance |
| # | | <matthieu.lachance@openwave.com> |
| ravehd | 4037/tcp | RaveHD network control |
| ravehd | 4037/udp | RaveHD network control |
| # | | Jason Howard <jason@spectsoft.com> January 2006 |
| fazzt-ptp | 4038/tcp | Fazzt Point-To-Point |
| fazzt-ptp | 4038/udp | Fazzt Point-To-Point |
| fazzt-admin | 4039/tcp | Fazzt Administration |
| fazzt-admin | 4039/udp | Fazzt Administration |
| # | | Lewis Wolfgang <wolfgang@kencast.com> May 2006 |
| yo-main | 4040/tcp | Yo.net main service |
| yo-main | 4040/udp | Yo.net main service |
| # | | John Tintor <jt@yo.net> |
| houston | 4041/tcp | Rocketeer-Houston |
| houston | 4041/udp | Rocketeer-Houston |
| # | | Johnny C. Norris II <jnorris@uiuc.edu> |
| ldxp | 4042/tcp | LDXP |
| ldxp | 4042/udp | LDXP |
| # | | Craig Calef <craig@katmango.com> |
| nirp | 4043/tcp | Neighbour Identity Resolution |
| nirp | 4043/udp | Neighbour Identity Resolution |
| ltp | 4044/tcp | Location Tracking Protocol |
| ltp | 4044/udp | Location Tracking Protocol |
| npp | 4045/tcp | Network Paging Protocol |
| npp | 4045/udp | Network Paging Protocol |
| acp-proto | 4046/tcp | Accounting Protocol |

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acp-proto      4046/udp      Accounting Protocol
ctp-state      4047/tcp      Context Transfer Protocol
ctp-state      4047/udp      Context Transfer Protocol
#
#              Hesham Soliman <H.Soliman@flarion.com> November 2005
objadmin      4048/tcp      Objectika Administrator Agent
objadmin      4048/udp      Objectika Administrator Agent
#
#              Objectika Ltd <objectika@gmail.com> June 2006
wafs          4049/tcp      Wide Area File Services
wafs          4049/udp      Wide Area File Services
#
#              Yuval Hager <yuval@avramzon.net> January 2006
cisco-wafs    4050/tcp      Wide Area File Services
cisco-wafs    4050/udp      Wide Area File Services
#
#              Etai Lev-Ran <elevran@cisco.com> February 2005
cppdp         4051/tcp      Cisco Peer to Peer Distribution Protocol
cppdp         4051/udp      Cisco Peer to Peer Distribution Protocol
#
#              Susan Sauter <ssauter@cisco.com> July 2006
interact      4052/tcp      VoiceConnect Interact
interact      4052/udp      VoiceConnect Interact
#
#              Jonathan Custance <jevc@camrivo.com> July 2006
ccu-comm-1    4053/tcp      CosmoCall Universe Communications Port 1
ccu-comm-1    4053/udp      CosmoCall Universe Communications Port 1
ccu-comm-2    4054/tcp      CosmoCall Universe Communications Port 2
ccu-comm-2    4054/udp      CosmoCall Universe Communications Port 2
ccu-comm-3    4055/tcp      CosmoCall Universe Communications Port 3
ccu-comm-3    4055/udp      CosmoCall Universe Communications Port 3
#
#              Steve Dellutri <sdellutri@cosmocom.com> July 2006
lms           4056/tcp      Location Message Service
lms           4056/udp      Location Message Service
#
#              Sergey Burnevsky <sergey.burnevsky@nokia.com> August 2006
wfm           4057/tcp      Servigistics WFM server
wfm           4057/udp      Servigistics WFM server
#
#              Yuri Machkasov <ymachkasov@servigistics.com> August 2006
kingfisher    4058/tcp      Kingfisher protocol
kingfisher    4058/udp      Kingfisher protocol
#
#              Vaughan Wesson <vaughanw@rtunet.com> October 2006
dlms-cosem    4059/tcp      DLMS/COSEM
dlms-cosem    4059/udp      DLMS/COSEM
#
#              Gyozo Kmethy <gyozo.kmethy@gnarus.hu> November 2006
dsmeter_iatc  4060/tcp      DSMETER Inter-Agent Transfer Channel
dsmeter_iatc  4060/udp      DSMETER Inter-Agent Transfer Channel
#
#              john mccann <jmccann@visualclick.com> December 2006
ice-location  4061/tcp      Ice Location Service (TCP)
ice-location  4061/udp      Ice Location Service (TCP)
ice-slocation 4062/tcp      Ice Location Service (SSL)
ice-slocation 4062/udp      Ice Location Service (SSL)
ice-router    4063/tcp      Ice Firewall Traversal Service (TCP)
ice-router    4063/udp      Ice Firewall Traversal Service (TCP)
ice-srouter   4064/tcp      Ice Firewall Traversal Service (SSL)
ice-srouter   4064/udp      Ice Firewall Traversal Service (SSL)
#
#              Bernard Normier <bernard@zeroc.com> December 2006
avanti_cdp    4065/tcp      Avanti Common Data
avanti_cdp    4065/udp      Avanti Common Data
#
#              Steve Meyer, Sr. <stevem@avanti-tech.com> February 2007
pmas          4066/tcp      Performance Measurement and Analysis
pmas          4066/udp      Performance Measurement and Analysis
#
#              Zenon Fortuna <zenon@mips.com> February 2007
idp           4067/tcp      Information Distribution Protocol

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idp          4067/udp    Information Distribution Protocol
#           Michaela Vanderveen <mvandervn@yahoo.com> February 2007
#           4068-4088  Unassigned
opencore     4089/tcp    OpenCORE Remote Control Service
opencore     4089/udp    OpenCORE Remote Control Service
#           Pim van Riezen <registries@panelsix.com> July 2006
omasgport    4090/tcp    OMA BCAST Service Guide
omasgport    4090/udp    OMA BCAST Service Guide
#           Mark Lipford <mark.a.lipford@sprint.com> July 2006
ewinstaller  4091/tcp    EminentWare Installer
ewinstaller  4091/udp    EminentWare Installer
ewdgs        4092/tcp    EminentWare DGS
ewdgs        4092/udp    EminentWare DGS
#           David A. Gayler <dgayler@eminentware.com> July 2006
pvxpluscs   4093/tcp    Pvx Plus CS Host
pvxpluscs   4093/udp    Pvx Plus CS Host
#           Michael King <mike.king@pvxplus.com> July 2006
sysrqd      4094/tcp    sysrq daemon
sysrqd      4094/udp    sysrq daemon
#           Julien Danjou <acid@debian.org> July 2006
xtgui       4095/tcp    xtgui information service
xtgui       4095/udp    xtgui information service
#           Jim Robanske <jimr@cray.com> May 2006
bre         4096/tcp    BRE (Bridge Relay Element)
bre         4096/udp    BRE (Bridge Relay Element)
#           Stephen Egbert <egbert@ra.timeplex.com>
patrolview  4097/tcp    Patrol View
patrolview  4097/udp    Patrol View
#           Portnoy Boxman <portnoy_boxman@bmc.com>
drmsfsd     4098/tcp    drmsfsd
drmsfsd     4098/udp    drmsfsd
#           Masao Iwai <iwai@kel.fujitsu.co.jp>
dpcp        4099/tcp    DPCP
dpcp        4099/udp    DPCP
#           John Croft <john.croft@calista.demon.co.uk>
igo-incognito 4100/tcp    IGo Incognito Data Port
igo-incognito 4100/udp    IGo Incognito Data Port
#           Paul Reddy <support@igo-incognito.com> February 2002
brlp-0      4101/tcp    Braille protocol
brlp-0      4101/udp    Braille protocol
brlp-1      4102/tcp    Braille protocol
brlp-1      4102/udp    Braille protocol
brlp-2      4103/tcp    Braille protocol
brlp-2      4103/udp    Braille protocol
brlp-3      4104/tcp    Braille protocol
brlp-3      4104/udp    Braille protocol
#           SÈbastien Hinderer <Sebastien.Hinderer@ens-lyon.org> March
2006
shofarplayer 4105/tcp    ShofarPlayer
shofarplayer 4105/udp    ShofarPlayer
#           John Kozlowski <John.Kozlowski@HeritageSystems.com> July
2006
synchronite  4106/tcp    Synchronite
synchronite  4106/udp    Synchronite
#           James Figgins <james.figgins@durodata.co.uk> July 2006
j-ac        4107/tcp    JDL Accounting LAN Service
j-ac        4107/udp    JDL Accounting LAN Service

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#           Takashi Sahara <sahara@jdl.co.jp> September 2006
accel      4108/tcp    ACCEL
accel      4108/udp    ACCEL
#           Masahiro Koiwai <Koiwai.Masahiro@exc.epson.co.jp> October
2006
izm        4109/tcp    Instantiated Zero-control Messaging
izm        4109/udp    Instantiated Zero-control Messaging
#           David Miller <dave.dsm@gmail.com> February 2007
g2tag     4110/tcp    G2 RFID Tag Telemetry Data
g2tag     4110/udp    G2 RFID Tag Telemetry Data
#           David Goodall <david.goodall@g2microsystems.com> February
2007
xgrid     4111/tcp    Xgrid
xgrid     4111/udp    Xgrid
#           David Kramer <dkramer@apple.com> November 2004
apple-vpns-rp 4112/tcp    Apple VPN Server Reporting Protocol
apple-vpns-rp 4112/udp    Apple VPN Server Reporting Protocol
#           Christophe Allie <callie@apple.com> August 2006
aipn-reg  4113/tcp    AIPN LS Registration
aipn-reg  4113/udp    AIPN LS Registration
#           Qiang Zhang <iad@iwncomm.com> October 2006
jomamqmonitor 4114/tcp    JomaMQMonitor
jomamqmonitor 4114/udp    JomaMQMonitor
#           Marcel Hofstetter <marcel.hofstetter@jomasoft.ch>
January 2003
cds       4115/tcp    CDS Transfer Agent
cds       4115/udp    CDS Transfer Agent
#           Neil Coggins <neil.coggins@6thsight.com> July 2006
smartcard-tls 4116/tcp    smartcard-TLS
smartcard-tls 4116/udp    smartcard-TLS
#           Ilan Mahalal <imahalal@axalto.com> April 2006
xmlivestream 4117/tcp    xmLive Streaming Service
xmlivestream 4117/udp    xmLive Streaming Service
#           Freddy A. Ayuso-Henson <frecom32@hotmail.com> November 2006
netscript 4118/tcp    Netadmin Systems NETscript service
netscript 4118/udp    Netadmin Systems NETscript service
#           G^ran Runfeldt <goran@netadmin.se> December 2006
assuria-slm 4119/tcp    Assuria Log Manager
assuria-slm 4119/udp    Assuria Log Manager
#           Nick Connor <nickc@assuria.com> December 2006
#           4120      Unassigned (Returned on 2007-02-01)
e-builder  4121/tcp    e-Builder Application Communication
e-builder  4121/udp    e-Builder Application Communication
#           James Caza <jcaza@e-builder.net> December 2006
fprams     4122/tcp    Fiber Patrol Alarm Service
fprams     4122/udp    Fiber Patrol Alarm Service
#           Zhizhong Zhuang <ZZhuang@Optellios.com> December 2006
z-wave     4123/tcp    Zensys Z-Wave Control Protocol
z-wave     4123/udp    Zensys Z-Wave Control Protocol
#           Anders Brandt, Zensys Inc. <abr@zen-sys.com> February 2007
#           4124-4131 Unassigned
nuts_dem   4132/tcp    NUTS Daemon
nuts_dem   4132/udp    NUTS Daemon
nuts_bootp 4133/tcp    NUTS Bootp Server
nuts_bootp 4133/udp    NUTS Bootp Server
#           Martin Freiss <freiss.pad@sni.>
nifty-hmi  4134/tcp    NIFTY-Serve HMI protocol

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nifty-hmi      4134/udp    NIFTY-Serve HMI protocol
#              Ryuichi Suzuki <SCI00376@niftyserve.or.jp>
cl-db-attach   4135/tcp    Classic Line Database Server Attach
cl-db-attach   4135/udp    Classic Line Database Server Attach
cl-db-request  4136/tcp    Classic Line Database Server Request
cl-db-request  4136/udp    Classic Line Database Server Request
cl-db-remote   4137/tcp    Classic Line Database Server Remote
cl-db-remote   4137/udp    Classic Line Database Server Remote
#              Arno Kirmeir <Arno.kirmeir@sage.de> January 2007
nettest        4138/tcp    nettest
nettest        4138/udp    nettest
#              David Borman <dab@windriver.com> March 2003
thrtx          4139/tcp    Imperfect Networks Server
thrtx          4139/udp    Imperfect Networks Server
#              Dinkar Chivaluri <dchivaluri@imperfectnetworks.com>
February 2006
cedros_fds     4140/tcp    Cedros Fraud Detection System
cedros_fds     4140/udp    Cedros Fraud Detection System
#              Markus Michels <markus.michels@cedros.com> October 2006
oirtgsvc       4141/tcp    Workflow Server
oirtgsvc       4141/udp    Workflow Server
oidocsvc       4142/tcp    Document Server
oidocsvc       4142/udp    Document Server
oidsr          4143/tcp    Document Replication
oidsr          4143/udp    Document Replication
#              Norman Brie <norm_brie@sns.ca>
##### Compuserve (unofficially) is using port 4144 #####
#              4144 Unassigned
vvr-control    4145/tcp    VVR Control
vvr-control    4145/udp    VVR Control
#              Ming Xu <ming@veritas.com>
tgconnect      4146/tcp    TGConnect Beacon
tgconnect      4146/udp    TGConnect Beacon
#              Brian Becker <bbecker@tgc-usa.com> October 2006
vrxpervman    4147/tcp    Multum Service Manager
vrxpervman    4147/udp    Multum Service Manager
#              Scott Mager <Scott.Mager@cerner.com> October 2006
#              4148-4153 Unassigned
atlinks        4154/tcp    atlinks device discovery
atlinks        4154/udp    atlinks device discovery
#              Scott Griepentrog <griepentrogs@atlinks.com> October
2002
bzzr           4155/tcp    Bazaar version control system
bzzr           4155/udp    Bazaar version control system
#              Martin Pool <mbp@canonical.com> February 2007
#              4156-4158 Unassigned
nss            4159/tcp    Network Security Service
nss            4159/udp    Network Security Service
#              Dave Wierbowski <wierbowski@us.ibm.com> August 2006
jini-discovery 4160/tcp    Jini Discovery
jini-discovery 4160/udp    Jini Discovery
#              Mark Hodapp <mark.hodapp@sun.com>
omscontact     4161/tcp    OMS Contact
omscontact     4161/udp    OMS Contact
omstopology    4162/tcp    OMS Topology
omstopology    4162/udp    OMS Topology
#              David Page <david.page@sun.com> August 2005

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#           4163-4177  Unassigned
storman    4178/tcp    StorMan
storman    4178/udp    StorMan
#           Werner Guertler <Werner.Guertler@fujitsu-siemens.com>
February 2007
#           4179-4198  Unassigned
eims-admin 4199/tcp    EIMS ADMIN
eims-admin 4199/udp    EIMS ADMIN
#           Glenn Anderson <glenn@qualcomm.co.nz>
vrml-multi-use 4200-4299 VRML Multi User Systems
#           Mitra <mitra@earth.path.net>
corelccam 4300/tcp    Corel CCam
corelccam 4300/udp    Corel CCam
#           Jason Aiken <jasona@corelcomputer.com>
d-data     4301/tcp    Diagnostic Data
d-data     4301/udp    Diagnostic Data
d-data-control 4302/tcp    Diagnostic Data Control
d-data-control 4302/udp    Diagnostic Data Control
#           Jon March <jon.march@paget-analyst-services.co.uk>
September 2006
srcp       4303/tcp    Simple Railroad Command Protocol
srcp       4303/udp    Simple Railroad Command Protocol
#           Matthias Trute <mtrute@web.de> January 2007
owserver   4304/tcp    One-Wire Filesystem Server
owserver   4304/udp    One-Wire Filesystem Server
#           Paul Alfille <paul.alfille@gmail.com> January 2007
#           4305-4308  Unassigned
dserver    4309/tcp    Exsequi Appliance Discovery
dserver    4309/udp    Exsequi Appliance Discovery
#           Angelo Masci <angelomasci@yahoo.co.uk> January 2007
#           4310-4319  Unassigned
fdt-rcatp 4320/tcp    FDT Remote Categorization Protocol
fdt-rcatp 4320/udp    FDT Remote Categorization Protocol
#           Russell P. Holsclaw, Fast Data Technology, Inc.
<rholsclaw@fastdatatech.com> March 2006
rwhois     4321/tcp    Remote Who Is
rwhois     4321/udp    Remote Who Is
#           Mark Kosters <markk@internic.net>
#           4322-4324  Unassigned
geognosisman 4325/tcp    Cadcorp GeognoSIS Manager Service
geognosisman 4325/udp    Cadcorp GeognoSIS Manager Service
geognosis 4326/tcp    Cadcorp GeognoSIS Service
geognosis 4326/udp    Cadcorp GeognoSIS Service
#           Martin Daly <martin.daly@cadcorp.com> November 2006
#           4327-4342  Unassigned
unicall    4343/tcp    UNICALL
unicall    4343/udp    UNICALL
#           James Powell <james@enghp.unidata.comp>
vinainstall 4344/tcp    VinaInstall
vinainstall 4344/udp    VinaInstall
#           Jay Slupesky <js@vina-tech.com>
m4-network-as 4345/tcp    Macro 4 Network AS
m4-network-as 4345/udp    Macro 4 Network AS
#           Paul Wren <Paul.Wren@macro4.com>
elanlm     4346/tcp    ELAN LM
elanlm     4346/udp    ELAN LM
#           Paul Ballew <ballew@projtech.com>

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lansurveyor      4347/tcp    LAN Surveyor
lansurveyor      4347/udp    LAN Surveyor
#                Michael Swan <swan@neon.com>
itose            4348/tcp    ITOSE
itose            4348/udp    ITOSE
#                Michael Haeuptle <Michael_Haeuptle@hp.com>
fspportmap      4349/tcp    File System Port Map
fspportmap      4349/udp    File System Port Map
#                Ron Minnich <rminnich@sarnoff.com>
net-device      4350/tcp    Net Device
net-device      4350/udp    Net Device
#                Glenn Peterson <glennp@microsoft.com>
plcy-net-svcs   4351/tcp    PLCY Net Services
plcy-net-svcs   4351/udp    PLCY Net Services
#                J.J. Ekstrom
pjlink          4352/tcp    Projector Link
pjlink          4352/udp    Projector Link
#                Mitsuo Kodama <kodama@jbmia.or.jp> June 2005
f5-iquery       4353/tcp    F5 iQuery
f5-iquery       4353/udp    F5 iQuery
#                Tom Kee <t.kee@f5.com>
qsnet-trans     4354/tcp    QSNet Transmitter
qsnet-trans     4354/udp    QSNet Transmitter
qsnet-workst    4355/tcp    QSNet Workstation
qsnet-workst    4355/udp    QSNet Workstation
qsnet-assist    4356/tcp    QSNet Assistant
qsnet-assist    4356/udp    QSNet Assistant
qsnet-cond      4357/tcp    QSNet Conductor
qsnet-cond      4357/udp    QSNet Conductor
qsnet-nucl      4358/tcp    QSNet Nucleus
qsnet-nucl      4358/udp    QSNet Nucleus
#                Neer Kleinman <neer@qsr.co.il>
#                4359-4367 Unassigned
wxbrief         4368/tcp    WeatherBrief Direct
wxbrief         4368/udp    WeatherBrief Direct
#                Kim Alan Waggoner <kimw@weatherbank.com> November 2006
epmd            4369/tcp    Erlang Port Mapper Daemon
epmd            4369/udp    Erlang Port Mapper Daemon
#                Erlang/OTP support <epmd@erix.ericsson.se> December
2004
#                4370-4399 Unassigned
ds-srv          4400/tcp    ASIGRA Services
ds-srv          4400/udp    ASIGRA Services
#                David Farajun <dfarajun@asigra.com> November 2004
ds-srvr        4401/tcp    ASIGRA Televaulting DS-System Service
ds-srvr        4401/udp    ASIGRA Televaulting DS-System Service
ds-clnt        4402/tcp    ASIGRA Televaulting DS-Client Service
ds-clnt        4402/udp    ASIGRA Televaulting DS-Client Service
ds-user        4403/tcp    ASIGRA Televaulting DS-Client Monitoring/Management
ds-user        4403/udp    ASIGRA Televaulting DS-Client Monitoring/Management
ds-admin       4404/tcp    ASIGRA Televaulting DS-System Monitoring/Management
ds-admin       4404/udp    ASIGRA Televaulting DS-System Monitoring/Management
ds-mail        4405/tcp    ASIGRA Televaulting Message Level Restore service
ds-mail        4405/udp    ASIGRA Televaulting Message Level Restore service
ds-slp         4406/tcp    ASIGRA Televaulting DS-Sleeper Service
ds-slp         4406/udp    ASIGRA Televaulting DS-Sleeper Service
#                Andrei Litvinn <support@asigra.com> January 2005

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#           4407-4425  Unassigned
beacon-port-2  4426/tcp  SMARTS Beacon Port
beacon-port-2  4426/udp  SMARTS Beacon Port
#           Eyal Yardeni <eyal.yardeni@smarts.com> November 2003
#           4427-4441  Unassigned
saris         4442/tcp  Saris
saris         4442/udp  Saris
pharos       4443/tcp  Pharos
pharos       4443/udp  Pharos
#           TeleConsult GmbH, 76275 Ettlingen, Germany
#           <teleconsult@t-online.de>
krb524       4444/tcp  KRB524
krb524       4444/udp  KRB524
#           B. Clifford Neuman <bcn@isi.edu>
# PROBLEM krb524 assigned the port,
# PROBLEM nv used it without an assignment
nv-video     4444/tcp  NV Video default
nv-video     4444/udp  NV Video default
#           Ron Frederick <frederick@parc.xerox.com>
upnotifyp   4445/tcp  UPNOTIFYFP
upnotifyp   4445/udp  UPNOTIFYFP
#           Mark Fox <markf@uplanet.com>
nl-fwp       4446/tcp  N1-FWP
nl-fwp       4446/udp  N1-FWP
nl-rmgmt     4447/tcp  N1-RMGMT
nl-rmgmt     4447/udp  N1-RMGMT
#           Lori Tassin <Ramsey@network-1.com>
asc-slmd     4448/tcp  ASC Licence Manager
asc-slmd     4448/udp  ASC Licence Manager
#           Casper Stoel <cbs@ascinc.com>
privatewire  4449/tcp  PrivateWire
privatewire  4449/udp  PrivateWire
#           Uri Resnitzky <info@arx.com>
camp         4450/tcp  Camp
camp         4450/udp  Camp
ctisystemmsg 4451/tcp  CTI System Msg
ctisystemmsg 4451/udp  CTI System Msg
ctiprogramload 4452/tcp  CTI Program Load
ctiprogramload 4452/udp  CTI Program Load
#           Steven Cliff <sbcliff@controltechnology.com>
nssalertmgr  4453/tcp  NSS Alert Manager
nssalertmgr  4453/udp  NSS Alert Manager
nssagentmgr  4454/tcp  NSS Agent Manager
nssagentmgr  4454/udp  NSS Agent Manager
#           Jim Hill<jhill@symantec.com>
prchat-user  4455/tcp  PR Chat User
prchat-user  4455/udp  PR Chat User
prchat-server 4456/tcp  PR Chat Server
prchat-server 4456/udp  PR Chat Server
prRegister  4457/tcp  PR Register
prRegister  4457/udp  PR Register
#           Donny Gilor <dgilor@pop01.ny.us.ibm.net>
mcp          4458/tcp  Matrix Configuration Protocol
mcp          4458/udp  Matrix Configuration Protocol
#           Tim DeBaillie <debaillie@ciholas.com> December 2006
#           4459-4483  Unassigned
hpssmgmt    4484/tcp  hpssmgmt service

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hpssmgmt      4484/udp  hpssmgmt service
#              David Straw <david.straw_at_hp.com> November 2005
#              4485-4499  Unassigned
ipsec-nat-t   4500/tcp  IPsec NAT-Traversal
ipsec-nat-t   4500/udp  IPsec NAT-Traversal
#              [RFC3947]
#              4501      De-registered (08 June 2001)
#              IANA <iana@iana.org>
#              4502-4534 Unassigned
ehs           4535/tcp  Event Heap Server
ehs           4535/udp  Event Heap Server
ehs-ssl       4536/tcp  Event Heap Server SSL
ehs-ssl       4536/udp  Event Heap Server SSL
#              Brad Johanson <bradj@tidebreak.com> August 2005
wssauthsvc    4537/tcp  WSS Security Service
wssauthsvc    4537/udp  WSS Security Service
#              Mark Tirschwell <mark.tirschwell@wallstreetsystems.com>
January 2006
isigate       4538/tcp  isigate
isigate       4538/udp  isigate
#              Julien VALIENTE <j.valiente@objectif-software.com> May 2006
#              4539-4544 Unassigned
worldscores   4545/tcp  WorldScores
worldscores   4545/udp  WorldScores
#              Steve Davis <sdavis@optum-inc.com>
sf-lm         4546/tcp  SF License Manager (Sentinel)
sf-lm         4546/udp  SF License Manager (Sentinel)
#              Thomas Koell <info@sf.com>
lanner-lm     4547/tcp  Lanner License Manager
lanner-lm     4547/udp  Lanner License Manager
#              Les Enstone <lenstone@lanner.co.uk>
synchromesh   4548/tcp  Synchromesh
synchromesh   4548/udp  Synchromesh
#              Tom Hawkins <tomahawkins@gmail.com> February 2006
aegate        4549/tcp  Aegate PMR Service
aegate        4549/udp  Aegate PMR Service
#              Nick Warrington <nick.warrington@paconsulting.com> March
2006
gds-adppiw-db 4550/tcp  Perman I Interbase Server
gds-adppiw-db 4550/udp  Perman I Interbase Server
#              Leo Lesage <leo.lesage@adp.nl> April 2006
#              4551-4553 Unassigned
msfrs         4554/tcp  MS FRS Replication
msfrs         4554/udp  MS FRS Replication
#              Kev George <Kev.George@smiths-aerospace.com> September 2006
rsip          4555/tcp  RSIP Port
rsip          4555/udp  RSIP Port
#              RFC 3103
dtm-bundle-tcp 4556/tcp  DTN Bundle TCP CL Protocol
dtm-bundle-udp 4556/udp  DTN Bundle UDP CL Protocol
#              Michael Demmer <demmer@cs.berkeley.edu> November 2006
#              4557-4558 Unassigned
hylafax       4559/tcp  HylaFAX
hylafax       4559/udp  HylaFAX
#              Lee Howard <iana@hylafax.org> March 2002
#              4560-4565 Unassigned
kwtc          4566/tcp  Kids Watch Time Control Service

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kwtc      4566/udp  Kids Watch Time Control Service
#         Larry Zarou <zarla01@cbsits.com> October 2006
tram      4567/tcp   TRAM
tram      4567/udp   TRAM
#         Joe Wesley <joe.wesley@east.sun.com>
bmc-reporting 4568/tcp   BMC Reporting
bmc-reporting 4568/udp   BMC Reporting
#         Portnoy Boxman <portnoy_boxman@bmc.com>
iax       4569/tcp   Inter-Asterisk eXchange
iax       4569/udp   Inter-Asterisk eXchange
#         Mark Spencer <markster@digium.com> November 2004
#         4570-4596 Unassigned
a21-an-1xbs 4597/tcp   A21 (AN-1xBS)
a21-an-1xbs 4597/udp   A21 (AN-1xBS)
#         David Ott <dott@qualcomm.com> February 2006
a16-an-an  4598/tcp   A16 (AN-AN)
a16-an-an  4598/udp   A16 (AN-AN)
#         David Ott <dott@qualcomm.com> December 2005
a17-an-an  4599/tcp   A17 (AN-AN)
a17-an-an  4599/udp   A17 (AN-AN)
#         David Ott <dott@qualcomm.com> February 2006
piranha1   4600/tcp   Piranha1
piranha1   4600/udp   Piranha1
piranha2   4601/tcp   Piranha2
piranha2   4601/udp   Piranha2
#         Primark Corporation <joe.boone@primark.com>
#         4602-4657 Unassigned
playsta2-app 4658/tcp   PlayStation2 App Port
playsta2-app 4658/udp   PlayStation2 App Port
playsta2-lob 4659/tcp   PlayStation2 Lobby Port
playsta2-lob 4659/udp   PlayStation2 Lobby Port
#         Noam Rimon <noam.rimon@playstation.sony.com>
December 2004
smaclmgr    4660/tcp   smaclmgr
smaclmgr    4660/udp   smaclmgr
#         Hiromi Taki <stg-togo@saint.nm.fujitsu.co.jp>
kar2ouche   4661/tcp   Kar2ouche Peer location service
kar2ouche   4661/udp   Kar2ouche Peer location service
#         Andy Krouwel <andy@kar2ouche.com>
oms         4662/tcp   OrbitNet Message Service
oms         4662/udp   OrbitNet Message Service
#         Roy Davies <rdavies@daq.net> August 2005
noteit      4663/tcp   Note It! Message Service
noteit      4663/udp   Note It! Message Service
#         Pedro Alpedrinha <pedro.alpedrinha@redevirtual.com>
February 2006
ems         4664/tcp   Rimage Messaging Server
ems         4664/udp   Rimage Messaging Server
#         David V. Raskin <draskin@rimage.com> February 2006
contclientms 4665/tcp   Container Client Message Service
contclientms 4665/udp   Container Client Message Service
#         Bruce Thompson <brucet@actioninformationsystems.com>
February 2006
eportcomm   4666/tcp   E-Port Message Service
eportcomm   4666/udp   E-Port Message Service
mmacomm     4667/tcp   MMA Comm Services
mmacomm     4667/udp   MMA Comm Services

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mmaeds          4668/tcp    MMA EDS Service
mmaeds          4668/udp    MMA EDS Service
#              Robert Shaffer <bob.shaffer@micmod.com> February 2006
eportcommdata  4669/tcp    E-Port Data Service
eportcommdata  4669/udp    E-Port Data Service
#              Robert Shaffer <bob.shaffer@micmod.com> February 2006
light          4670/tcp    Light packets transfer protocol
light          4670/udp    Light packets transfer protocol
#              Adam Golovenko <golovenko@gmail.com> October 2006
acter          4671/tcp    Bull RSF action server
acter          4671/udp    Bull RSF action server
#              Christian Caudrelier <Christian.Caudrelier@%bull.net>
February 2006
rfa            4672/tcp    remote file access server
rfa            4672/udp    remote file access server
#              No contact Listed
cxws           4673/tcp    CXWS Operations
cxws           4673/udp    CXWS Operations
#              Phil Abercrombie <phil.abercrombie@appiq.com> August
2005
appiq-mgmt     4674/tcp    AppIQ Agent Management
appiq-mgmt     4674/udp    AppIQ Agent Management
#              Phil Abercrombie <phil.abercrombie@appiq.com> August
2005
dhct-status    4675/tcp    BIAP Device Status
dhct-status    4675/udp    BIAP Device Status
dhct-alerts    4676/tcp    BIAP Generic Alert
dhct-alerts    4676/udp    BIAP Generic Alert
#              Louis Slothouber <lpslot@biap.com> August 2005
bcs            4677/tcp    Business Continuity Servi
bcs            4677/udp    Business Continuity Servi
#              Siew Sim <ssim@asempra.com> August 2005
traversal      4678/tcp    boundary traversal
traversal      4678/udp    boundary traversal
#              Kevin Lu <kevinlu@micromethod.com> August 2005
mgesupervision 4679/tcp    MGE UPS Supervision
mgesupervision 4679/udp    MGE UPS Supervision
mgemanagement  4680/tcp    MGE UPS Management
mgemanagement  4680/udp    MGE UPS Management
#              Lecuire J <software.team@mgeups.com> August 2005
parliant       4681/tcp    Parliant Telephony System
parliant       4681/udp    Parliant Telephony System
#              Colin Henein <iana@cmh.parliant.com> August 2005
finisar        4682/tcp    finisar
finisar        4682/udp    finisar
#              Christina Mercier <christina.mercier@finisar.com>
August 2005
spike          4683/tcp    Spike Clipboard Service
spike          4683/udp    Spike Clipboard Service
#              Scott Herscher <scott@porchdogsoft.com> August 2005
rfid-rp1       4684/tcp    RFID Reader Protocol 1.0
rfid-rp1       4684/udp    RFID Reader Protocol 1.0
#              Michael Mealling <michael@refactored-networks.com>
August 2005
autopac        4685/tcp    Autopac Protocol
autopac        4685/udp    Autopac Protocol

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# Peter Hallenbeck
<pete@consumertechnologiesgroup.com> August 2005
msp-os 4686/tcp Manina Service Protocol
msp-os 4686/udp Manina Service Protocol
# Markus Nix <mnix@docuverse.de> August 2005
nst 4687/tcp Network Scanner Tool FTP
nst 4687/udp Network Scanner Tool FTP
# Mala Bhat <bmala@ssdi.sharp.co.in> August 2005
mobile-p2p 4688/tcp Mobile P2P Service
mobile-p2p 4688/udp Mobile P2P Service
# Hanz H%ger <Hanz.Hager@sonyericsson.com> August 2005
altovacentral 4689/tcp Altova DatabaseCentral
altovacentral 4689/udp Altova DatabaseCentral
# Altova <has@altova.com> August 2005
prelude 4690/tcp Prelude IDS message proto
prelude 4690/udp Prelude IDS message proto
# Yoann Vandoorselaere <yoann@prelude-ids.org> August
2005
monotone 4691/tcp Monotone Network Protocol
monotone 4691/udp Monotone Network Protocol
# Tomas Fasth <tomfa@debian.org> August 2005
conspiracy 4692/tcp Conspiracy messaging
conspiracy 4692/udp Conspiracy messaging
# Jens Edlund <edlund@speech.kth.se> August 2005
# 4693-4699 Unassigned
netxms-agent 4700/tcp NetXMS Agent
netxms-agent 4700/udp NetXMS Agent
netxms-mgmt 4701/tcp NetXMS Management
netxms-mgmt 4701/udp NetXMS Management
netxms-sync 4702/tcp NetXMS Server Synchronization
netxms-sync 4702/udp NetXMS Server Synchronization
# Victor Kirhenshtein <victor@opticom.lv> July 2006
# 4703-4727 Unassigned
capmux 4728/tcp CA Port Multiplexer
capmux 4728/udp CA Port Multiplexer
# Nigel Groves <nigel.groves@ca.com> June 2006
# 4729-4736 Unassigned
ipdr-sp 4737/tcp IPDR/SP
ipdr-sp 4737/udp IPDR/SP
# Ken Sarno <kensarno@insightbb.com> August 2005
solera-lpn 4738/tcp SoleraTec Locator
solera-lpn 4738/udp SoleraTec Locator
# Mark Armstrong <Mark.Armstrong@SoleraTec.com>
December 2005
ipfix 4739/tcp IP Flow Info Export
ipfix 4739/udp IP Flow Info Export
# Nevil Brownlee <n.brownlee@auckland.ac.nz> August
2005
ipfix 4739/sctp IP Flow Info Export
# Nevil Brownlee <n.brownlee@auckland.ac.nz> January 2006
ipfixs 4740/tcp ipfix protocol over TLS
ipfixs 4740/sctp ipfix protocol over DTLS
ipfixs 4740/udp ipfix protocol over DTLS
# Nevil Brownlee <n.brownlee@auckland.ac.nz> October 2006
# 4741 Unassigned
sicct 4742/tcp SICCT
sicct-sdp 4742/udp SICCT Service Discovery Protocol

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#           TeleTrust Deutschland e.V. <info@teletrust.de> April 2006
openhpid   4743/tcp   openhpi HPI service
openhpid   4743/udp   openhpi HPI service
#           Thomas Kanngieser <thomas.kanngieser@arcor.de> January 2006
#           4744           Unassigned
fmp        4745/tcp   Funambol Mobile Push
fmp        4745/udp   Funambol Mobile Push
#           Andrea Gazzaniga <gazzaniga@funambol.com> January 2007
#           4746-4748   Unassigned
profilemac 4749/tcp   Profile for Mac
profilemac 4749/udp   Profile for Mac
#           David Sinclair <dev@profilemac.com> May 2006
ssad       4750/tcp   Simple Service Auto Discovery
ssad       4750/udp   Simple Service Auto Discovery
#           Dr Horst Herb <horst@dorrigomedical.com> December
2005
spocp      4751/tcp   Simple Policy Control Protocol
spocp      4751/udp   Simple Policy Control Protocol
#           Roland Hedberg <roland@catalogix.se> August 2005
snap       4752/tcp   Simple Network Audio Protocol
snap       4752/udp   Simple Network Audio Protocol
#           Dameon Wagner <d.wagner@freemail.absa.co.za>
February 2002
#           4753-4783   Unassigned
bfd-multi-ctl 4784/tcp   BFD Multihop Control
bfd-multi-ctl 4784/udp   BFD Multihop Control
#           Dave Katz <dkatz@juniper.net>; Dave Ward <dward@cisco.com>
February 2006
#           4785-4799   Unassigned
iims       4800/tcp   Icona Instant Messaging System
iims       4800/udp   Icona Instant Messaging System
iwec       4801/tcp   Icona Web Embedded Chat
iwec       4801/udp   Icona Web Embedded Chat
ilss       4802/tcp   Icona License System Server
ilss       4802/udp   Icona License System Server
#           Paul Stephen Borlie <paul@icona.it>
#           4803-4826   Unassigned
htcp       4827/tcp   HTCP
htcp       4827/udp   HTCP
#           Paul Vixie <paul@vix.com>
#           4828-4836   Unassigned
varadero-0 4837/tcp   Varadero-0
varadero-0 4837/udp   Varadero-0
varadero-1 4838/tcp   Varadero-1
varadero-1 4838/udp   Varadero-1
varadero-2 4839/tcp   Varadero-2
varadero-2 4839/udp   Varadero-2
#           Carlos Arteaga <carteaga@abacoinc.com>
opcua-tcp  4840/tcp   OPC UA TCP Protocol
opcua-udp  4840/udp   OPC UA TCP Protocol
#           Randy Armstrong <randy.armstrong@opcfoundation.org>
September 2006
quosa      4841/tcp   QUOSA Virtual Library Service
quosa      4841/udp   QUOSA Virtual Library Service
#           Uri Blank <uri@quosa.com> September 2006
gw-asv     4842/tcp   nCode ICE-flow Library AppServer
gw-asv     4842/udp   nCode ICE-flow Library AppServer

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#                               Ross Swithenbank <iana@ncode.co.uk> September 2006
opcua-tls 4843/tcp   OPC UA TCP Protocol over TLS/SSL
opcua-tls 4843/udp   OPC UA TCP Protocol over TLS/SSL
#                               Randy Armstrong <randy.armstrong@opcfoundation.org>
September 2006
gw-log      4844/tcp   nCode ICE-flow Library LogServer
gw-log      4844/udp   nCode ICE-flow Library LogServer
#                               Ross Swithenbank <iana@ncode.co.uk> September 2006
#                               4845-4847 Unassigned
appserv-http 4848/tcp   App Server - Admin HTTP
appserv-http 4848/udp   App Server - Admin HTTP
appserv-https 4849/tcp   App Server - Admin HTTPS
appserv-https 4849/udp   App Server - Admin HTTPS
#                               Sreeram Duvvuru <sduv@sfbay.sun.com> April 2002
sun-as-nodeagt 4850/tcp   Sun App Server - NA
sun-as-nodeagt 4850/udp   Sun App Server - NA
#                               Kedar Mhaswade <kedar.Mhaswade@sun.com> November
2004
#                               4851-4866 Unassigned
unify-debug 4867/tcp   Unify Debugger
unify-debug 4867/udp   Unify Debugger
#                               Ron Kuris <rk@unify.com> May 2006
phrelay      4868/tcp   Photon Relay
phrelay      4868/udp   Photon Relay
phrelaydbg   4869/tcp   Photon Relay Debug
phrelaydbg   4869/udp   Photon Relay Debug
#                               Michael Hunter <mphunter@qnx.com>
cc-tracking 4870/tcp   Citcom Tracking Service
cc-tracking 4870/udp   Citcom Tracking Service
#                               Wolfgang Weidner <ww@citcom.de> December 2005
wired        4871/tcp   Wired
wired        4871/udp   Wired
#                               Axel Andersson <axel@zankasoftware.com> February 2006
#                               4872-4884 Unassigned
abbs         4885/tcp   ABBS
abbs         4885/udp   ABBS
#                               Ryan Rubley <root@ark.dyn.ml.org>
#                               4886-4893 Unassigned
lyskom       4894/tcp   LysKOM Protocol A
lyskom       4894/udp   LysKOM Protocol A
#                               Per Cederqvist <ceder@lysator.liu.se>
#                               4895-4898 Unassigned
radmin-port 4899/tcp   RAdmin Port
radmin-port 4899/udp   RAdmin Port
#                               Dmitri Znosko <support@radmin.com> March 2003
hfcs         4900/tcp   Hyper File Client/Server Database Engine
hfcs         4900/udp   Hyper File Client/Server Database Engine
#                               Jerome AERTS <jae@pcsoft.fr> March 2006
#                               4901-4948 Unassigned
munin        4949/tcp   Munin Graphing Framework
munin        4949/udp   Munin Graphing Framework
#                               Jimmy Olsen <jo@linpro.no> August 2005
#                               4950 Unassigned
pwgwims      4951/tcp   PWG WIMS
pwgwims      4951/udp   PWG WIMS
#                               Ira McDonald <imcdonald@sharplabs.com> December 2005
sagxtsds     4952/tcp   SAG Directory Server

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sagxtsds      4952/udp    SAG Directory Server
#             Michael Chirila <Michael.Chirila@softwareag.com> January
2006
#             4953-4968 Unassigned
ccss-qmm      4969/tcp    CCSS QMessageMonitor
ccss-qmm      4969/udp    CCSS QMessageMonitor
ccss-qsm      4970/tcp    CCSS QSystemMonitor
ccss-qsm      4970/udp    CCSS QSystemMonitor
#             David Young <david.young@ccsseurope.co.uk> January 2006
#             4971-4982 Unassigned
#             4983      Unassigned (Removed on 2005-12-22)
#             4984-4985 Unassigned
mrip          4986/tcp    Model Railway Interface Program
mrip          4986/udp    Model Railway Interface Program
#             Howard Amos <amos@ccww.co.uk> April 2006
smar-se-port1 4987/tcp    SMAR Ethernet Port 1
smar-se-port1 4987/udp    SMAR Ethernet Port 1
smar-se-port2 4988/tcp    SMAR Ethernet Port 2
smar-se-port2 4988/udp    SMAR Ethernet Port 2
#             Delcio Prizon <dprizon@smar.com.br>
parallel      4989/tcp    Parallel for GAUSS (tm)
parallel      4989/udp    Parallel for GAUSS (tm)
#             Matthew Ford <Matthew.Ford@forward.com.au> March
2003
#             4990-4998 Unassigned
hfcs-manager  4999/tcp    Hyper File Client/Server Database Engine Manager
hfcs-manager  4999/udp    Hyper File Client/Server Database Engine Manager
#             Jerome AERTS <jae@pcsoft.fr> March 2006
complex-main  5000/tcp
complex-main  5000/udp
complex-link  5001/tcp
complex-link  5001/udp
rfe           5002/tcp    radio free ethernet
rfe           5002/udp    radio free ethernet
fmpro-internal 5003/tcp    FileMaker, Inc. - Proprietary transport
fmpro-internal 5003/udp    FileMaker, Inc. - Proprietary name binding
#             Clay Maeckel <clay_maeckel@filemaker.com>
avt-profile-1 5004/tcp    avt-profile-1
avt-profile-1 5004/udp    avt-profile-1
avt-profile-2 5005/tcp    avt-profile-2
avt-profile-2 5005/udp    avt-profile-2
#             Henning Schulzrinne <schulzrinne@fokus.gmd.de>
wsm-server    5006/tcp    wsm server
wsm-server    5006/udp    wsm server
wsm-server-ssl 5007/tcp    wsm server ssl
wsm-server-ssl 5007/udp    wsm server ssl
#             Adam Berk <aberk@empirix.com>
synapsis-edge 5008/tcp    Synapsis EDGE
synapsis-edge 5008/udp    Synapsis EDGE
#             Paul Schilling <PaulS@Synapsis.com>
winfs         5009/tcp    Microsoft Windows Filesystem
winfs         5009/udp    Microsoft Windows Filesystem
#             Simon Skaria <simonsk@microsoft.com> January 2006
telepathstart 5010/tcp    TelepathStart
telepathstart 5010/udp    TelepathStart
telepathattack 5011/tcp    TelepathAttack
telepathattack 5011/udp    TelepathAttack

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#           Helmuth Breitenfellner <hbreitenf@vnet.imb.com>
#           5012-5019 Unassigned
zenginkyo-1 5020/tcp  zenginkyo-1
zenginkyo-1 5020/udp  zenginkyo-1
zenginkyo-2 5021/tcp  zenginkyo-2
zenginkyo-2 5021/udp  zenginkyo-2
#           Masashi Suzaki <susakim@noa.nttdata.jp>
mice        5022/tcp  mice server
mice        5022/udp  mice server
#           Alan Clifford <alan@clifford.ac>
htuilsrv    5023/tcp  Htuil Server for PLD2
htuilsrv    5023/udp  Htuil Server for PLD2
#           Dennis Reinhardt <DennisR@dair.com>
scpi-telnet 5024/tcp  SCPI-TELNET
scpi-telnet 5024/udp  SCPI-TELNET
scpi-raw    5025/tcp  SCPI-RAW
scpi-raw    5025/udp  SCPI-RAW
#           Ryan Columbus <IANA_Contact@Agilent.com> October
2002
strexec-d   5026/tcp  Storix I/O daemon (data)
strexec-d   5026/udp  Storix I/O daemon (data)
strexec-s   5027/tcp  Storix I/O daemon (stat)
strexec-s   5027/udp  Storix I/O daemon (stat)
#           Anthony Johnson <stxadmin@storix.com> August 2005
#           5028-5029 Unassigned
surfpass    5030/tcp  SurfPass
surfpass    5030/udp  SurfPass
#           Olivier Guezenec <olivier.guezenec@cogilab.com> December
2006
#           5031-5041 Unassigned
asnaacceler8db 5042/tcp  asnaacceler8db
asnaacceler8db 5042/udp  asnaacceler8db
#           Walter Goodwin <wpgoodwin@asna.com>
swxadmin     5043/tcp  ShopWorX Administration
swxadmin     5043/udp  ShopWorX Administration
#           Don W. Fitzpatrick <dwf@InterNetworXsystems.com>
August 2005
lxi-evntsvc  5044/tcp  LXI Event Service
lxi-evntsvc  5044/udp  LXI Event Service
#           Nick Barendt <nbarendt@vxitech.com> August 2005
#           5045-5048 Unassigned
ivocalize    5049/tcp  iVocalize Web Conference
ivocalize    5049/udp  iVocalize Web Conference
#           Bryan Vergato <iana@ivocalize.com> May 2006
mmcc         5050/tcp  multimedia conference control tool
mmcc         5050/udp  multimedia conference control tool
#           Steve Casner <Casner@isi.edu>
ita-agent    5051/tcp  ITA Agent
ita-agent    5051/udp  ITA Agent
ita-manager   5052/tcp  ITA Manager
ita-manager   5052/udp  ITA Manager
#           Don Merrell <donmer@axent.com>
#           5053-5054 Unassigned
unot         5055/tcp  UNOT
unot         5055/udp  UNOT
#           Gordon Mohr <gmohr@cmgisolutions.com>
intecom-ps1  5056/tcp  Intecom Pointspan 1

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intecom-ps1      5056/udp      Intecom Pointspan 1
intecom-ps2      5057/tcp      Intecom Pointspan 2
intecom-ps2      5057/udp      Intecom Pointspan 2
#                David Meermans <david.meermans@aastra.com>
#                5058      Unassigned
sds              5059/tcp      SIP Directory Services
sds              5059/udp      SIP Directory Services
#                Arthur Wilton <art@awilton.com> March 2006
sip             5060/tcp      SIP
sip             5060/udp      SIP
sip-tls         5061/tcp      SIP-TLS
sip-tls         5061/udp      SIP-TLS
#                Henning Schulzrinne <hgs@cs.columbia.edu>
#                5062-5063 Unassigned
ca-1            5064/tcp      Channel Access 1
ca-1            5064/udp      Channel Access 1
ca-2            5065/tcp      Channel Access 2
ca-2            5065/udp      Channel Access 2
#                Jeffrey Hill <johill@lanl.gov> August 2002
stanag-5066     5066/tcp      STANAG-5066-SUBNET-INTF
stanag-5066     5066/udp      STANAG-5066-SUBNET-INTF
#                Donald G. Kallgren
#                <Donald.Kallgren@nc3a.nato.int>
authentx        5067/tcp      Authentx Service
authentx        5067/udp      Authentx Service
#                Alberto Fernandez <afernandez@xtec.com> January 2006
#                5068      Unassigned
i-net-2000-npr  5069/tcp      I/Net 2000-NPR
i-net-2000-npr  5069/udp      I/Net 2000-NPR
#                Chris Megede <chris.megede@tac.com>
vtsas           5070/tcp      VersaTrans Server Agent Service
vtsas           5070/udp      VersaTrans Server Agent Service
#                Christopher Miller <Chris.Miller@versatrans.com> February
2006
powerschool     5071/tcp      PowerSchool
powerschool     5071/udp      PowerSchool
#                Greg Porter <gporter@powerschool.com>
ayiya           5072/tcp      Anything In Anything
ayiya           5072/udp      Anything In Anything
#                Jeroen Massar <jeroen@unfix.org> August 2005
tag-pm          5073/tcp      Advantage Group Port Mgr
tag-pm          5073/udp      Advantage Group Port Mgr
#                James Goddard <jamesg@taglim.com> August 2005
alesquery       5074/tcp      ALES Query
alesquery       5074/udp      ALES Query
#                Tim Maloney <tim.maloney@allianceconsultingllc.com>
August 2005
#                5075-5080 Unassigned
sdl-ets         5081/tcp      SDL - Ent Trans Server
sdl-ets         5081/udp      SDL - Ent Trans Server
#                Marc Morin <mmorin@sdlintl.com> April 2002
#                5082-5083 Unassigned
llrp            5084/tcp      EPCglobal Low-Level Reader Protocol
llrp            5084/udp      EPCglobal Low-Level Reader Protocol
encrypted-llrp  5085/tcp      EPCglobal Encrypted LLRP
encrypted-llrp  5085/udp      EPCglobal Encrypted LLRP
#                Margaret Wasserman <margaret@thingmagic.com> November 2006

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#           5086-5089  Unassigned
car        5090/sctp  Candidate AR
cxtcp     5091/sctp  Context Transfer Protocol
#          RFC 4065 - July 2005
#          5092      Unassigned
sentinel-lm 5093/tcp    Sentinel LM
sentinel-lm 5093/udp    Sentinel LM
#          Derick Snyder <dsnyder@rainbow.com>
#          5094-5098 Unassigned
sentlm-srv2srv 5099/tcp    SentLM Srv2Srv
sentlm-srv2srv 5099/udp    SentLM Srv2Srv
#          Derick Snyder <dsnyder@rainbow.com>
socialia    5100/tcp    Socialia service mux
socialia    5100/udp    Socialia service mux
#          Alberto Raydan <raydan_a@socalia.com> August 2005
talarian-tcp 5101/tcp    Talarian_TCP
talarian-udp 5101/udp    Talarian_UDP
#          Leo Martins <leo@talarian.com>
oms-nonsecure 5102/tcp    Oracle OMS non-secure
oms-nonsecure 5102/udp    Oracle OMS non-secure
#          Todd Guay <todd.guay@oracle.com> August 2005
#          5103-5111 Unassigned
pm-cmdsvr   5112/tcp    PeerMe Msg Cmd Service
pm-cmdsvr   5112/udp    PeerMe Msg Cmd Service
#          Marcos Della <mdella@peerme.com> August 2005
#          5113-5132 Unassigned
nbt-pc     5133/tcp    Policy Commander
nbt-pc     5133/udp    Policy Commander
#          Emily Harris <eharris@newboundary.com> November 2004
#          5134-5136 Unassigned
ctsd       5137/tcp    MyCTS server port
ctsd       5137/udp    MyCTS server port
#          Jilles Oldenbeuving <ojilles@hotmail.com> June 2002
#          5138-5144 Unassigned
rmonitor_secure 5145/tcp    RMONITOR SECURE
rmonitor_secure 5145/udp    RMONITOR SECURE
#          Kory Hamzeh <kory@ascend.com>
#          5146-5149 Unassigned
atmp       5150/tcp    Ascend Tunnel Management Protocol
atmp       5150/udp    Ascend Tunnel Management Protocol
#          Kory Hamzeh <kory@ascend.com>
esri_sde   5151/tcp    ESRI SDE Instance
esri_sde   5151/udp    ESRI SDE Remote Start
sde-discovery 5152/tcp    ESRI SDE Instance Discovery
sde-discovery 5152/udp    ESRI SDE Instance Discovery
#          Peter Aronson <paronson@esri.com>
#          5153      Unassigned
bzflag     5154/tcp    BZFlag game server
bzflag     5154/udp    BZFlag game server
#          Tim Riker <tim@rikers.org> July 2003
asctrl-agent 5155/tcp    Oracle asControl Agent
asctrl-agent 5155/udp    Oracle asControl Agent
#          Todd Guay <todd.guay@oracle.com> August 2005
#          5156-5164 Unassigned
ife_icorp  5165/tcp    ife_lcorp
ife_icorp  5165/udp    ife_lcorp
#          Paul Annala <paa@bull.se>

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winpcs          5166/tcp    WinPCS Service Connection
winpcs          5166/udp    WinPCS Service Connection
#              Complan Network AS <knut@winpcs.com> February 2006
scte104        5167/tcp    SCTE104 Connection
scte104        5167/udp    SCTE104 Connection
scte30         5168/tcp    SCTE30 Connection
scte30         5168/udp    SCTE30 Connection
#              Thomas Russell <trussell@scte.org> May 2005
#              5169-5189 Unassigned
aol            5190/tcp    America-Online
aol            5190/udp    America-Online
#              Marty Lyons <marty@aol.com>
aol-1          5191/tcp    AmericaOnline1
aol-1          5191/udp    AmericaOnline1
aol-2          5192/tcp    AmericaOnline2
aol-2          5192/udp    AmericaOnline2
aol-3          5193/tcp    AmericaOnline3
aol-3          5193/udp    AmericaOnline3
#              Bruce Mackey <BAMackey@aol.com>
#              5194-5199 Unassigned
targus-getdata 5200/tcp    TARGUS GetData
targus-getdata 5200/udp    TARGUS GetData
targus-getdata1 5201/tcp    TARGUS GetData 1
targus-getdata1 5201/udp    TARGUS GetData 1
targus-getdata2 5202/tcp    TARGUS GetData 2
targus-getdata2 5202/udp    TARGUS GetData 2
targus-getdata3 5203/tcp    TARGUS GetData 3
targus-getdata3 5203/udp    TARGUS GetData 3
#              John Keaveney <johnkeaveney@targusinfo.com>
#              5204-5221 Unassigned
xmpp-client    5222/tcp    XMPP Client Connection
xmpp-client    5222/udp    XMPP Client Connection
#              [RFC3920]
#              5223-5224 Unassigned
hp-server      5225/tcp    HP Server
hp-server      5225/udp    HP Server
hp-status      5226/tcp    HP Status
hp-status      5226/udp    HP Status
#              Brett Green <Brett_Green@HP.Com>
#              5227-5233 Unassigned
eenet          5234/tcp    EEnet communications
eenet          5234/udp    EEnet communications
#              Helmut Giritzer <helmut.giritzer@epluse.at> November
2005
#              5235 Unassigned
padl2sim       5236/tcp
padl2sim       5236/udp
#              5237-5249 Unassigned
soagateway     5250/tcp    soaGateway
soagateway     5250/udp    soaGateway
#              Greg Bodine <gregory.bodine@ca.com> February 2002
caevms         5251/tcp    CA eTrust VM Service
caevms         5251/udp    CA eTrust VM Service
#              Kevin Bond <kevin.bond@ca.com> November 2004
movaz-ssc      5252/tcp    Movaz SSC
movaz-ssc      5252/udp    Movaz SSC
#              Lou Berger <lberger@movaz.com> November 2004

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# 5253-5263 Unassigned
3com-njack-1 5264/tcp 3Com Network Jack Port 1
3com-njack-1 5264/udp 3Com Network Jack Port 1
3com-njack-2 5265/tcp 3Com Network Jack Port 2
3com-njack-2 5265/udp 3Com Network Jack Port 2
# Abhay Rajaram <Abhay_Rajaram@3Com.com> March 2003
# 5266-5268 Unassigned
xmpp-server 5269/tcp XMPP Server Connection
xmpp-server 5269/udp XMPP Server Connection
# [RFC3920]
# 5270-5271 Unassigned
pk 5272/tcp PK
pk 5272/udp PK
# Patrick Kara <Patrick@EBA.NET>
# 5273-5281 Unassigned
transmit-port 5282/tcp Marimba Transmitter Port
transmit-port 5282/udp Marimba Transmitter Port
# Johan Eriksson <johan@marimba.com> April 2002
# 5283-5299 Unassigned
hacl-hb 5300/tcp HA cluster heartbeat
hacl-hb 5300/udp HA cluster heartbeat
hacl-gs 5301/tcp HA cluster general services
hacl-gs 5301/udp HA cluster general services
hacl-cfg 5302/tcp HA cluster configuration
hacl-cfg 5302/udp HA cluster configuration
hacl-probe 5303/tcp HA cluster probing
hacl-probe 5303/udp HA cluster probing
hacl-local 5304/tcp HA Cluster Commands
hacl-local 5304/udp HA Cluster Commands
hacl-test 5305/tcp HA Cluster Test
hacl-test 5305/udp HA Cluster Test
# Eric Soderberg <seric@hposl102.cup.hp>
# Edward Yim <eyim@hpmfas4.cup.hp.com>
sun-mc-grp 5306/tcp Sun MC Group
sun-mc-grp 5306/udp Sun MC Group
# Michael DeMoney <demoney@eng.sun.com>
sco-aip 5307/tcp SCO AIP
sco-aip 5307/udp SCO AIP
# Barrie Cooper <barrie@sco.com>
cfengine 5308/tcp CFEngine
cfengine 5308/udp CFEngine
# Mark Burgess <mark.burgess@iu.hioslo.no>
jprinter 5309/tcp J Printer
jprinter 5309/udp J Printer
# Ken Blackwell <kenb@bristol.com>
outlaws 5310/tcp Outlaws
outlaws 5310/udp Outlaws
# Richard Fife <richardf@lucasarts.com>
# 5311 Unassigned (removed 7 May 2004)
permabit-cs 5312/tcp Permabit Client-Server
permabit-cs 5312/udp Permabit Client-Server
# Jered Floyd <jered@permabit.com>, June 2004
rrdp 5313/tcp Real-time & Reliable Data
rrdp 5313/udp Real-time & Reliable Data
# Ted Hoshi <tetsuo.hoshi@jp.yokogawa.com>, June 2004
opalis-rbt-ipc 5314/tcp opalis-rbt-ipc
opalis-rbt-ipc 5314/udp opalis-rbt-ipc

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#                               Laurent Domenech <ldomenech@opalis.com>
hacl-poll      5315/tcp    HA Cluster UDP Polling
hacl-poll      5315/udp    HA Cluster UDP Polling
#                               Hoa Nguyen <hoan@cup.hp.com>
#                               5316-5342 Unassigned
kfserver       5343/tcp    Sculptor Database Server
kfserver       5343/udp    Sculptor Database Server
#                               Keith Ashman <sciana@sculptor.co.uk> December 2005
xkotodrcp     5344/tcp    xkoto DRCP
xkotodrcp     5344/udp    xkoto DRCP
#                               Jeff Heisz <jeff.heisz@xkoto.com> February 2006
#                               5345-5350 Unassigned
nat-pmp        5351/tcp    NAT Port Mapping Protocol
nat-pmp        5351/udp    NAT Port Mapping Protocol
#                               Joshua Graessley <jgraessley@apple.com> December
2004
dns-llq        5352/tcp    DNS Long-Lived Queries
dns-llq        5352/udp    DNS Long-Lived Queries
#                               Kiren Sekar <kiren@apple.com> August 2005
mdns           5353/tcp    Multicast DNS
mdns           5353/udp    Multicast DNS
#                               Stuart Cheshire <cheshire@multicastdns.org>
mdnsresponder 5354/tcp    Multicast DNS Responder IPC
mdnsresponder 5354/udp    Multicast DNS Responder IPC
#                               Stuart Cheshire <mdnsresponder-ipc@multicastdns.org>
June 2004
llmnr          5355/tcp    LLMNR
llmnr          5355/udp    LLMNR
#                               Bernard Aboba <bernarda@microsoft.com> June 2004
ms-smlbiz      5356/tcp    Microsoft Small Business
ms-smlbiz      5356/udp    Microsoft Small Business
#                               Gopikrishna Sandra <v-gosand@microsoft.com> February
2005
wsdapi         5357/tcp    Web Services for Devices
wsdapi         5357/udp    Web Services for Devices
wsdapi-s       5358/tcp    WS for Devices Secured
wsdapi-s       5358/udp    WS for Devices Secured
#                               Henry Rawas <henryr@microsoft.com> August 2005
#                               5359-5396 Unassigned
stresstester   5397/tcp    StressTester(tm) Injector
stresstester   5397/udp    StressTester(tm) Injector
#                               Graham Parsons <graham.parsons@reflective.com>
August 2005
elektron-admin 5398/tcp    Elektron Administration
elektron-admin 5398/udp    Elektron Administration
#                               Chris Hawk <chris@corriente.net> August 2005
securitychase  5399/tcp    SecurityChase
securitychase  5399/udp    SecurityChase
#                               Daisuke Shinomiya <shinomiya.daisu@jp.fujitsu.com>
August 2005
excerpt        5400/tcp    Excerpt Search
excerpt        5400/udp    Excerpt Search
excerpts       5401/tcp    Excerpt Search Secure
excerpts       5401/udp    Excerpt Search Secure
#                               John Hinsdale <hin@alma.com>
mftp           5402/tcp    OmniCast MFTP
mftp           5402/udp    OmniCast MFTP

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#           Steve Bannister <sbannister@stratacache.com>
hpoms-ci-lstn  5403/tcp  HPOMS-CI-LSTN
hpoms-ci-lstn  5403/udp  HPOMS-CI-LSTN
hpoms-dps-lstn 5404/tcp  HPOMS-DPS-LSTN
hpoms-dps-lstn 5404/udp  HPOMS-DPS-LSTN
#           Harold Froehling <hrf@cup.hp.com>
netsupport 5405/tcp  NetSupport
netsupport 5405/udp  NetSupport
#           Paul Sanders <pe77@dial.pipex.com>
systemics-sox 5406/tcp  Systemics Sox
systemics-sox 5406/udp  Systemics Sox
#           Gary Howland <gary@systemics.com>
foresyte-clear 5407/tcp  Foresyte-Clear
foresyte-clear 5407/udp  Foresyte-Clear
foresyte-sec   5408/tcp  Foresyte-Sec
foresyte-sec   5408/udp  Foresyte-Sec
#           Jorge Aldana <operator@foresyte.com>
salient-dtasrv 5409/tcp  Salient Data Server
salient-dtasrv 5409/udp  Salient Data Server
salient-usrmgr 5410/tcp  Salient User Manager
salient-usrmgr 5410/udp  Salient User Manager
#           Richard Farnham <rfarnham@salient.com>
actnet         5411/tcp  ActNet
actnet         5411/udp  ActNet
#           Simon Robillard <RobillardS@actresearch.com>
continuus     5412/tcp  Continuus
continuus     5412/udp  Continuus
#           Steven Holtsberg <steveh@continuus.com>
wwiotalk     5413/tcp  WWIOTALK
wwiotalk     5413/udp  WWIOTALK
#           Roger Knobbe <RogerK@Wonderware.COM>
statusd      5414/tcp  StatusD
statusd      5414/udp  StatusD
#           Stephen Misel <steve@satelnet.org>
ns-server    5415/tcp  NS Server
ns-server    5415/udp  NS Server
#           Jeffrey Chiao <chiaoj@netsoft.com>
sns-gateway  5416/tcp  SNS Gateway
sns-gateway  5416/udp  SNS Gateway
sns-agent    5417/tcp  SNS Agent
sns-agent    5417/udp  SNS Agent
#           Mary Holstage <holstege@firstfloor.com>
mcntp        5418/tcp  MCNTP
mcntp        5418/udp  MCNTP
#           Heiko Rupp <hwr@pilhuhn.de>
dj-ice       5419/tcp  DJ-ICE
dj-ice       5419/udp  DJ-ICE
#           Don Tyson <don.tyson@cor.dowjones.com>
cylink-c     5420/tcp  Cylink-C
cylink-c     5420/udp  Cylink-C
#           John Jobe <jjobe@cylink.com>
netsupport2 5421/tcp  Net Support 2
netsupport2 5421/udp  Net Support 2
#           Paul Sanders <p.sanders@dial.pipex.com>
salient-mux  5422/tcp  Salient MUX
salient-mux  5422/udp  Salient MUX
#           Richard Farnham <rfarnham@salient.com>

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| | | |
|----------------------|-----------|---|
| virtualuser | 5423/tcp | VIRTUALUSER |
| virtualuser | 5423/udp | VIRTUALUSER |
| # | | Chad Williams <chad@apple.com> |
| beyond-remote | 5424/tcp | Beyond Remote |
| beyond-remote | 5424/udp | Beyond Remote |
| # | | Michael Berg <mike@dataapples.com> November 2004 |
| br-channel | 5425/tcp | Beyond Remote Command Channel |
| br-channel | 5425/udp | Beyond Remote Command Channel |
| # | | Michael Berg <mike@dataapples.com> August 2005 |
| devbasic | 5426/tcp | DEVBASIC |
| devbasic | 5426/udp | DEVBASIC |
| # | | Curtis Smith <curtis.smith@vsin.com> |
| sco-peer-tta | 5427/tcp | SCO-PEER-TTA |
| sco-peer-tta | 5427/udp | SCO-PEER-TTA |
| # | | Andrew Shire <sndrewsh@sco.com> |
| telaconsole | 5428/tcp | TELAConsole |
| telaconsole | 5428/udp | TELAConsole |
| # | | Joseph M. Newcomer <newcomer@flounder.com> |
| base | 5429/tcp | Billing and Accounting System Exchange |
| base | 5429/udp | Billing and Accounting System Exchange |
| # | | Odo Maletzki <Odo.Maletzki@ioag.de> |
| radec-corp | 5430/tcp | RADEC CORP |
| radec-corp | 5430/udp | RADEC CORP |
| # | | David Chell <david@softlife.co.nz> |
| park-agent | 5431/tcp | PARK AGENT |
| park-agent | 5431/udp | PARK AGENT |
| # | | John Clifford <John.Clifford@veritas.com> |
| postgresql | 5432/tcp | PostgreSQL Database |
| postgresql | 5432/udp | PostgreSQL Database |
| # | | Tom Lane <tgl@sss.pgh.pa.us> |
| pyrrho | 5433/tcp | Pyrrho DBMS |
| pyrrho | 5433/udp | Pyrrho DBMS |
| # | | Malcolm Crowe <malcolm.crowe@paisley.ac.uk> November 2005 |
| sgi-arrayd | 5434/tcp | SGI Array Services Daemon |
| sgi-arrayd | 5434/udp | SGI Array Services Daemon |
| # | | Karl Feind <kaf@sgi.com> October 2005 |
| dttl | 5435/tcp | Data Tunneling Transceiver Linking (DTTL) |
| dttl | 5435/udp | Data Tunneling Transceiver Linking (DTTL) |
| # | | Richard Olsen <Olsen7@liquefaction.com> |
| # | 5436-5452 | Unassigned |
| surebox | 5453/tcp | SureBox |
| surebox | 5453/udp | SureBox |
| # | | Emin BORU <emin@danismanlik.net> November 2004 |
| apc-5454 | 5454/tcp | APC 5454 |
| apc-5454 | 5454/udp | APC 5454 |
| apc-5455 | 5455/tcp | APC 5455 |
| apc-5455 | 5455/udp | APC 5455 |
| apc-5456 | 5456/tcp | APC 5456 |
| apc-5456 | 5456/udp | APC 5456 |
| # | | American Power Conversion <ports@apcc.com> |
| # | 5457-5460 | Unassigned |
| silkmeter | 5461/tcp | SILKMETER |
| silkmeter | 5461/udp | SILKMETER |
| # | | Klaus Fellner <webmaster@segue.com> |
| <kfellner@segue.com> | | |
| ttl-publisher | 5462/tcp | TTL Publisher |


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ttl-publisher 5462/udp TTL Publisher
# Peter Jacobs <pjacobs@tullib.com>
ttlpriceproxy 5463/tcp TTL Price Proxy
ttlpriceproxy 5463/udp TTL Price Proxy
# Peter Jacobs <pjacobs@tullib.com>
quailnet 5464/tcp Quail Networks Object Broker
quailnet 5464/udp Quail Networks Object Broker
# Craig N. Bissell <craig@quailnetworks.com> April 2006
netops-broker 5465/tcp NETOPS-BROKER
netops-broker 5465/udp NETOPS-BROKER
# John R. Deuel <kink@netops.com>
# 5466-5499 Unassigned
fcp-addr-srvr1 5500/tcp fcp-addr-srvr1
fcp-addr-srvr1 5500/udp fcp-addr-srvr1
fcp-addr-srvr2 5501/tcp fcp-addr-srvr2
fcp-addr-srvr2 5501/udp fcp-addr-srvr2
fcp-srvr-inst1 5502/tcp fcp-srvr-inst1
fcp-srvr-inst1 5502/udp fcp-srvr-inst1
fcp-srvr-inst2 5503/tcp fcp-srvr-inst2
fcp-srvr-inst2 5503/udp fcp-srvr-inst2
fcp-cics-gw1 5504/tcp fcp-cics-gw1
fcp-cics-gw1 5504/udp fcp-cics-gw1
# Ken Wittmer <kenneth.m.wittmer@accenture.com>
# 5505-5552 Unassigned
sgi-eventmond 5553/tcp SGI Eventmond Port
sgi-eventmond 5553/udp SGI Eventmond Port
# Andrei Vilkotski <andreiv@sgi.com> June 2003
sgi-esphhttp 5554/tcp SGI ESP HTTP
sgi-esphhttp 5554/udp SGI ESP HTTP
# Vladimir Legalov <legalov@sgi.com>
#####Port 5555 also used by HP Omniback#####
personal-agent 5555/tcp Personal Agent
personal-agent 5555/udp Personal Agent
# Jackie Wu <jackiew@infoseek.com>
#####
freeciv 5556/tcp Freeciv gameplay
freeciv 5556/udp Freeciv gameplay
# Reinier Post, Paul Zastoupil <freeciv@freeciv.org> January
2006
# 5557-5565 Unassigned
udpplus 5566/tcp UDPPlus
udpplus 5566/udp UDPPlus
# Cody Gibson <cody.gibson@intermec.com>
m-oap 5567/tcp Multicast Object Access Protocol
m-oap 5567/udp Multicast Object Access Protocol
# Bryant Eastham <protocols@slc.mew.com> November 2004
sdt 5568/tcp Session Data Transport Multicast
sdt 5568/udp Session Data Transport Multicast
# Daniel W. Antonuk <dantonuk@etconnect.com> May 2006
# 5569-5579 Unassigned
tmosms0 5580/tcp T-Mobile SMS Protocol Message 0
tmosms0 5580/udp T-Mobile SMS Protocol Message 0
tmosms1 5581/tcp T-Mobile SMS Protocol Message 1
tmosms1 5581/udp T-Mobile SMS Protocol Message 1
# Ezinne Oji <ezinne.oji@t-mobile.com> June 2006
# 5582-5583 Unassigned
bis-web 5584/tcp BeInSync-Web

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bis-web          5584/udp    BeInSync-Web
bis-sync         5585/tcp    BeInSync-sync
bis-sync         5585/udp    BeInSync-sync
#               Adi Ruppin <adi.ruppin@data-pod.com> August 2005
#               5586-5596 Unassigned
ininmessaging   5597/tcp    inin secure messaging
ininmessaging   5597/udp    inin secure messaging
#               Mike Gagle <mikeg@inin.com> May 2006
mctfeed         5598/tcp    MCT Market Data Feed
mctfeed         5598/udp    MCT Market Data Feed
#               Stephane Touizer <touizer@microcaptrade.com> May 2006
esinstall       5599/tcp    Enterprise Security Remote Install
esinstall       5599/udp    Enterprise Security Remote Install
esmanager       5600/tcp    Enterprise Security Manager
esmanager       5600/udp    Enterprise Security Manager
esmagent        5601/tcp    Enterprise Security Agent
esmagent        5601/udp    Enterprise Security Agent
#               Kimberly Gibbs <kingib@CCGATE-UT.AXENT.COM>
a1-msc          5602/tcp    A1-MSc
a1-msc          5602/udp    A1-MSc
a1-bs           5603/tcp    A1-BS
a1-bs           5603/udp    A1-BS
a3-sdunode      5604/tcp    A3-SDUNode
a3-sdunode      5604/udp    A3-SDUNode
a4-sdunode      5605/tcp    A4-SDUNode
a4-sdunode      5605/udp    A4-SDUNode
#               Mike Dolan <MDolan@ihcmail.ih.lucent.com>
#               5606-5626 Unassigned
ninaf           5627/tcp    Node Initiated Network Association Forma
ninaf           5627/udp    Node Initiated Network Association Forma
#               Thomas Scholl <tscholl@spf.is-is.ca> March 2006
#               5628 Unassigned
symantec-sfdb   5629/tcp    Symantec Storage Foundation for Database
symantec-sfdb   5629/udp    Symantec Storage Foundation for Database
#               Quang Thoi <quang_thoi@symantec.com> November 2006
precise-comm    5630/tcp    PreciseCommunication
precise-comm    5630/udp    PreciseCommunication
#               Alon Tamir <alon_tamir@symantec.com> April 2006
pcanywheredata 5631/tcp    pcANYWHEREdata
pcanywheredata 5631/udp    pcANYWHEREdata
pcanywherestat 5632/tcp    pcANYWHEREstat
pcanywherestat 5632/udp    pcANYWHEREstat
#               Jon Rosarky <JRosarky@symantec.com>
beorl           5633/tcp    BE Operations Request Listener
beorl           5633/udp    BE Operations Request Listener
#               chirag desai <Chirag_Desai@symantec.com> February 2006
#               5634-5671 Unassigned
amqp            5672/tcp    AMQP
amqp            5672/udp    AMQP
#               Pieter Hintjens <ph@imatix.com> January 2006
jms             5673/tcp    JAcl Message Server
jms             5673/udp    JAcl Message Server
#               Stuart Allen <stuart@jacl.animats.net> February 2002
hyperscsi-port 5674/tcp    HyperSCSI Port
hyperscsi-port 5674/udp    HyperSCSI Port
#               Data Storage Institute, Singapore
#               <Patrick@dsi.nus.edu.sg> February 2002

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| | | |
|-----------------|-----------|--|
| v5ua | 5675/tcp | V5UA application port |
| v5ua | 5675/udp | V5UA application port |
| v5ua | 5675/sctp | V5UA application port |
| # | | RFC3807 June 2004 |
| raadmin | 5676/tcp | RA Administration |
| raadmin | 5676/udp | RA Administration |
| # | | Sergei Zjaikin <serge@previo.ee> February 2002 |
| questdb2-lnchr | 5677/tcp | Quest Central DB2 Launchr |
| questdb2-lnchr | 5677/udp | Quest Central DB2 Launchr |
| # | | Robert M. Mackowiak <rmackowiak@quest.com> February 2002 |
| 2002 | | |
| rrac | 5678/tcp | Remote Replication Agent Connection |
| rrac | 5678/udp | Remote Replication Agent Connection |
| dccm | 5679/tcp | Direct Cable Connect Manager |
| dccm | 5679/udp | Direct Cable Connect Manager |
| # | | Mark Miller <mmiller@MICROSOFT.com> |
| auriga-router | 5680/tcp | Auriga Router Service |
| auriga-router | 5680/udp | Auriga Router Service |
| # | | Vincent Gaudeul <technique@auriga.fr> February 2006 |
| ncxcp | 5681/tcp | Net-coneX Control Protocol |
| ncxcp | 5681/udp | Net-coneX Control Protocol |
| # | | Ryan Werber <ryan@ncxti.com> June 2006 |
| # | 5682-5687 | Unassigned |
| ggz | 5688/tcp | GGZ Gaming Zone |
| ggz | 5688/udp | GGZ Gaming Zone |
| # | | Josef Spillner <admin@ggzgamingzone.org> January 2003 |
| 2003 | | |
| qmvideo | 5689/tcp | QM video network management protocol |
| qmvideo | 5689/udp | QM video network management protocol |
| # | | Jamie Lokier <jamie@jlokier.co.uk> May 2006 |
| # | 5690-5712 | Unassigned |
| proshareaudio | 5713/tcp | proshare conf audio |
| proshareaudio | 5713/udp | proshare conf audio |
| prosharevideo | 5714/tcp | proshare conf video |
| prosharevideo | 5714/udp | proshare conf video |
| prosharedata | 5715/tcp | proshare conf data |
| prosharedata | 5715/udp | proshare conf data |
| prosharerequest | 5716/tcp | proshare conf request |
| prosharerequest | 5716/udp | proshare conf request |
| prosharenotify | 5717/tcp | proshare conf notify |
| prosharenotify | 5717/udp | proshare conf notify |
| # | | <gunner@ibeam.intel.com> |
| dpm | 5718/tcp | DPM Communication Server |
| dpm | 5718/udp | DPM Communication Server |
| dpm-agent | 5719/tcp | DPM Agent Coordinator |
| dpm-agent | 5719/udp | DPM Agent Coordinator |
| # | | Sundar Srinivasan <sundars@microsoft.com> Vinay Badami <VinayB@microsoft.com> May 2006 |
| ms-licensing | 5720/tcp | MS-Licensing |
| ms-licensing | 5720/udp | MS-Licensing |
| # | | Thomas Lindeman <tlinde@microsoft.com> November 2002 |
| dtpt | 5721/tcp | Desktop Passthru Service |
| dtpt | 5721/udp | Desktop Passthru Service |
| # | | Dan Leising <dleising@microsoft.com> January 2005 |
| msdfs | 5722/tcp | Microsoft DFS Replication Service |
| msdfs | 5722/udp | Microsoft DFS Replication Service |
| # | | Guhan Suriyanarayanan <guhans@microsoft.com> March 2006 |

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omhs      5723/tcp    Operations Manager - Health Service
omhs      5723/udp    Operations Manager - Health Service
omsdk     5724/tcp    Operations Manager - SDK Service
omsdk     5724/udp    Operations Manager - SDK Service
#         Gerardo Dilillo <MOMIANA@microsoft.com> August 2006
#         5725-5728 Unassigned
openmail  5729/tcp    Openmail User Agent Layer
openmail  5729/udp    Openmail User Agent Layer
#         OpenMail Encyclopedia <opencyc@hpopd.pwd.hp.com>
#         Don Loughry <DON_LOUGHRY@hp-cupertino-om4.om.hp.com>
unieng    5730/tcp    Steltor's calendar access
unieng    5730/udp    Steltor's calendar access
#         Bernard Desruisseaux <bernard@steltor.com>
#         5731-5740 Unassigned
ida-discover1 5741/tcp    IDA Discover Port 1
ida-discover1 5741/udp    IDA Discover Port 1
ida-discover2 5742/tcp    IDA Discover Port 2
ida-discover2 5742/udp    IDA Discover Port 2
#         MPITech Support <morten.christensen@I-DATA.COM>
watchdoc-pod 5743/tcp    Watchdoc NetPOD Protocol
watchdoc-pod 5743/udp    Watchdoc NetPOD Protocol
#         Christophe Chevalier <chevalier@archimed.fr> August
2005
watchdoc    5744/tcp    Watchdoc Server
watchdoc    5744/udp    Watchdoc Server
#         Christophe Chevalier <chevalier@archimed.fr>
November 2004
fcopy-server 5745/tcp    fcopy-server
fcopy-server 5745/udp    fcopy-server
fcopys-server 5746/tcp    fcopys-server
fcopys-server 5746/udp    fcopys-server
#         Moshe Leibovitch <moshe@softlinkusa.com>
tunatic     5747/tcp    Wildbits Tunatic
tunatic     5747/udp    Wildbits Tunatic
tunalyzer   5748/tcp    Wildbits Tunalyzer
tunalyzer   5748/udp    Wildbits Tunalyzer
#         Sylvain Demongeot <sylvain.demongeot@wildbits.com>
August 2005
#         5749-5754 Unassigned
openmailg   5755/tcp    OpenMail Desk Gateway server
openmailg   5755/udp    OpenMail Desk Gateway server
x500ms      5757/tcp    OpenMail X.500 Directory Server
x500ms      5757/udp    OpenMail X.500 Directory Server
openmailns  5766/tcp    OpenMail NewMail Server
openmailns  5766/udp    OpenMail NewMail Server
s-openmail  5767/tcp    OpenMail Suer Agent Layer (Secure)
s-openmail  5767/udp    OpenMail Suer Agent Layer (Secure)
openmailpxy 5768/tcp    OpenMail CMTS Server
openmailpxy 5768/udp    OpenMail CMTS Server
#         OpenMail Encyclopedia <opencyc@hpopd.pwd.hp.com>
#         Don Loughry <DON_LOUGHRY@hp-cupertino-om4.om.hp.com>
spramsca    5769/tcp    x509solutions Internal CA
spramsca    5769/udp    x509solutions Internal CA
spramsd     5770/tcp    x509solutions Secure Data
spramsd     5770/udp    x509solutions Secure Data
#         Brendan Fay <brendan.fay@x509solutions.com> February 2006
netagent    5771/tcp    NetAgent

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netagent          5771/udp    NetAgent
#                Bradley Birnbaum <bradley.birnbaum@eshare.com>
#                5772-5776    Unassigned
dali-port        5777/tcp    DALI Port
dali-port        5777/udp    DALI Port
#                Wayne Morrow / Michael Melio
<wmorrow@starfieldcorp.com> / <meliomd@comcast.net> October 2003
#                5778-5792    Unassigned
xtreamx         5793/tcp    XtreamX Supervised Peer message
xtreamx         5793/udp    XtreamX Supervised Peer message
#                Ahmad Tajuddin Samsudin <tajuddin@tmrnd.com.my> February
2007
#                5794-5812    Unassigned
icmpd           5813/tcp    ICMPD
icmpd           5813/udp    ICMPD
#                Shane O'Donnell <shane@opennms.org>
spt-automation  5814/tcp    Support Automation
spt-automation  5814/udp    Support Automation
#                Joshua Hawkins <joshua.hawkins@hp.com> November 2003
#                5815-5858    Unassigned
wherehoo        5859/tcp    WHEREHOO
wherehoo        5859/udp    WHEREHOO
#                Jim Youll <jim@media.mit.edu>
#                5860-5862    Unassigned
ppsuitmsg       5863/tcp    PlanetPress Suite Messeng
ppsuitmsg       5863/udp    PlanetPress Suite Messeng
#                Yannick Fortin <fortiny@ca.objectiflune.com> February 2006
#                5864-5899    Unassigned
vnc-server      5900/tcp    VNC Server
vnc-server      5900/udp    VNC Server
#                Tristan Richardson <iana@realvnc.com> March 2006
#                5901-5962    Unassigned
indy            5963/tcp    Indy Application Server
indy            5963/udp    Indy Application Server
#                Bjorn Lantz <bjorn.lantz@encode.se> November 2004
#                5964-5967    Unassigned
mppolicy-v5     5968/tcp    mppolicy-v5
mppolicy-v5     5968/udp    mppolicy-v5
mppolicy-mgr    5969/tcp    mppolicy-mgr
mppolicy-mgr    5969/udp    mppolicy-mgr
#                Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#                5970-5984    Unassigned
wsman           5985/tcp    WBEM WS-Management HTTP
wsman           5985/udp    WBEM WS-Management HTTP
wsmans         5986/tcp    WBEM WS-Management HTTP over TLS/SSL
wsmans         5986/udp    WBEM WS-Management HTTP over TLS/SSL
#                Jim Davis <jim.davis@wbemsolutions.com> November 2006
wbem-rmi        5987/tcp    WBEM RMI
wbem-rmi        5987/udp    WBEM RMI
wbem-http       5988/tcp    WBEM CIM-XML (HTTP)
wbem-http       5988/udp    WBEM CIM-XML (HTTP)
#                Jim Davis <jim.davis@wbemsolutions.com>
wbem-https      5989/tcp    WBEM CIM-XML (HTTPS)
wbem-https      5989/udp    WBEM CIM-XML (HTTPS)
#                Jim Davis <jim.davis@wbemsolutions.com>
wbem-exp-https  5990/tcp    WBEM Export HTTPS
wbem-exp-https  5990/udp    WBEM Export HTTPS

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#                               Denise Eckstein <denise.eckstein@hp.com> November
2004
nuxsl                5991/tcp    NUXSL
nuxsl                5991/udp    NUXSL
#                               Kai Kretschmann <K.Kretschmann@security-gui.de>
March 2002
consul-insight      5992/tcp    Consul InSight Security
consul-insight      5992/udp    Consul InSight Security
#                               Arthur Hillenaar <arthur.hillenaar@consul.com>
January 2006
#                               5993-5998  Unassigned
cvsup                5999/tcp    CVSup
cvsup                5999/udp    CVSup
#                               Randall Atkinson <rja@inet.org>
x11                  6000-6063/tcp  X Window System
x11                  6000-6063/udp  X Window System
#                               Stephen Gildea <gildea@lcs.mit.edu>
ndl-ahp-svc         6064/tcp    NDL-AHP-SVC
ndl-ahp-svc         6064/udp    NDL-AHP-SVC
#                               John Richmond <john@ndl.co.uk>
winpharaoh          6065/tcp    WinPharaoh
winpharaoh          6065/udp    WinPharaoh
#                               Basil Lee <basil.lee@gnnettest.com>
ewctsp              6066/tcp    EWCTSP
ewctsp              6066/udp    EWCTSP
#                               Mark Bailon <mark.bailon@ericsson.com>
srb                  6067/tcp    SRB
srb                  6067/udp    SRB
#                               Heinz Naef <heinz.naef@nexos.com>
gsmp                6068/tcp    GSMP
gsmp                6068/udp    GSMP
#                               Avri Doria <avri.doria@nokia.com>
trip                6069/tcp    TRIP
trip                6069/udp    TRIP
#                               Hussein F. Salama <hsalama@cisco.com>
messageasap         6070/tcp    Messageasap
messageasap         6070/udp    Messageasap
#                               Murray Freeman <murray@officedomain.com>
ssdtp               6071/tcp    SSDTP
ssdtp               6071/udp    SSDTP
#                               Michael Shearson <mikes@softsys-inc.com>
diagnose-proc       6072/tcp    DIAGNOSE-PROC
diagnose-proc       6072/udp    DIAGNOSE-PROC
#                               Allan Miller <amiller@handsfreenetworks.com>
directplay8         6073/tcp    DirectPlay8
directplay8         6073/udp    DirectPlay8
#                               John Kane <johnkan@microsoft.com>
max                  6074/tcp    Microsoft Max
max                  6074/udp    Microsoft Max
#                               Jay Beavers <Jay.Beavers@Microsoft.Com> February 2006
#                               6075-6084  Unassigned
konspire2b          6085/tcp    konspire2b p2p network
konspire2b          6085/udp    konspire2b p2p network
#                               Jason Rohrer <rohrer@cse.ucsc.edu> October 2002
pdtp                6086/tcp    PDTP P2P
pdtp                6086/udp    PDTP P2P
#                               Tony Arcieri <bascule@gmail.com> March 2006

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ldss          6087/tcp    Local Download Sharing Service
ldss          6087/udp    Local Download Sharing Service
#
#              Clifford Heath <cjh@managesoft.com> May 2006
#              6088-6099  Unassigned
synchronet-db 6100/tcp    SynchroNet-db
synchronet-db 6100/udp    SynchroNet-db
synchronet-rtc 6101/tcp    SynchroNet-rtc
synchronet-rtc 6101/udp    SynchroNet-rtc
synchronet-upd 6102/tcp    SynchroNet-upd
synchronet-upd 6102/udp    SynchroNet-upd
#
#              Arne Haugland <Arne.Haugland@parasoldev.com>
rets          6103/tcp    RETS
rets          6103/udp    RETS
#
#              Bruce Toback <btoback@optc.com>
dbdb          6104/tcp    DBDB
dbdb          6104/udp    DBDB
#
#              Aaron Brick <aa@lithic.org>
primaserver   6105/tcp    Prima Server
primaserver   6105/udp    Prima Server
mpsserver     6106/tcp    MPS Server
mpsserver     6106/udp    MPS Server
#
#              Prima Designs Systems Ltd. <info@prima.com.hk>
etc-control   6107/tcp    ETC Control
etc-control   6107/udp    ETC Control
#
#              Steve Polishinski <spolishinski@etccconnect.com>
sercomm-scadmin 6108/tcp    Sercomm-SCAdmin
sercomm-scadmin 6108/udp    Sercomm-SCAdmin
#
#              Melinda Tsao <melinda_tsao@mail.sercomm.com.tw>
globecast-id  6109/tcp    GLOBECAST-ID
globecast-id  6109/udp    GLOBECAST-ID
#
#              Piers Scannell <piers@globecastne.com>
softcm        6110/tcp    HP SoftBench CM
softcm        6110/udp    HP SoftBench CM
spc           6111/tcp    HP SoftBench Sub-Process Control
spc           6111/udp    HP SoftBench Sub-Process Control
#
#              Scott A. Kramer <sk@tleilaxu.sde.hp.com>
dtspcd        6112/tcp    dtspcd
dtspcd        6112/udp    dtspcd
#
#              Doug Royer <Doug@Royer.com>
#              6113-6121  Unassigned
bex-webadmin  6122/tcp    Backup Express Web Server
bex-webadmin  6122/udp    Backup Express Web Server
#
#              Chi Shih Chang <cchang@syncsort.com> November 2005
backup-express 6123/tcp    Backup Express
backup-express 6123/udp    Backup Express
#
#              Chi Shih Chang <cchang@syncsort.com>
#              6124-6132  Unassigned
nbt-wol       6133/tcp    New Boundary Tech WOL
nbt-wol       6133/udp    New Boundary Tech WOL
#
#              Elizabeth Zilen <ezilen@newboundary.com> November
2004
#              6134-6140  Unassigned
meta-corp     6141/tcp    Meta Corporation License Manager
meta-corp     6141/udp    Meta Corporation License Manager
#
#              Osamu Masuda <---none--->
aspentec-lm   6142/tcp    Aspen Technology License Manager
aspentec-lm   6142/udp    Aspen Technology License Manager

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# Kevin Massey <massey@aspentec.com>
watershed-lm 6143/tcp Watershed License Manager
watershed-lm 6143/udp Watershed License Manager
# David Ferrero <david@zion.com>
statsci1-lm 6144/tcp StatSci License Manager - 1
statsci1-lm 6144/udp StatSci License Manager - 1
statsci2-lm 6145/tcp StatSci License Manager - 2
statsci2-lm 6145/udp StatSci License Manager - 2
# Scott Blachowicz <scott@statsci.com>
lonewolf-lm 6146/tcp Lone Wolf Systems License Manager
lonewolf-lm 6146/udp Lone Wolf Systems License Manager
# Dan Klein <dvk@lonewolf.com>
montage-lm 6147/tcp Montage License Manager
montage-lm 6147/udp Montage License Manager
# Michael Ubell <michael@montage.com>
ricardo-lm 6148/tcp Ricardo North America License Manager
ricardo-lm 6148/udp Ricardo North America License Manager
# M Flemming <mflemming@aol.com>
tal-pod 6149/tcp tal-pod
tal-pod 6149/udp tal-pod
# Steven Loomis <srl@taligent.com>
# 6150-6160 Unassigned
patrol-ism 6161/tcp PATROL Internet Srv Mgr
patrol-ism 6161/udp PATROL Internet Srv Mgr
patrol-coll 6162/tcp PATROL Collector
patrol-coll 6162/udp PATROL Collector
# Portnoy Boxman <portnoy_boxman@bmc.com> January 2005
pscribe 6163/tcp Precision Scribe Cnx Port
pscribe 6163/udp Precision Scribe Cnx Port
# Robert W Hodges <iana@precddata.com> January 2005
# 6164-6199 Unassigned
lm-x 6200/tcp LM-X License Manager by X-Formation
lm-x 6200/udp LM-X License Manager by X-Formation
# Henrik Goldman <hg@x-formation.com> October 2006
# 6201-6221 Unassigned
radmind 6222/tcp Radmind Access Protocol
radmind 6222/udp Radmind Access Protocol
# Patrick M McNeal <mcneal@umich.edu> March 2006
# 6223-6252 Unassigned
crip 6253/tcp CRIP
crip 6253/udp CRIP
# Mike Rodbell <mrodbell@ciena.com>
# 6254-6267 Unassigned
grid 6268/tcp Grid Authentication
grid 6268/udp Grid Authentication
grid-alt 6269/tcp Grid Authentication Alt
grid-alt 6269/udp Grid Authentication Alt
# Jason Hamilton <JHamilton@griddatasecurity.com> June 2006
# 6270-6299 Unassigned
bmc-grx 6300/tcp BMC GRX
bmc-grx 6300/udp BMC GRX
# Portnoy Boxman <portnoy_boxman@bmc.com>
bmc_ctd_ldap 6301/tcp BMC CONTROL-D LDAP SERVER
bmc_ctd_ldap 6301/udp BMC CONTROL-D LDAP SERVER
# Portnoy Boxman <Portnoy_Boxman@bmc.com> September 2006
# 6302-6319 Unassigned
repsvc 6320/tcp Double-Take Replication Service

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repsvc          6320/udp    Double-Take Replication Service
#              James Wilkinson <jwilkinson@doubletake.com> April 2006
emp-server1    6321/tcp    Empress Software Connectivity Server 1
emp-server1    6321/udp    Empress Software Connectivity Server 1
emp-server2    6322/tcp    Empress Software Connectivity Server 2
emp-server2    6322/udp    Empress Software Connectivity Server 2
#
#              Srdjan Holovac <srdjan@empress.com>
#              6323-6342 Unassigned
sflow          6343/tcp    sFlow traffic monitoring
sflow          6343/udp    sFlow traffic monitoring
#
#              Peter Phaal <peter.phaal@inmon.com> June 2003
#              6344-6345 Unassigned
gnutella-svc   6346/tcp    gnutella-svc
gnutella-svc   6346/udp    gnutella-svc
gnutella-rtr   6347/tcp    gnutella-rtr
gnutella-rtr   6347/udp    gnutella-rtr
#
#              Serguei Osokine <osokin@paragraph.com>
#              6348-6381 Unassigned
metatude-mds   6382/tcp    Metatude Dialogue Server
metatude-mds   6382/udp    Metatude Dialogue Server
#
#              Menno Zweistra <m.zweistra@metatude.com>
#              6383-6388 Unassigned
clariion-evr01 6389/tcp    clariion-evr01
clariion-evr01 6389/udp    clariion-evr01
#
#              Dave DesRoches <ddesroches@clariion.com>
#              6390-6399 Unassigned
# The following blocks are in use by Seagate Software 6400-6410 #
info-aps       6400
info-was       6401
info-eventsvr  6402
info-cachesvr  6403
info-filesvr   6404
info-pagesvr   6405
info-processvr 6406
reserved1     6407
reserved2     6408
reserved3     6409
reserved4     6410
# The previous ports are in use by Seagate Software 6400-6410 #
# Contact for these ports is Wade Richards <Wade.Richards@Seagatesoftware.com>
#              6411-6416 Unassigned
faxcomservice  6417/tcp    Faxcom Message Service
faxcomservice  6417/udp    Faxcom Message Service
#
#              Albert Leung <aleung@biscom.com> April 2006
#              6418-6419 Unassigned
nim-vdrshell   6420/tcp    NIM_VDRShell
nim-vdrshell   6420/udp    NIM_VDRShell
nim-wan        6421/tcp    NIM_WAN
nim-wan        6421/udp    NIM_WAN
#
#              Rik Ditter <managers@generationtechnologies.com> February
2006
#              6422-6442 Unassigned
sun-sr-https   6443/tcp    Service Registry Default HTTPS Domain
sun-sr-https   6443/udp    Service Registry Default HTTPS Domain
#
#              Paul Sterk <paul.sterk@sun.com> March 2006
sge_qmaster    6444/tcp    Grid Engine Qmaster Service
sge_qmaster    6444/udp    Grid Engine Qmaster Service

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sge_execd 6445/tcp Grid Engine Execution Service
sge_execd 6445/udp Grid Engine Execution Service
# Andreas Haas <andreas.haas@sun.com> August 2006
# 6446-6454 Unassigned
skip-cert-recv 6455/tcp SKIP Certificate Receive
skip-cert-send 6456/udp SKIP Certificate Send
# Tom Markson <markson@osmosys.incog.com>
# 6457-6470 Unassigned
lvision-lm 6471/tcp LVision License Manager
lvision-lm 6471/udp LVision License Manager
# Brian McKinnon <bmck@lvision.com>
# 6472-6479 Unassigned
sun-sr-http 6480/tcp Service Registry Default HTTP Domain
sun-sr-http 6480/udp Service Registry Default HTTP Domain
# Paul Sterk <paul.sterk@sun.com> March 2006
servicetags 6481/tcp Service Tags
servicetags 6481/udp Service Tags
# Peter Schow <Peter.Schow@Sun.COM> January 2007
# 6482-6483 Unassigned
sun-sr-jms 6484/tcp Service Registry Default JMS Domain
sun-sr-jms 6484/udp Service Registry Default JMS Domain
sun-sr-iiop 6485/tcp Service Registry Default IIOP Domain
sun-sr-iiop 6485/udp Service Registry Default IIOP Domain
sun-sr-iiops 6486/tcp Service Registry Default IIOPS Domain
sun-sr-iiops 6486/udp Service Registry Default IIOPS Domain
sun-sr-iiop-aut 6487/tcp Service Registry Default IIOPAuth Domain
sun-sr-iiop-aut 6487/udp Service Registry Default IIOPAuth Domain
sun-sr-jmx 6488/tcp Service Registry Default JMX Domain
sun-sr-jmx 6488/udp Service Registry Default JMX Domain
sun-sr-admin 6489/tcp Service Registry Default Admin Domain
sun-sr-admin 6489/udp Service Registry Default Admin Domain
# Paul Sterk <paul.sterk@sun.com> March 2006
# 6490-6499 Unassigned
boks 6500/tcp BoKS Master
boks 6500/udp BoKS Master
boks_servc 6501/tcp BoKS Servc
boks_servc 6501/udp BoKS Servc
boks_servm 6502/tcp BoKS Servm
boks_servm 6502/udp BoKS Servm
boks_clntd 6503/tcp BoKS Clntd
boks_clntd 6503/udp BoKS Clntd
# Magnus Nystrom <magnus@dynas.se>
# 6504 Unassigned
badm_priv 6505/tcp BoKS Admin Private Port
badm_priv 6505/udp BoKS Admin Private Port
badm_pub 6506/tcp BoKS Admin Public Port
badm_pub 6506/udp BoKS Admin Public Port
bdir_priv 6507/tcp BoKS Dir Server, Private Port
bdir_priv 6507/udp BoKS Dir Server, Private Port
bdir_pub 6508/tcp BoKS Dir Server, Public Port
bdir_pub 6508/udp BoKS Dir Server, Public Port
# Magnus Nystrom <magnus@dynas.se>
mgcs-mfp-port 6509/tcp MGCS-MFP Port
mgcs-mfp-port 6509/udp MGCS-MFP Port
# Minoru Ozaki <Minoru.Ozaki@rdmg.mgcs.mei.co.jp>
mcer-port 6510/tcp MCER Port
mcer-port 6510/udp MCER Port

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#                               Portnoy Boxman <portnoy_boxman@bmc.com>
#                               6511-6542 Unassigned
lds-distrib 6543/tcp lds_distrib
lds-distrib 6543/udp lds_distrib
#                               Jack Baker <Jack.Baker@L-3Com.com> June 2003
lds-dump 6544/tcp LDS Dump Service
lds-dump 6544/udp LDS Dump Service
#                               Jack Baker <Jack.Baker@L-3Com.com> February 2006
#                               6545-6546 Unassigned
apc-6547 6547/tcp APC 6547
apc-6547 6547/udp APC 6547
apc-6548 6548/tcp APC 6548
apc-6548 6548/udp APC 6548
apc-6549 6549/tcp APC 6549
apc-6549 6549/udp APC 6549
#                               American Power Conversion <ports@apcc.com>
fg-sysupdate 6550/tcp fg-sysupdate
fg-sysupdate 6550/udp fg-sysupdate
#                               Mark Beyer <mbeyer@freigate.com>
#                               6551-6557 Unassigned
xdsx dm 6558/tcp
xdsx dm 6558/udp
#                               Brian Tackett <cym@acrux.net> possible contact
#                               6559-6565 Unassigned
sane-port 6566/tcp SANE Control Port
sane-port 6566/udp SANE Control Port
#                               Henning Meier-Geinitz <henning@meier-geinitz.de>
October 2002
esp 6567/tcp eSilo Storage Protocol
esp 6567/udp eSilo Storage Protocol
#                               Andrew Chernow <andrew@esilo.com> January 2007
#                               6568-6578 Unassigned
affiliate 6579/tcp Affiliate
affiliate 6579/udp Affiliate
#                               David Catmull <uncommon@uncommonplace.com> January 2006
parsec-master 6580/tcp Parsec Masterserver
parsec-master 6580/udp Parsec Masterserver
parsec-peer 6581/tcp Parsec Peer-to-Peer
parsec-peer 6581/udp Parsec Peer-to-Peer
parsec-game 6582/tcp Parsec Gameserver
parsec-game 6582/udp Parsec Gameserver
#                               Andreas Varga <sid@parsec.org>
joaJewelSuite 6583/tcp JOA Jewel Suite
joaJewelSuite 6583/udp JOA Jewel Suite
#                               Bob Rundle <rundle@rundle.com> November 2005
#                               6584-6587 Unassigned
#                               6588 Unassigned
####Unofficial use of port 6588 by AnalogX and Microsoft####
#                               6589-6618 Unassigned
odette-ftp 6619/tcp ODETTE-FTP over TLS/SSL
odette-ftp 6619/udp ODETTE-FTP over TLS/SSL
#                               Ieuan Friend <ieuan.friend@dip.co.uk> March 2006
kftp-data 6620/tcp Kerberos V5 FTP Data
kftp-data 6620/udp Kerberos V5 FTP Data
kftp 6621/tcp Kerberos V5 FTP Control
kftp 6621/udp Kerberos V5 FTP Control
#                               Robert J. Scott <rob@hpcmo.hpc.mil> August 2005

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mcftp          6622/tcp    Multicast FTP
mcftp          6622/udp    Multicast FTP
#              Bruce Lueckenhoff <bruce@scalabledesign.com> February 2006
ktelnet       6623/tcp    Kerberos V5 Telnet
ktelnet       6623/udp    Kerberos V5 Telnet
#              Robert J. Scott <rob@hpcmo.hpc.mil> August 2005
#              6624-6625 Unassigned
wago-service  6626/tcp    WAGO Service and Update
wago-service  6626/udp    WAGO Service and Update
#              Wolfgang Adler <electronicc_rd@wago.com> April 2006
nexgen        6627/tcp    Allied Electronics NeXGen
nexgen        6627/udp    Allied Electronics NeXGen
#              Lou Seitchik <lou@alliedelectronics.com> August 2005
afesc-mc      6628/tcp    AFE Stock Channel M/C
afesc-mc      6628/udp    AFE Stock Channel M/C
#              K.K Ho <kk.ho@afe-solutions.com> April 2004
#              6629-6630 Unassigned
#              6631 Unassigned (Returned 28 May 2004)
#              6632-6664 Unassigned
ircu          6665-6669/tcp IRCU
ircu          6665-6669/udp IRCU
#              Brian Tackett <cym@acrux.net>
vocaltec-gold 6670/tcp    Vocaltec Global Online Directory
vocaltec-gold 6670/udp    Vocaltec Global Online Directory
#              Scott Petrack <Scott_Petrack@vocaltec.com>
#              6671 Unassigned
vision_server 6672/tcp    vision_server
vision_server 6672/udp    vision_server
vision_elmd   6673/tcp    vision_elmd
vision_elmd   6673/udp    vision_elmd
#              Chris Kramer <CKramer@gis.shl.com>
#              6674-6700 Unassigned
kti-icad-srvr 6701/tcp    KTI/ICAD Nameserver
kti-icad-srvr 6701/udp    KTI/ICAD Nameserver
#              Stanley Knutson <Stanley.Knutson@KTIworld.com>
e-design-net  6702/tcp    e-Design network
e-design-net  6702/udp    e-Design network
e-design-web  6703/tcp    e-Design web
e-design-web  6703/udp    e-Design web
#              Janos Lerch <lerch@softic.hu> February 2006
#              6704-6713 Unassigned
ibprotocol    6714/tcp    Internet Backplane Protocol
ibprotocol    6714/udp    Internet Backplane Protocol
#              Alessandro Bassi <abassi@cs.utk.edu>
fibotrader-com 6715/tcp    Fibotrader Communications
fibotrader-com 6715/udp    Fibotrader Communications
#              Robert Wetzold <robert.wetzold@fibotrader.com> January 2006
#              6716-6766 Unassigned
bmc-perf-agent 6767/tcp    BMC PERFORM AGENT
bmc-perf-agent 6767/udp    BMC PERFORM AGENT
bmc-perf-mgrd 6768/tcp    BMC PERFORM MGRD
bmc-perf-mgrd 6768/udp    BMC PERFORM MGRD
#              Portnoy Boxman <portnoy_boxman@bmc.com>
adi-gxp-srvprt 6769/tcp    ADInstruments GxP Server
adi-gxp-srvprt 6769/udp    ADInstruments GxP Server
#              Mathew Pitchforth <mathew@adinstruments.co.nz>
August 2005

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plysrv-http      6770/tcp      PolyServe http
plysrv-http      6770/udp      PolyServe http
plysrv-https     6771/tcp      PolyServe https
plysrv-https     6771/udp      PolyServe https
#
#                Mike Spitzer <mjs@polyserve.com> August 2005
#                6772-6784 Unassigned
dgpf-exchg 6785/tcp      DGPF Individual Exchange
dgpf-exchg 6785/udp      DGPF Individual Exchange
#
#                Thomas Weise <weise@vs.uni-kassel.de> April 2006
smc-jmx          6786/tcp      Sun Java Web Console JMX
smc-jmx          6786/udp      Sun Java Web Console JMX
smc-admin        6787/tcp      Sun Web Console Admin
smc-admin        6787/udp      Sun Web Console Admin
#
#                Bill Edwards <bill.edwards@sun.com> August 2005
smc-http         6788/tcp      SMC-HTTP
smc-http         6788/udp      SMC-HTTP
#
#                Ratnadeep Bhattacharjee
<ratnadeep.bhattacharjee@sun.com> November 2002
smc-https        6789/tcp      SMC-HTTPS
smc-https        6789/udp      SMC-HTTPS
#
#                Ratnadeep Bhattacharjee
<ratnadeep.bhattacharjee@sun.com> August 2002
hnmp             6790/tcp      HNMP
hnmp             6790/udp      HNMP
#
#                Jude George <jude@nas.nasa.gov>
hnm              6791/tcp      Halcyon Network Manager
hnm              6791/udp      Halcyon Network Manager
#
#                Richard Harriss
<richard.harriss@halcyonsoftware.com> May 2005
#                6792-6830 Unassigned
ambit-lm         6831/tcp      ambit-lm
ambit-lm         6831/udp      ambit-lm
#
#                Don Hejna <djhejna@ambit.com>
#                6832-6840 Unassigned
netmo-default   6841/tcp      Netmo Default
netmo-default   6841/udp      Netmo Default
netmo-http      6842/tcp      Netmo HTTP
netmo-http      6842/udp      Netmo HTTP
#
#                Urs Bertschinger <urs@netmosphere.com>
#                6843-6849 Unassigned
iccrushmore     6850/tcp      ICCRUSHMORE
iccrushmore     6850/udp      ICCRUSHMORE
#
#                Dave Hubbard <dave@icc.net>
#                6851-6887 Unassigned
muse            6888/tcp      MUSE
muse            6888/udp      MUSE
#
#                Muse Communications Corporation
#                <howard@muse3d.com>
#                6889-6935 Unassigned
xsmsvc          6936/tcp      XenSource Management Service
xsmsvc          6936/udp      XenSource Management Service
#
#                Roger Klorese <roger@xensource.com> June 2006
#                6937-6945 Unassigned
bioserver       6946/tcp      Biometrics Server
bioserver       6946/udp      Biometrics Server
#
#                ISHII AKIO <ishii.akio@jp.fujitsu.com> January 2006
#                6947-6950 Unassigned

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otlp          6951/tcp      OTLP
otlp          6951/udp      OTLP
#
#                Brent Foster <brent.foster@onstreamsystems.com> April 2006
#                6952-6960    Unassigned
jmact3        6961/tcp      JMACT3
jmact3        6961/udp      JMACT3
jmevt2        6962/tcp      jmevt2
jmevt2        6962/udp      jmevt2
swismgr1      6963/tcp      swismgr1
swismgr1      6963/udp      swismgr1
swismgr2      6964/tcp      swismgr2
swismgr2      6964/udp      swismgr2
swistrap      6965/tcp      swistrap
swistrap      6965/udp      swistrap
swispol       6966/tcp      swispol
swispol       6966/udp      swispol
#
#                Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#                6967-6968    Unassigned
acmsoda       6969/tcp      acmsoda
acmsoda       6969/udp      acmsoda
#
#                Daniel Simms <dsimms@acm.uiuc.edu>
#                6970-6997    Unassigned
iatp-highpri  6998/tcp      IATP-highPri
iatp-highpri  6998/udp      IATP-highPri
iatp-normalpri 6999/tcp      IATP-normalPri
iatp-normalpri 6999/udp      IATP-normalPri
#
#                John Murphy <john.m.murphy@mci.com>
afs3-fileserver 7000/tcp      file server itself
afs3-fileserver 7000/udp      file server itself
afs3-callback   7001/tcp      callbacks to cache managers
afs3-callback   7001/udp      callbacks to cache managers
afs3-prserver   7002/tcp      users & groups database
afs3-prserver   7002/udp      users & groups database
afs3-vlserver   7003/tcp      volume location database
afs3-vlserver   7003/udp      volume location database
afs3-kaserver   7004/tcp      AFS/Kerberos authentication service
afs3-kaserver   7004/udp      AFS/Kerberos authentication service
afs3-volser     7005/tcp      volume managment server
afs3-volser     7005/udp      volume managment server
afs3-errors     7006/tcp      error interpretation service
afs3-errors     7006/udp      error interpretation service
afs3-bos        7007/tcp      basic overseer process
afs3-bos        7007/udp      basic overseer process
afs3-update     7008/tcp      server-to-server updater
afs3-update     7008/udp      server-to-server updater
afs3-rmtsys     7009/tcp      remote cache manager service
afs3-rmtsys     7009/udp      remote cache manager service
#
ups-onlinet    7010/tcp      onlinet uninterruptable power supplies
ups-onlinet    7010/udp      onlinet uninterruptable power supplies
#
#                Jim Thompson <jim.thompson@powerware.com>
talon-disc     7011/tcp      Talon Discovery Port
talon-disc     7011/udp      Talon Discovery Port
talon-engine   7012/tcp      Talon Engine
talon-engine   7012/udp      Talon Engine
microtalon-dis 7013/tcp      Microtalon Discovery
microtalon-dis 7013/udp      Microtalon Discovery

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microtalon-com 7014/tcp Microtalon Communications
microtalon-com 7014/udp Microtalon Communications
talon-webserver 7015/tcp Talon Webserver
talon-webserver 7015/udp Talon Webserver
#
#                               Jim Thompson <jim.thompson@powerware.com>
#                               7016-7019 Unassigned
dpserve        7020/tcp DP Serve
dpserve        7020/udp DP Serve
dpserveadmin   7021/tcp DP Serve Admin
dpserveadmin   7021/udp DP Serve Admin
#
#                               Allan Stanley <allan@hummingbird.com>
ctdp           7022/tcp CT Discovery Protocol
ctdp           7022/udp CT Discovery Protocol
#
#                               James Kirkwood
<james.kirkwood@controltechniques.com> June 2005
ct2nmcs        7023/tcp Comtech T2 NMCS
ct2nmcs        7023/udp Comtech T2 NMCS
#
#                               Bryan Wilcutt <bwilcutt@comtechefdata.com> June
2005
vmsvc          7024/tcp Vormetric service
vmsvc          7024/udp Vormetric service
#
#                               Tom Boyle <tboyle@vormetric.com> June 2005
vmsvc-2        7025/tcp Vormetric Service II
vmsvc-2        7025/udp Vormetric Service II
#
#                               Tom Boyle <tboyle@vormetric.com> June 2005
#                               7026-7029 Unassigned
op-probe       7030/tcp ObjectPlanet probe
op-probe       7030/udp ObjectPlanet probe
#
#                               Bjorn Jarle Kvande <bjorn@objectplanet.com> April
2002
#                               7031-7069 Unassigned
arcp           7070/tcp ARCP
arcp           7070/udp ARCP
#
#                               Jude George <jude@nas.nasa.gov>
#                               7071-7098 Unassigned
lazy-ptop      7099/tcp lazy-ptop
lazy-ptop      7099/udp lazy-ptop
#
#                               Guy Keren <Guy_Keren@mail.stil.scitex.com>
font-service   7100/tcp X Font Service
font-service   7100/udp X Font Service
#
#                               Stephen Gildea <gildea@lcs.mit.edu>
elcn           7101/tcp Embedded Light Control Network
elcn           7101/udp Embedded Light Control Network
#
#                               Michael Scarito <ms@mit.edu> February 2007
#                               7102-7120 Unassigned
virprot-lm     7121/tcp Virtual Prototypes License Manager
virprot-lm     7121/udp Virtual Prototypes License Manager
#
#                               Victor Galis <galis@satchmo.virtualprototypes.ca>
#                               7122-7127 Unassigned
scenidm        7128/tcp intelligent data manager
scenidm        7128/udp intelligent data manager
#
#                               Paul Ignatius <paul.ignatius@scentric.com> March 2006
scenccs        7129/tcp Catalog Content Search
scenccs        7129/udp Catalog Content Search
#
#                               Anil Sharma <anil.sharma@scentric.com> April 2006
#                               7130-7160 Unassigned
cabsm-comm     7161/tcp CA BSM Comm

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|---|-----------|---|
| cabsm-comm | 7161/udp | CA BSM Comm |
| # | | Chun-Ho Chang <chun-ho.chang@ca.com> November 2004 |
| caistoragemgr | 7162/tcp | CA Storage Manager |
| caistoragemgr | 7162/udp | CA Storage Manager |
| # | | Emre Tunar <emre.tunar@ca.com> November 2004 |
| cacsambroker | 7163/tcp | CA Connection Broker |
| cacsambroker | 7163/udp | CA Connection Broker |
| # | | David Roberts <David.Roberts@ca.com> May 2005 |
| # | 7164-7173 | Unassigned |
| clutild | 7174/tcp | Clutild |
| clutild | 7174/udp | Clutild |
| # | | Cheryl Stoutenburg <cstoutenburg@vnet.ibm.com> |
| # | 7175-7199 | Unassigned |
| fodms | 7200/tcp | FODMS FLIP |
| fodms | 7200/udp | FODMS FLIP |
| # | | David Anthony |
| <anthony@power.amasd.anatcp.rockwell.com> | | |
| dlip | 7201/tcp | DLIP |
| dlip | 7201/udp | DLIP |
| # | | Albert Manfredi |
| <manfredi@engr05.comsys.rockwell.com> | | |
| # | 7202-7226 | Unassigned |
| ramp | 7227/tcp | Registry A & M Protocol |
| ramp | 7227/udp | Registry A \$ M Protocol |
| # | | John Havard <jh@hxe.us> November 2003 |
| # | 7228-7271 | Unassigned |
| watchme-7272 | 7272/tcp | WatchMe Monitoring 7272 |
| watchme-7272 | 7272/udp | WatchMe Monitoring 7272 |
| # | | Oliver Heinz <heinz@arago.de> August 2005 |
| oma-rlp | 7273/tcp | OMA Roaming Location |
| oma-rlp | 7273/udp | OMA Roaming Location |
| oma-rlp-s | 7274/tcp | OMA Roaming Location SEC |
| oma-rlp-s | 7274/udp | OMA Roaming Location SEC |
| # | | Larry A. Young <Larry.A.Young@mail.Sprint.com> |
| August 2005 | | |
| oma-ulp | 7275/tcp | OMA UserPlane Location |
| oma-ulp | 7275/udp | OMA UserPlane Location |
| # | | Larry A. Young <Larry.A.Young@Sprint.com> February 2006 |
| # | 7276-7279 | Unassigned |
| itactionserver1 | 7280/tcp | ITACTIONSERVER 1 |
| itactionserver1 | 7280/udp | ITACTIONSERVER 1 |
| itactionserver2 | 7281/tcp | ITACTIONSERVER 2 |
| itactionserver2 | 7281/udp | ITACTIONSERVER 2 |
| # | | Brian Taylor <btaylor@imagetag.com> |
| # | 7282-7299 | Unassigned |
| swx | 7300-7359 | The Swiss Exchange |
| # | | Edgar Blum <edgar.blum@swx.ch> |
| # | 7360-7364 | Unassigned (Removed on 2006-2-06) |
| lcm-server | 7365/tcp | LifeKeeper Communications |
| lcm-server | 7365/udp | LifeKeeper Communications |
| # | | James Bottomley <James.Bottomley@SteelEye.com> February |
| 2006 | | |
| # | 7366-7390 | Unassigned (Removed on 2006-2-06) |
| mindfilesys | 7391/tcp | mind-file system server |
| mindfilesys | 7391/udp | mind-file system server |
| mrssrendezvous | 7392/tcp | mrss-rendezvous server |
| mrssrendezvous | 7392/udp | mrss-rendezvous server |


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#                               Dave Porter <porter@mango.com>
nfoldman      7393/tcp      nFoldMan Remote Publish
nfoldman      7393/udp      nFoldMan Remote Publish
#                               Richard McDonald <ve3nvm@spamcop.net> January 2006
fse           7394/tcp      File system export of backup images
fse           7394/udp      File system export of backup images
#                               Weibao Wu <weibao_wu@symantec.com> April 2006
wingedit      7395/tcp      wingedit
wingedit      7395/udp      wingedit
#                               David Greer <david_greer@robelle.com>
#                               7396
#                               Unassigned
hexarc        7397/tcp      Hexarc Command Language
hexarc        7397/udp      Hexarc Command Language
#                               George Moromisato <gpm@neurohack.com> November 2004
#                               7398-7399
#                               Unassigned
rtps-discovery 7400/tcp      RTPS Discovery
rtps-discovery 7400/udp      RTPS Discovery
rtps-dd-ut    7401/tcp      RTPS Data-Distribution User-Traffic
rtps-dd-ut    7401/udp      RTPS Data-Distribution User-Traffic
rtps-dd-mt    7402/tcp      RTPS Data-Distribution Meta-Traffic
rtps-dd-mt    7402/udp      RTPS Data-Distribution Meta-Traffic
#                               Gerardo Pardo-Castellote <gerardo.pardo@rti.com>
October 2005
#                               7403-7409
#                               Unassigned
ionixnetmon   7410/tcp      Ionix Network Monitor
ionixnetmon   7410/udp      Ionix Network Monitor
#                               Maxime Deputter <m.deputter@ionixhosting.com> April 2006
#                               7411-7420
#                               Unassigned
mtportmon     7421/tcp      Matisse Port Monitor
mtportmon     7421/udp      Matisse Port Monitor
#                               Didier Cabannes <Didier@matisse.com> November 2004
#                               7422-7425
#                               Unassigned
pmdmgr        7426/tcp      OpenView DM Postmaster Manager
pmdmgr        7426/udp      OpenView DM Postmaster Manager
oveadmgr      7427/tcp      OpenView DM Event Agent Manager
oveadmgr      7427/udp      OpenView DM Event Agent Manager
ovladmgr      7428/tcp      OpenView DM Log Agent Manager
ovladmgr      7428/udp      OpenView DM Log Agent Manager
opi-sock      7429/tcp      OpenView DM rqt communication
opi-sock      7429/udp      OpenView DM rqt communication
xmpv7         7430/tcp      OpenView DM xmpv7 api pipe
xmpv7         7430/udp      OpenView DM xmpv7 api pipe
pmd           7431/tcp      OpenView DM ovc/xmpv3 api pipe
pmd           7431/udp      OpenView DM ovc/xmpv3 api pipe
#                               Dave Lamb <rld@rdl.cnd.hp.com>
faximum       7437/tcp      Faximum
faximum       7437/udp      Faximum
#                               George Pajari <George.Pajari@faximum.com>
#                               7438-7442
#                               Unassigned
oracleas-https 7443/tcp      Oracle Application Server HTTPS
oracleas-https 7443/udp      Oracle Application Server HTTPS
#                               David McMarlin <david.mcmarlin@oracle.com> August 2006
#                               7444-7490
#                               Unassigned
telops-lmd    7491/tcp      telops-lmd
telops-lmd    7491/udp      telops-lmd
#                               David Spencer <dspencer@telops.com>
#                               7492-7499
#                               Unassigned

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silhouette      7500/tcp      Silhouette User
silhouette      7500/udp      Silhouette User
#               Anthony Payne <opayne@pacbell.net> February 2004
ovbus           7501/tcp      HP OpenView Bus Daemon
ovbus           7501/udp      HP OpenView Bus Daemon
#               David M. Rhodes <davidrho@cnd.hp.com>
#               7502-7509      Unassigned
ovhpas          7510/tcp      HP OpenView Application Server
ovhpas          7510/udp      HP OpenView Application Server
#               Jeff Conrad <jeff_conrad@hp.com>
pafec-lm        7511/tcp      pafec-lm
pafec-lm        7511/udp      pafec-lm
#               Billy Dhillon <bdsos@pafec.co.uk>
#               7512-7542      Unassigned
atul            7543/tcp      atul server
atul            7543/udp      atul server
#               Mark Stapp <mjs@cisco.com> January 2006
nta-ds          7544/tcp      FlowAnalyzer DisplayServer
nta-ds          7544/udp      FlowAnalyzer DisplayServer
nta-us          7545/tcp      FlowAnalyzer UtilityServer
nta-us          7545/udp      FlowAnalyzer UtilityServer
#               Fred Messinger <fredm@cisco.com>
cfs             7546/tcp      Cisco Fabric service
cfs             7546/udp      Cisco Fabric service
#               Rituparna Agrawal <riagrawa@cisco.com> September
2005
cwmp            7547/tcp      DSL Forum CWMP
cwmp            7547/udp      DSL Forum CWMP
#               Anton Okmianski <aokmians@cisco.com> January 2006
tidp            7548/tcp      Threat Information Distribution Protocol
tidp            7548/udp      Threat Information Distribution Protocol
#               Chui-Tin Yen <tin@cisco.com> February 2006
nls-tl          7549/tcp      Network Layer Signaling Transport Layer
nls-tl          7549/udp      Network Layer Signaling Transport Layer
#               Melinda Shore <mshore@cisco.com> May 2006
#               7550-7559      Unassigned
sncp            7560/tcp      Sniffer Command Protocol
sncp            7560/udp      Sniffer Command Protocol
#               Dominick Cafarelli
<dominick.cafarelli@networkgeneral.com> August 2005
#               7561-7565      Unassigned
vsi-omega       7566/tcp      VSI Omega
vsi-omega       7566/udp      VSI Omega
#               Curtis Smith <curtis.smith@vsin.com>
#               7567-7569      Unassigned
aries-kfinder   7570/tcp      Aries Kfinder
aries-kfinder   7570/udp      Aries Kfinder
#               James King, III <jking@ariessys.com>
#               7571-7587      Unassigned
sun-lm          7588/tcp      Sun License Manager
sun-lm          7588/udp      Sun License Manager
#               Sophie Deng <Sophie.Deng@Eng.Sun.COM>
#               7589-7623      Unassigned
indi            7624/tcp      Instrument Neutral Distributed Interface
indi            7624/udp      Instrument Neutral Distributed Interface
#               Elwood Downey <ecdowney@clearskyinstitute.com>
April 2002

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#           7625           Unassigned
simco      7626/tcp        SImple Middlebox COnfiguration (SIMCO) Server
#           RFC4540
#           7626/udp        De-registered (30 January 2006)
simco      7626/sctp      SImple Middlebox COnfiguration (SIMCO)
#           Sebastian Kiesel <kiesel@ikr.uni-stuttgart.de> January
2006
soap-http  7627/tcp        SOAP Service Port
soap-http  7627/udp        SOAP Service Port
#           Donald Dylla <donald.dylla@hp.com> December 2004
zen-pawn   7628/tcp        Primary Agent Work Notification
zen-pawn   7628/udp        Primary Agent Work Notification
#           Ty Ellis <tellis@novell.com> May 2006
xdas       7629/tcp        OpenXDAS Wire Protocol
xdas       7629/udp        OpenXDAS Wire Protocol
#           John Calcote <jcalcote@novell.com> October 2006
#           7630-7632       Unassigned
pmdfmgt    7633/tcp        PMDF Management
pmdfmgt    7633/udp        PMDF Management
#           Hunter Goatley <goathunter@goatley.com>
#           7634-7647       Unassigned
cuseeme    7648/tcp        bonjour-cuseeme
cuseeme    7648/udp        bonjour-cuseeme
#           Marc Manthey <codewarrior@cuseeme.de> July 2006
#           7649-7673       Unassigned
imqtunnels 7674/tcp        iMQ SSL tunnel
imqtunnels 7674/udp        iMQ SSL tunnel
imqtunnel  7675/tcp        iMQ Tunnel
imqtunnel  7675/udp        iMQ Tunnel
#           Shailesh S. Bavadekar <shailesh.bavadekar@sun.com>
April 2002
imqbrokerd 7676/tcp        iMQ Broker Rendezvous
imqbrokerd 7676/udp        iMQ Broker Rendezvous
#           Joseph Di Pol <joe.dipol@sun.com> April 2002
sun-user-https 7677/tcp      Sun App Server - HTTPS
sun-user-https 7677/udp      Sun App Server - HTTPS
#           Abhijit Kumar <as-iana-ports@sun.com> November 2005
#           7678-7688       Unassigned
collaber   7689/tcp        Collaber Network Service
collaber   7689/udp        Collaber Network Service
#           Rajesh Akkineni <rajesh@vimukti.com> January 2007
#           7690-7696       Unassigned
klio       7697/tcp        KLIO communications
klio       7697/udp        KLIO communications
#           Helmut Giritzer <helmut.giritzer@o.rokeskreuz.at>
August 2005
#           7698-7706       Unassigned
sync-em7   7707/tcp        EM7 Dynamic Updates
sync-em7   7707/udp        EM7 Dynamic Updates
#           Christopher Cordray <ccordray@sciencelogic.com>
November 2004
scinet     7708/tcp        scientia.net
scinet     7708/udp        scientia.net
#           Christoph Anton Mitterer <calestyo@scientia.net> January
2006
#           7709-7719       Unassigned
medimageportal 7720/tcp      MedImage Portal

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| | | |
|-----------------|-----------|--|
| medimageportal | 7720/udp | MedImage Portal |
| # | | Ken Hornak <ken_hornak@medimage.com> October 2003 |
| # | 7721-7724 | Unassigned |
| nitrogen | 7725/tcp | Nitrogen Service |
| nitrogen | 7725/udp | Nitrogen Service |
| # | | Randy Lomnes <rlomnes@faronics.com> November 2004 |
| freezexservice | 7726/tcp | FreezeX Console Service |
| freezexservice | 7726/udp | FreezeX Console Service |
| # | | David Crowe <dcrowe@faronics.com> June 2005 |
| trident-data | 7727/tcp | Trident Systems Data |
| trident-data | 7727/udp | Trident Systems Data |
| # | | Jeremy McClintock <jeremy@tridsys.com> August 2005 |
| # | 7728-7737 | Unassigned |
| aiagent | 7738/tcp | HP Enterprise Discovery Agent |
| aiagent | 7738/udp | HP Enterprise Discovery Agent |
| # | | Matthew Darwin <matthew.darwin@hp.com> August 2005 |
| # | 7739-7742 | Unassigned |
| sstp-1 | 7743/tcp | Sakura Script Transfer Protocol |
| sstp-1 | 7743/udp | Sakura Script Transfer Protocol |
| # | | Kouichi Takeda <KHB05271@nifty.com> |
| raqmon-pdu | 7744/tcp | RAQMON PDU |
| raqmon-pdu | 7744/udp | RAQMON PDU |
| # | | RFC4712 |
| # | 7745-7776 | Unassigned |
| cbt | 7777/tcp | cbt |
| cbt | 7777/udp | cbt |
| # | | Tony Ballardie <A.Ballardie@cs.ucl.ac.uk> |
| interwise | 7778/tcp | Interwise |
| interwise | 7778/udp | Interwise |
| # | | Joseph Gray <gray@interwise.co.il> |
| vstat | 7779/tcp | VSTAT |
| vstat | 7779/udp | VSTAT |
| # | | Vinh Nguyn <vinh@sportvision.com> |
| # | 7780 | Unassigned |
| accu-lmgr | 7781/tcp | accu-lmgr |
| accu-lmgr | 7781/udp | accu-lmgr |
| # | | Moises E. Hernandez <moises@accugraph.com> |
| # | 7782-7785 | Unassigned |
| minivend | 7786/tcp | MINIVEND |
| minivend | 7786/udp | MINIVEND |
| # | | Mike Heins <mike@minivend.com> |
| popup-reminders | 7787/tcp | Popup Reminders Receive |
| popup-reminders | 7787/udp | Popup Reminders Receive |
| # | | Robert Harvey <robert@officetoolspro.com> January 2006 |
| # | 7788 | Unassigned |
| office-tools | 7789/tcp | Office Tools Pro Receive |
| office-tools | 7789/udp | Office Tools Pro Receive |
| # | | Robert Harvey <robert@officetoolspro.com> January 2006 |
| # | 7790-7793 | Unassigned |
| q3ade | 7794/tcp | Q3ADE Cluster Service |
| q3ade | 7794/udp | Q3ADE Cluster Service |
| # | | Uffe Harksen <uh@uhcommunications.com> August 2005 |
| # | 7795-7796 | Unassigned |
| pnet-conn | 7797/tcp | Propel Connector port |
| pnet-conn | 7797/udp | Propel Connector port |
| pnet-enc | 7798/tcp | Propel Encoder port |
| pnet-enc | 7798/udp | Propel Encoder port |

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#                               Leif Hedstrom <leif@propel.com> April 2002
#                               7799                               Unassigned
asr          7800/tcp           Apple Software Restore
asr          7800/udp           Apple Software Restore
#                               Jim Kateley <asr-dev@group.apple.com> January 2006
ssp-client  7801/tcp           Secure Server Protocol - client
ssp-client  7801/udp           Secure Server Protocol - client
#                               Rick Macchio <rmacchio@juniper.net> November 2006
#                               7802-7844                       Unassigned
apc-7845    7845/tcp           APC 7845
apc-7845    7845/udp           APC 7845
apc-7846    7846/tcp           APC 7846
apc-7846    7846/udp           APC 7846
#                               American Power Conversion <ports@apcc.com>
#                               7847-7886                       Unassigned
ubroker     7887/tcp           Universal Broker
ubroker     7887/udp           Universal Broker
#                               Nathan Hammond <nathan.hammond@stonebranch.com>
October 2005
#                               7888-7899                       Unassigned
mevent      7900/tcp           Multicast Event
mevent      7900/udp           Multicast Event
#                               YoonSoo Kim <ys71.kim@samsung.com> May 2006
tnos-sp     7901/tcp           TNOS Service Protocol
tnos-sp     7901/udp           TNOS Service Protocol
tnos-dp     7902/tcp           TNOS DiaguardProtocol
tnos-dp     7902/udp           TNOS DiaguardProtocol
tnos-dps    7903/tcp           TNOS Secure DiaguardProtocol
tnos-dps    7903/udp           TNOS Secure DiaguardProtocol
#                               Marcel Lanz <marcel.lanz@adasoft.ch> August 2005
#                               7904-7912                       Unassigned
qo-secure   7913/tcp           QuickObjects secure port
qo-secure   7913/udp           QuickObjects secure port
#                               Jonas Bovin <jonas.bovin@quickobjects.com>
#                               7914-7931                       Unassigned
t2-drm      7932/tcp           Tier 2 Data Resource Manager
t2-drm      7932/udp           Tier 2 Data Resource Manager
t2-brm      7933/tcp           Tier 2 Business Rules Manager
t2-brm      7933/udp           Tier 2 Business Rules Manager
#                               Peter Carlson <pcarlson@tier2.com>
#                               7934-7966                       Unassigned
supercell   7967/tcp           Supercell
supercell   7967/udp           Supercell
#                               Kevin Nakagawa <nakagawa@sigsci.com>
#                               7968-7978                       Unassigned
micromuse-ncps 7979/tcp           Micromuse-ncps
micromuse-ncps 7979/udp           Micromuse-ncps
#                               Hing Wing To <wing.to@mircromuse.com>
quest-vista 7980/tcp           Quest Vista
quest-vista 7980/udp           Quest Vista
#                               Preston Bannister <pbannister@quests.com>
#                               7981-7998                       Unassigned
irdmi2      7999/tcp           iRDMI2
irdmi2      7999/udp           iRDMI2
irdmi       8000/tcp           iRDMI
irdmi       8000/udp           iRDMI
#                               Gil Shafriri <shafriri@ilccml.iil.intel.com>

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vcom-tunnel      8001/tcp      VCOM Tunnel
vcom-tunnel      8001/udp      VCOM Tunnel
#                Mark Lewandowski <mlewan0@us.ibm.com>
teradataordbms  8002/tcp      Teradata ORDBMS
teradataordbms  8002/udp      Teradata ORDBMS
#                Curt Ellmann <curt.ellmann@ncr.com>
#                8003-8007      Unassigned
http-alt        8008/tcp      HTTP Alternate
http-alt        8008/udp      HTTP Alternate
#                James Gettys <jg@w3.org>
#                8009-8019      Unassigned
intu-ec-svcdisc 8020/tcp      Intuit Entitlement Service and Discovery
intu-ec-svcdisc 8020/udp      Intuit Entitlement Service and Discovery
intu-ec-client  8021/tcp      Intuit Entitlement Client
intu-ec-client  8021/udp      Intuit Entitlement Client
#                Daniel C. McGloin <daniel_mcgloin@intuit.com> May
2005
oa-system       8022/tcp      oa-system
oa-system       8022/udp      oa-system
#                Marie-France Dubreuil <Marie-
France.Dubreuil@evidian.com>
#                8023-8024      Unassigned
ca-audit-da     8025/tcp      CA Audit Distribution Agent
ca-audit-da     8025/udp      CA Audit Distribution Agent
ca-audit-ds     8026/tcp      CA Audit Distribution Server
ca-audit-ds     8026/udp      CA Audit Distribution Server
#                Henning Smith <henning.smith@ca.com> July 2006
#                8027-8031      Unassigned
pro-ed          8032/tcp      ProEd
pro-ed          8032/udp      ProEd
mindprint       8033/tcp      MindPrint
mindprint       8033/udp      MindPrint
#                Larry Tusoni <larry@goldrush.com>
#                8034-8051      Unassigned
senomix01      8052/tcp      Senomix Timesheets Server
senomix01      8052/udp      Senomix Timesheets Server
senomix02      8053/tcp      Senomix Timesheets Client [1 year assignment]
senomix02      8053/udp      Senomix Timesheets Client [1 year assignment]
senomix03      8054/tcp      Senomix Timesheets Server [1 year assignment]
senomix03      8054/udp      Senomix Timesheets Server [1 year assignment]
senomix04      8055/tcp      Senomix Timesheets Server [1 year assignment]
senomix04      8055/udp      Senomix Timesheets Server [1 year assignment]
senomix05      8056/tcp      Senomix Timesheets Server [1 year assignment]
senomix05      8056/udp      Senomix Timesheets Server [1 year assignment]
senomix06      8057/tcp      Senomix Timesheets Client [1 year assignment]
senomix06      8057/udp      Senomix Timesheets Client [1 year assignment]
senomix07      8058/tcp      Senomix Timesheets Client [1 year assignment]
senomix07      8058/udp      Senomix Timesheets Client [1 year assignment]
senomix08      8059/tcp      Senomix Timesheets Client [1 year assignment]
senomix08      8059/udp      Senomix Timesheets Client [1 year assignment]
#                Charles O'Dale <codale@hfx.andara.com> July 2006
#                8060-8073      Unassigned
gadugadu       8074/tcp      Gadu-Gadu
gadugadu       8074/udp      Gadu-Gadu
#                Marcin Gozdzalik <gozdzalik@gadu-gadu.pl> May 2006
#                8075-8079      Unassigned
http-alt       8080/tcp      HTTP Alternate (see port 80)

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http-alt    8080/udp    HTTP Alternate (see port 80)
#           Stephen Casner <casner@precpt.com>
sunproxyadmin 8081/tcp    Sun Proxy Admin Service
sunproxyadmin 8081/udp    Sun Proxy Admin Service
#           Arvind Srinivasan <arvind.srinivasan@sun.com>
August 2005
us-cli      8082/tcp    Utilistor (Client)
us-cli      8082/udp    Utilistor (Client)
us-srv      8083/tcp    Utilistor (Server)
us-srv      8083/udp    Utilistor (Server)
#           Andy Brewerton <andy.brewerton@otium.co.uk> August
2005
#           8084-8087    Unassigned
radan-http  8088/tcp    Radan HTTP
radan-http  8088/udp    Radan HTTP
#           Steve Hay <Steve.Hay@uk.radan.com> April 2002
#           8089-8096    Unassigned
sac         8097/tcp    SAC Port Id
sac         8097/udp    SAC Port Id
#           Girish Bhat <gbhat@cranite.com> April 2006
#           8098-8099    Unassigned
xprint-server 8100/tcp    Xprint Server
xprint-server 8100/udp    Xprint Server
#           John McKernan <John.McKernan@sun.com>
#           8101-8114    Unassigned
mtl8000-matrix 8115/tcp    MTL8000 Matrix
mtl8000-matrix 8115/udp    MTL8000 Matrix
#           David Pinch <dpinch@mtl-inst.com> April 2002
cp-cluster  8116/tcp    Check Point Clustering
cp-cluster  8116/udp    Check Point Clustering
#           Roni Moshitzky <rmosh@checkpoint.com>
#           8117          Unassigned
privoxy     8118/tcp    Privoxy HTTP proxy
privoxy     8118/udp    Privoxy HTTP proxy
#           Andreas Oesterhelt <oes@privoxy.org> June 2002
#           8119-8120    Unassigned
apollo-data 8121/tcp    Apollo Data Port
apollo-data 8121/udp    Apollo Data Port
#           Anthony Carrabino <anthony@vistasoftware.com>
August 2003
apollo-admin 8122/tcp    Apollo Admin Port
apollo-admin 8122/udp    Apollo Admin Port
#           Anthony Carrabino <anthony@vistasoftware.com>
August 2003
#           8123-8127    Unassigned
paycash-online 8128/tcp    PayCash Online Protocol
paycash-online 8128/udp    PayCash Online Protocol
paycash-wbp   8129/tcp    PayCash Wallet-Browser
paycash-wbp   8129/udp    PayCash Wallet-Browser
#           MegaZone <megazone@paycash.us> August 2005
indigo-vrmi   8130/tcp    INDIGO-VRMI
indigo-vrmi   8130/udp    INDIGO-VRMI
indigo-vbcp   8131/tcp    INDIGO-VBCP
indigo-vbcp   8131/udp    INDIGO-VBCP
#           Colin Caughie <cfc@indigo-avs.com>
dbabble       8132/tcp    dbabble
dbabble       8132/udp    dbabble

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#                               Chris Pugmire <chrisp@netwinsite.com>
#                               8133-8147   Unassigned
isdd                             8148/tcp   i-SDD file transfer
isdd                             8148/udp   i-SDD file transfer
#                               Frank Waarsenburg <frank@eye-display.nl> November
2004
#                               8149-8159   Unassigned
patrol                           8160/tcp   Patrol
patrol                           8160/udp   Patrol
patrol-snmpp                     8161/tcp   Patrol SNMP
patrol-snmpp                     8161/udp   Patrol SNMP
#                               Portnoy Boxman <portnoy_boxman@bmc.com>
#                               8162-8191   Unassigned
spytechphone                    8192/tcp   SpyTech Phone Service
spytechphone                    8192/udp   SpyTech Phone Service
#                               Bill Kay <bkay@spy-tec.com> April 2006
#                               8193       Unassigned
blp1                             8194/tcp   Bloomberg data API
blp1                             8194/udp   Bloomberg data API
blp2                             8195/tcp   Bloomberg feed
blp2                             8195/udp   Bloomberg feed
#                               Albert Hou <ahoul@bloomberg.com> May 2006
#                               8196-8198   Unassigned
vvr-data                        8199/tcp   VVR DATA
vvr-data                        8199/udp   VVR DATA
#                               Ming Xu <ming@veritas.com>
trivnet1                        8200/tcp   TRIVNET
trivnet1                        8200/udp   TRIVNET
trivnet2                        8201/tcp   TRIVNET
trivnet2                        8201/udp   TRIVNET
#                               Saar Wilf <saar@trivnet.com>
#                               8202-8203   Unassigned
lm-perfworks                    8204/tcp   LM Perfworks
lm-perfworks                    8204/udp   LM Perfworks
lm-instmgr                      8205/tcp   LM Instmgr
lm-instmgr                      8205/udp   LM Instmgr
lm-dta                          8206/tcp   LM Dta
lm-dta                          8206/udp   LM Dta
lm-sserver                      8207/tcp   LM SServer
lm-sserver                      8207/udp   LM SServer
lm-webwatcher                  8208/tcp   LM Webwatcher
lm-webwatcher                  8208/udp   LM Webwatcher
#                               Chris Flynn <cflynn@landmark.com>
#                               8209-8229   Unassigned
rexecj                          8230/tcp   RexecJ Server
rexecj                          8230/udp   RexecJ Server
#                               Curtiss Howard <cjhoward@unity.ncsu.edu> November
2004
#                               8231-8291   Unassigned
blp3                             8292/tcp   Bloomberg professional
blp3                             8292/udp   Bloomberg professional
#                               8293       Unassigned
blp4                             8294/tcp   Bloomberg intelligent client
blp4                             8294/udp   Bloomberg intelligent client
#                               Albert Hou <ahoul@bloomberg.com> May 2006
#                               8295-8299   Unassigned
tmi                             8300/tcp   Transport Management Interface

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tmi          8300/udp      Transport Management Interface
#           Steve Kneizys <skneizys@erpdata.com> November 2006
amberon      8301/tcp      Amberon PPC/PPS
amberon      8301/udp      Amberon PPC/PPS
#           Ronald Snyder <pugaroni@sssnet.com> March 2006
#           8302-8350      Unassigned
server-find  8351/tcp      Server Find
server-find  8351/udp      Server Find
#           Chris Brown <chrisb@chancery.com>
#           8352-8375      Unassigned
cruise-enum 8376/tcp      Cruise ENUM
cruise-enum 8376/udp      Cruise ENUM
cruise-swroute 8377/tcp      Cruise SWROUTE
cruise-swroute 8377/udp      Cruise SWROUTE
cruise-config 8378/tcp      Cruise CONFIG
cruise-config 8378/udp      Cruise CONFIG
cruise-diags  8379/tcp      Cruise DIAGS
cruise-diags  8379/udp      Cruise DIAGS
cruise-update 8380/tcp      Cruise UPDATE
cruise-update 8380/udp      Cruise UPDATE
#           Steve Husak <portmaster@cruisetech.com>
#           8381-8382      Unassigned
m2mservices 8383/tcp      M2m Services
m2mservices 8383/udp      M2m Services
#           Carlos Arteaga <carteaga@adelphia.net> November
2004
#           8384-8399      Unassigned
cvd          8400/tcp      cvd
cvd          8400/udp      cvd
sabarsd     8401/tcp      sabarsd
sabarsd     8401/udp      sabarsd
abarsd      8402/tcp      abarsd
abarsd      8402/udp      abarsd
admind      8403/tcp      admind
admind      8403/udp      admind
#           Aaron Bilbrey <abilbrey@commvault.com>
#           8404-8415      Unassigned
espeech     8416/tcp      eSpeech Session Protocol
espeech     8416/udp      eSpeech Session Protocol
#           Scott Tarone <starone@proactivethought.com>
November 2002
espeech-rtp 8417/tcp      eSpeech RTP Protocol
espeech-rtp 8417/udp      eSpeech RTP Protocol
#           Scott Tarone <starone@proactivethought.com> April
2003
#           8418-8442      Unassigned
pcsync-https 8443/tcp      PCsync HTTPS
pcsync-https 8443/udp      PCsync HTTPS
pcsync-http  8444/tcp      PCsync HTTP
pcsync-http  8444/udp      PCsync HTTP
#           Katy Lynn McCullough <KatyM@LapLink.com>
#           8445-8449      Unassigned
npmp        8450/tcp      npmp
npmp        8450/udp      npmp
#           Ian Chard <ian@tanagra.demon.co.uk>
#           8451-8472      Unassigned
vp2p        8473/tcp      Virtual Point to Point

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|---------------|-----------|---|
| vp2p | 8473/udp | Virtual Point to Point |
| # | | Jerome Grimbert <jerome.grimbert@atosorigin.com> |
| noteshare | 8474/tcp | AquaMinds NoteShare |
| noteshare | 8474/udp | AquaMinds NoteShare |
| # | | Michael McNabb <michael@aquaminds.com> October 2005 |
| # | 8475-8499 | Unassigned |
| fntp | 8500/tcp | Flight Message Transfer Protocol |
| fntp | 8500/udp | Flight Message Transfer Protocol |
| # | | Eivan Cerasi <eivan.cerasi@eurocontrol.int> |
| December 2003 | | |
| # | 8501-8553 | Unassigned |
| rtsp-alt | 8554/tcp | RTSP Alternate (see port 554) |
| rtsp-alt | 8554/udp | RTSP Alternate (see port 554) |
| # | | Stephen Casner <casner@precept.com> |
| d-fence | 8555/tcp | SYMAX D-FENCE |
| d-fence | 8555/udp | SYMAX D-FENCE |
| # | | Thomas Geisel <tgeisel@symax.de> January 2003 |
| # | 8556-8566 | Unassigned |
| oap-admin | 8567/tcp | Object Access Protocol Administration |
| oap-admin | 8567/udp | Object Access Protocol Administration |
| # | | Bryant Eastham <protocols@slc.mew.com> August 2005 |
| # | 8568-8599 | Unassigned |
| asterix | 8600/tcp | Surveillance Data |
| asterix | 8600/udp | Surveillance Data |
| # | | Eivan Cerasi <eivan.cerasi@eurocontrol.int> |
| November 2005 | | |
| # | 8601-8610 | Unassigned |
| canon-bjnp1 | 8611/tcp | Canon BJNP Port 1 |
| canon-bjnp1 | 8611/udp | Canon BJNP Port 1 |
| # | | Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> |
| November 2003 | | |
| canon-bjnp2 | 8612/tcp | Canon BJNP Port 2 |
| canon-bjnp2 | 8612/udp | Canon BJNP Port 2 |
| # | | Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> |
| November 2003 | | |
| canon-bjnp3 | 8613/tcp | Canon BJNP Port 3 |
| canon-bjnp3 | 8613/udp | Canon BJNP Port 3 |
| # | | Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> |
| November 2003 | | |
| canon-bjnp4 | 8614/tcp | Canon BJNP Port 4 |
| canon-bjnp4 | 8614/udp | Canon BJNP Port 4 |
| # | | Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> |
| November 2003 | | |
| # | 8615-8685 | Unassigned |
| sun-as-jmxrmi | 8686/tcp | Sun App Server - JMX/RMI |
| sun-as-jmxrmi | 8686/udp | Sun App Server - JMX/RMI |
| # | | Abhijit Kumar <as-iana-ports@sun.com> November 2005 |
| # | 8687-8698 | Unassigned |
| vnyx | 8699/tcp | VNYX Primary Port |
| vnyx | 8699/udp | VNYX Primary Port |
| # | | Gregg Green <legal@vnyx.net> November 2004 |
| # | 8700-8732 | Unassigned |
| ibus | 8733/tcp | iBus |
| ibus | 8733/udp | iBus |
| # | | Silvano Maffeis <maffeis@softwired.ch> |
| # | 8734-8762 | Unassigned |
| mc-appserver | 8763/tcp | MC-APPSERVER |

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mc-appserver      8763/udp      MC-APPSERVER
#                8763/udp      Romeo Kasanwidjojo <romeo@microcomgroup.com>
openqueue        8764/tcp      OPENQUEUE
openqueue        8764/udp      OPENQUEUE
#                8764/udp      Matt Jensen <mattj@newsblip.com>
ultraseek-http   8765/tcp      Ultraseek HTTP
ultraseek-http   8765/udp      Ultraseek HTTP
#                8765/udp      Walter Underwood <wunder@infoseek.com>
#                8766-8769 Unassigned
dpap             8770/tcp      Digital Photo Access Protocol
dpap             8770/udp      Digital Photo Access Protocol
#                8770/udp      Amandeep Jawa <dpap@apple.com> November 2004
#                8771-8785 Unassigned
msgclnt         8786/tcp      Message Client
msgclnt         8786/udp      Message Client
msgsrvr         8787/tcp      Message Server
msgsrvr         8787/udp      Message Server
#                8787/udp      Michael O'Brien <mobrien02@comcast.net> March 2003
#                8788-8799 Unassigned
sunwebadmin     8800/tcp      Sun Web Server Admin Service
sunwebadmin     8800/udp      Sun Web Server Admin Service
#                8800/udp      Jyri J. Virkki <jyri.virkki@sun.com> December 2005
#                8801-8803 Unassigned
truecm          8804/tcp      truecm
truecm          8804/udp      truecm
#                8804/udp      Scott Kramer <scottk@truebluesoftware.com>
#                8805-8872 Unassigned
dxspider        8873/tcp      dxspider linking protocol
dxspider        8873/udp      dxspider linking protocol
#                8873/udp      Dirk Koopman <djk@tobit.co.uk> August 2005
#                8874-8879 Unassigned
cddb-alt        8880/tcp      CDDBP
cddb-alt        8880/udp      CDDBP
#                8880/udp      Steve Scherf <steve@moonsoft.com>
#                8881-8887 Unassigned
ddi-tcp-1       8888/tcp      NewsEDGE server TCP (TCP 1)
ddi-udp-1       8888/udp      NewsEDGE server UDP (UDP 1)
ddi-tcp-2       8889/tcp      Desktop Data TCP 1
ddi-udp-2       8889/udp      NewsEDGE server broadcast
ddi-tcp-3       8890/tcp      Desktop Data TCP 2
ddi-udp-3       8890/udp      NewsEDGE client broadcast
ddi-tcp-4       8891/tcp      Desktop Data TCP 3: NESS application
ddi-udp-4       8891/udp      Desktop Data UDP 3: NESS application
ddi-tcp-5       8892/tcp      Desktop Data TCP 4: FARM product
ddi-udp-5       8892/udp      Desktop Data UDP 4: FARM product
ddi-tcp-6       8893/tcp      Desktop Data TCP 5: NewsEDGE/Web application
ddi-udp-6       8893/udp      Desktop Data UDP 5: NewsEDGE/Web application
ddi-tcp-7       8894/tcp      Desktop Data TCP 6: COAL application
ddi-udp-7       8894/udp      Desktop Data UDP 6: COAL application
#                8894/udp      Fred Yao <Fred_Yao@DDIGATE2.desktopdata.com>
#                8895-8899 Unassigned
jmb-cds1        8900/tcp      JMB-CDS 1
jmb-cds1        8900/udp      JMB-CDS 1
jmb-cds2        8901/tcp      JMB-CDS 2
jmb-cds2        8901/udp      JMB-CDS 2
#                8901/udp      Curtis Bray <CurtisB@creativdesign.com>
#                8902-8909 Unassigned

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| | | |
|-----------------|-----------|---|
| manyone-http | 8910/tcp | manyone-http |
| manyone-http | 8910/udp | manyone-http |
| manyone-xml | 8911/tcp | manyone-xml |
| manyone-xml | 8911/udp | manyone-xml |
| # | | Matt King <m@manyone.net> April 2002 |
| wcbakup | 8912/tcp | Windows Client Backup |
| wcbakup | 8912/udp | Windows Client Backup |
| # | | Jim Lyon <JimLyon@Microsoft.Com> November 2005 |
| dragonfly | 8913/tcp | Dragonfly System Service |
| dragonfly | 8913/udp | Dragonfly System Service |
| # | | Paul Hodara <phodara@netwave.com> November 2005 |
| # | 8914-8953 | Unassigned |
| cumulus-admin | 8954/tcp | Cumulus Admin Port |
| cumulus-admin | 8954/udp | Cumulus Admin Port |
| # | | Thomas Schleu <ttschleu@canto.de> |
| # | 8955-8988 | Unassigned |
| sunwebadmins | 8989/tcp | Sun Web Server SSL Admin Service |
| sunwebadmins | 8989/udp | Sun Web Server SSL Admin Service |
| # | | Jyri J. Virkki <jyri.virkki@sun.com> December 2005 |
| # | 8990-8998 | Unassigned |
| bctcp | 8999/tcp | Brodos Crypto Trade Protocol |
| bctcp | 8999/udp | Brodos Crypto Trade Protocol |
| # | | Alexander Sahler <alexander.sahler@brodos.de> |
| February 2002 | | |
| cslistener | 9000/tcp | CSlistener |
| cslistener | 9000/udp | CSlistener |
| # | | David Jones <djones@cincom.com> |
| etlservicemgr | 9001/tcp | ETL Service Manager |
| etlservicemgr | 9001/udp | ETL Service Manager |
| # | | Stephen McCrea <smccrea@etlelectronique.com> March |
| 2002 | | |
| dynamid | 9002/tcp | DynamID authentication |
| dynamid | 9002/udp | DynamID authentication |
| # | | Jerome Dusautois <jdusautois@scrypto.fr> March 2002 |
| # | 9003-9005 | Unassigned |
| # | 9006 | De-Commissioned Port 02/24/00, ms |
| # | 9007-9008 | Unassigned |
| pichat | 9009/tcp | Pichat Server |
| pichat | 9009/udp | Pichat Server |
| # | | Mark Seuffert <captain2004@pirate.de> November 2004 |
| # | 9010-9019 | Unassigned |
| tambora | 9020/tcp | TAMBORA |
| tambora | 9020/udp | TAMBORA |
| # | | Jason van Zyl <jvanzyl@zenplex.com> March 2002 |
| panagolin-ident | 9021/tcp | Pangolin Identification |
| panagolin-ident | 9021/udp | Pangolin Identification |
| # | | William Benner <bill@panagolin.com> March 2002 |
| paragent | 9022/tcp | PrivateArk Remote Agent |
| paragent | 9022/udp | PrivateArk Remote Agent |
| # | | Gal Cucuy <galc@cyber-ark.com> March 2002 |
| swa-1 | 9023/tcp | Secure Web Access - 1 |
| swa-1 | 9023/udp | Secure Web Access - 1 |
| swa-2 | 9024/tcp | Secure Web Access - 2 |
| swa-2 | 9024/udp | Secure Web Access - 2 |
| swa-3 | 9025/tcp | Secure Web Access - 3 |
| swa-3 | 9025/udp | Secure Web Access - 3 |
| swa-4 | 9026/tcp | Secure Web Access - 4 |

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swa-4          9026/udp      Secure Web Access - 4
#              #              Tim McGranaghan <tim_mcgranaghan@mech.disa.mil>
#              #              9027-9079      Unassigned
glrpc          9080/tcp      Groove GLRPC
glrpc          9080/udp      Groove GLRPC
#              #              Adrian Popescu <Adrian_Popescu@groove.net>
September 2002
#              #              9081-9086      Unassigned
classic        9087/tcp      Classic Data Server
classic        9087/udp      Classic Data Server
#              #              Paul Cadarette <pcadaret@us.ibm.com> January 2007
sqlxec         9088/tcp      IBM Informix SQL Interface
sqlxec         9088/udp      IBM Informix SQL Interface
sqlxec-ssl     9089/tcp      IBM Informix SQL Interface - Encrypted
sqlxec-ssl     9089/udp      IBM Informix SQL Interface - Encrypted
#              #              Jonathan Leffler <jleffler@us.ibm.com> December
2005
websm          9090/tcp      WebSM
websm          9090/udp      WebSM
#              #              I-Hsing Tsao <itsao@austin.ibm.com>
xmltec-xmlmail 9091/tcp      xmltec-xmlmail
xmltec-xmlmail 9091/udp      xmltec-xmlmail
#              #              Mitch Kaufman <mk@weconnectyou.com>
XmlIpcRegSvc   9092/tcp      Xml-Ipc Server Reg
XmlIpcRegSvc   9092/udp      Xml-Ipc Server Reg
#              #              Casey Harrington <charrington@isxinc.com> January
2006
#              #              9093-9099      Unassigned
hp-pdl-datastr 9100/tcp      PDL Data Streaming Port
hp-pdl-datastr 9100/udp      PDL Data Streaming Port
#              #              Shivaun Albright <shivaun_albright@hp.com> April
2002
#### The protocol name "pdl-datastream" is primarily registered for use ####
#### in DNS SRV records (RFC 2782). DNS SRV records allow a protocol to run on
####
#### any port number, but the default port for this protocol is 9100 ####.
pdl-datastream 9100/tcp      Printer PDL Data Stream
pdl-datastream 9100/udp      Printer PDL Data Stream
#              #              Stuart Cheshire <pdl-datastream@apple.com>
September 2002
bacula-dir     9101/tcp      Bacula Director
bacula-dir     9101/udp      Bacula Director
bacula-fd      9102/tcp      Bacula File Daemon
bacula-fd      9102/udp      Bacula File Daemon
bacula-sd      9103/tcp      Bacula Storage Daemon
bacula-sd      9103/udp      Bacula Storage Daemon
#              #              Kern Sibbald <kern@sibbald.com> January 2002
peerwire       9104/tcp      PeerWire
peerwire       9104/udp      PeerWire
#              #              Steven Gerhardt <sgerhardt@ixiononline.com>
February 2004
#              #              9105-9118      Unassigned
mxit           9119/tcp      MXit Instant Messaging
mxit           9119/udp      MXit Instant Messaging
#              #              Marnus Freeman <marnus@swistgroup.com> February 2006
#              #              9120-9130      Unassigned
ddd           9131/tcp      Dynamic Device Discovery

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dddp          9131/udp    Dynamic Device Discovery
#             Shane Dick <shane.dick@amx.com> August 2005
#             9132-9159  Unassigned
netlock1     9160/tcp    NetLOCK1
netlock1     9160/udp    NetLOCK1
netlock2     9161/tcp    NetLOCK2
netlock2     9161/udp    NetLOCK2
netlock3     9162/tcp    NetLOCK3
netlock3     9162/udp    NetLOCK3
netlock4     9163/tcp    NetLOCK4
netlock4     9163/udp    NetLOCK4
netlock5     9164/tcp    NetLOCK5
netlock5     9164/udp    NetLOCK5
#             Steven Sawkins <ssawkins@netlock.com>
#             9165-9190  Unassigned
sun-as-jpda  9191/tcp    Sun AppSvr JPDA
sun-as-jpda  9191/udp    Sun AppSvr JPDA
#             Abhijit Kumar <as-iana-ports@sun.com> November 2005
#             9192-9199  Unassigned
wap-wsp      9200/tcp    WAP connectionless session service
wap-wsp      9200/udp    WAP connectionless session service
wap-wsp-wtp  9201/tcp    WAP session service
wap-wsp-wtp  9201/udp    WAP session service
wap-wsp-s    9202/tcp    WAP secure connectionless session service
wap-wsp-s    9202/udp    WAP secure connectionless session service
wap-wsp-wtp-s 9203/tcp    WAP secure session service
wap-wsp-wtp-s 9203/udp    WAP secure session service
wap-vcard    9204/tcp    WAP vCard
wap-vcard    9204/udp    WAP vCard
wap-vcal     9205/tcp    WAP vCal
wap-vcal     9205/udp    WAP vCal
wap-vcard-s  9206/tcp    WAP vCard Secure
wap-vcard-s  9206/udp    WAP vCard Secure
wap-vcal-s   9207/tcp    WAP vCal Secure
wap-vcal-s   9207/udp    WAP vCal Secure
#             WAP Forum <wap-feedback@mail.wapforum.org>
#             WAP Forum <pg@uplanet.com>
rjcdb-vcards 9208/tcp    rjcdb vCard
rjcdb-vcards 9208/udp    rjcdb vCard
#             Robert John Churchill <rjc@rjcdb.com> January 2006
almobile-system 9209/tcp    ALMobile System Service
almobile-system 9209/udp    ALMobile System Service
#             Rob Graber <r.graber@austinlane.com> January 2006
oma-mlp      9210/tcp    OMA Mobile Location Protocol
oma-mlp      9210/udp    OMA Mobile Location Protocol
oma-mlp-s    9211/tcp    OMA Mobile Location Protocol Secure
oma-mlp-s    9211/udp    OMA Mobile Location Protocol Secure
#             Hans Rohnert <hans.rohnert@siemens.com> April 2002
serverviewdbms 9212/tcp    Server View dbms access
serverviewdbms 9212/udp    Server View dbms access
#             Wolfgang Raith <wolfgang.raith@fujitsu-siemens.com>
January 2005
serverstart   9213/tcp    ServerStart RemoteControl
serverstart   9213/udp    ServerStart RemoteControl
#             Guenther Kroenert <Guenther.Kroenert@fujitsu-
siemens.com> August 2005
ipdcsgbs     9214/tcp    IPDC ESG BootstrapService

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ipdcesgbs      9214/udp      IPDC ESG BootstrapService
#              Joerg Heuer <Joerg.Heuer@siemens.com> February 2006
insis          9215/tcp      Integrated Setup and Install Service
insis          9215/udp      Integrated Setup and Install Service
#              Markus Treinen <markus.treinen@siemens.com> February 2006
acme           9216/tcp      Aionex Communication Management Engine
acme           9216/udp      Aionex Communication Management Engine
#              Mark Sapp <mark.sapp@aionex.com> April 2006
fsc-port       9217/tcp      FSC Communication Port
fsc-port       9217/udp      FSC Communication Port
#              Teijo Mustonen <Teijo.Mustonen@F-Secure.com> March
2002
#              9218-9221  Unassigned
teamcoherence  9222/tcp      QSC Team Coherence
teamcoherence  9222/udp      QSC Team Coherence
#              Ewan McNab <ewan@qsc.co.uk> November 2004
#              9223-9280  Unassigned
swtp-port1     9281/tcp      SofaWare transport port 1
swtp-port1     9281/udp      SofaWare transport port 1
swtp-port2     9282/tcp      SofaWare transport port 2
swtp-port2     9282/udp      SofaWare transport port 2
#              Amir Rapson <rapson@sofaware.com> February 2002
callwaveiam    9283/tcp      CallWaveIAM
callwaveiam    9283/udp      CallWaveIAM
#              Colin Kelley <cdk@callwave.com>
visd           9284/tcp      VERITAS Information Serve
visd           9284/udp      VERITAS Information Serve
#              Ravi Tavakely <ravi.tavakely@veritas.com> February
2002
n2h2server     9285/tcp      N2H2 Filter Service Port
n2h2server     9285/udp      N2H2 Filter Service Port
#              Jim Irwin <jirwin@n2h2.com> February 2002
#              9286      Unassigned
cumulus        9287/tcp      Cumulus
cumulus        9287/udp      Cumulus
#              Thomas Schleu <tschleu@canto.de>
#              9288-9291  Unassigned
armtechdaemon  9292/tcp      ArmTech Daemon
armtechdaemon  9292/udp      ArmTech Daemon
#              Rohan Story <rohan@aurema.com>
storview       9293/tcp      StorView Client
storview       9293/udp      StorView Client
#              Ryan Smith <ryans@nstor.com> July 2006
armcenterhttp  9294/tcp      ARMCenter http Service
armcenterhttp  9294/udp      ARMCenter http Service
armcenterhttps 9295/tcp      ARMCenter https Service
armcenterhttps 9295/udp      ARMCenter https Service
#              Eric Thiebaut-George <erict@aurema.com> April 2006
#              9296-9299  Unassigned
vrace          9300/tcp      Virtual Racing Service
vrace          9300/udp      Virtual Racing Service
#              Pete Loeffen, President, Digital Rowing Inc.
<peterl@digitalrowing.com> October 2006
#              9301-9317  Unassigned
secure-ts      9318/tcp      PKIX TimeStamp over TLS
secure-ts      9318/udp      PKIX TimeStamp over TLS
#              Niklas Weiss <n.weiss@d-trust.net> November 2004

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#           9319-9320   Unassigned
guibase    9321/tcp    guibase
guibase    9321/udp    guibase
#           Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#           9322-9342   Unassigned
mpidcmgr   9343/tcp    MpIdcMgr
mpidcmgr   9343/udp    MpIdcMgr
mphlpdmc   9344/tcp    Mphlpdmc
mphlpdmc   9344/udp    Mphlpdmc
#           Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#           9345       Unassigned
ctechlicensing 9346/tcp    C Tech Licensing
ctechlicensing 9346/udp    C Tech Licensing
#           Reed Copsey, Jr. <reedc@ctech.com>
#           9347-9373   Unassigned
fjdmimgr   9374/tcp    fjdmimgr
fjdmimgr   9374/udp    fjdmimgr
#           Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#           9375-9395   Unassigned
fjinvmgr   9396/tcp    fjinvmgr
fjinvmgr   9396/udp    fjinvmgr
mpidcagt   9397/tcp    MpIdcAgt
mpidcagt   9397/udp    MpIdcAgt
#           Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#           9398-9399   Unassigned
sec-t4net-srv 9400/tcp    Samsung Twain for Network Server
sec-t4net-srv 9400/udp    Samsung Twain for Network Server
sec-t4net-clt 9401/tcp    Samsung Twain for Network Client
sec-t4net-clt 9401/udp    Samsung Twain for Network Client
#           Dongkeun Kim <dongkeun70.kim@samsung.com> February 2007
#           9402-9417   Unassigned
git         9418/tcp    git pack transfer service
git         9418/udp    git pack transfer service
#           Linus Torvalds <torvalds@osdl.org> September 2005
#           9419-9442   Unassigned
tungsten-https 9443/tcp    WSO2 Tungsten HTTPS
tungsten-https 9443/udp    WSO2 Tungsten HTTPS
#           Afkham Azeez <azeez@wso2.com> June 2006
#           9444-9499   Unassigned
ismserver   9500/tcp    ismserver
ismserver   9500/udp    ismserver
#           Ian Gordon <iang@micromuse.co.uk>
#           9501-9534   Unassigned
mngsuite    9535/tcp    Management Suite Remote Control
mngsuite    9535/udp    Management Suite Remote Control
#           Alan Butt <alan.butt@landesk.com>
#           9536-9554   Unassigned
trispen-sra 9555/tcp    Trispen Secure Remote Access
trispen-sra 9555/udp    Trispen Secure Remote Access
#           Jaco Botha <jaco.botha@trispen.com> November 2004
#           9556-9591   Unassigned
ldgateway   9592/tcp    LANDesk Gateway
ldgateway   9592/udp    LANDesk Gateway
#           Alan Butt <alan.butt@landesk.com> March 2006
cba8        9593/tcp    LANDesk Management Agent
cba8        9593/udp    LANDesk Management Agent
#           Alan Butt <alan.butt@landesk.com> November 2004

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|----------------|-----------|---|
| msgsys | 9594/tcp | Message System |
| msgsys | 9594/udp | Message System |
| pds | 9595/tcp | Ping Discovery Service |
| pds | 9595/udp | Ping Discovery Service |
| # | | Alan Butt <alan.butt@landesk.com> |
| mercury-disc | 9596/tcp | Mercury Discovery |
| mercury-disc | 9596/udp | Mercury Discovery |
| # | | Paul Mclachlan <pmclachlan@mercury.com> November 2005 |
| pd-admin | 9597/tcp | PD Administration |
| pd-admin | 9597/udp | PD Administration |
| # | | Duk Loi <dloi@peerdirect.com> November 2005 |
| vscp | 9598/tcp | Very Simple Ctrl Protocol |
| vscp | 9598/udp | Very Simple Ctrl Protocol |
| # | | Ake Hedman <akhe@eurosource.se> November 2005 |
| robix | 9599/tcp | Robix |
| robix | 9599/udp | Robix |
| # | | Evan Rosen <evan@robix.com> November 2005 |
| micromuse-ncpw | 9600/tcp | MICROMUSE-NCPW |
| micromuse-ncpw | 9600/udp | MICROMUSE-NCPW |
| # | | Hing Wing To <wing.to@micromuse.com> |
| # | 9601-9611 | Unassigned |
| streamcomm-ds | 9612/tcp | StreamComm User Directory |
| streamcomm-ds | 9612/udp | StreamComm User Directory |
| # | | Brian C. Wiles <brian@streamcomm.com> |
| # | 9613-9699 | Unassigned |
| board-roar | 9700/tcp | Board M.I.T. Service |
| board-roar | 9700/udp | Board M.I.T. Service |
| # | | Francesco Rosi <frosi@orenburg.com> January 2006 |
| # | 9701-9746 | Unassigned |
| l5nas-parchan | 9747/tcp | L5NAS Parallel Channel |
| l5nas-parchan | 9747/udp | L5NAS Parallel Channel |
| # | | Lawrence J. Dickson - Land-5 Corporation |
| # | | <ldickson@land-5.com> March 2002 |
| # | 9748-9749 | Unassigned |
| board-voip | 9750/tcp | Board M.I.T. Synchronous Collaboration |
| board-voip | 9750/udp | Board M.I.T. Synchronous Collaboration |
| # | | Francesco Rosi <frosi@orenburg.com> January 2006 |
| # | 9751-9752 | Unassigned |
| rasadv | 9753/tcp | rasadv |
| rasadv | 9753/udp | rasadv |
| # | | Dave Thaler <dthaler@microsoft.com> |
| # | 9754-9761 | Unassigned |
| tungsten-http | 9762/tcp | WSO2 Tungsten HTTP |
| tungsten-http | 9762/udp | WSO2 Tungsten HTTP |
| # | | Afkham Azeez <azeez@wso2.com> June 2006 |
| # | 9763-9799 | Unassigned |
| davsrc | 9800/tcp | WebDav Source Port |
| davsrc | 9800/udp | WebDav Source Port |
| # | | Ethan Fremmen <mindlace@digicool.com> |
| sstp-2 | 9801/tcp | Sakura Script Transfer Protocol-2 |
| sstp-2 | 9801/udp | Sakura Script Transfer Protocol-2 |
| # | | Kouichi Takeda <KHB05271@nifty.com> |
| davsrcs | 9802/tcp | WebDAV Source TLS/SSL |
| davsrcs | 9802/udp | WebDAV Source TLS/SSL |
| # | | Rob Isaac <rob@automagic.org> July 2003 |
| # | 9803-9874 | Unassigned |

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sapv1          9875/tcp    Session Announcement v1
sapv1          9875/udp    Session Announcement v1
#              RFC 2974 <ftp://ftp.isi.edu/in-notes/rfc2974.txt>
sd             9876/tcp    Session Director
sd             9876/udp    Session Director
#              Van Jacobson <van@ee.lbl.gov>
#              9877-9887  Unassigned
cyborg-systems 9888/tcp    CYBORG Systems
cyborg-systems 9888/udp    CYBORG Systems
#              Malcolm Graham <Malcolm_Graham@CYBORG.COM>
#              9889-9897  Unassigned
monkeycom     9898/tcp    MonkeyCom
monkeycom     9898/udp    MonkeyCom
#              Yuji Kuwabara <HHG01200@niftyserve.or.jp>
sctp-tunneling 9899/tcp    SCTP TUNNELING
sctp-tunneling 9899/udp    SCTP TUNNELING
iua           9900/tcp    IUA
iua           9900/udp    IUA
iua           9900/sctp  IUA
#              Lyndon Ong <Lyong@ciena.com>
enrp          9901/udp    enrp server channel
enrp-sctp    9901/sctp    enrp server channel
#              Lyndon Ong <lyong@ciena.com> June 2006
enrp-sctp-tls 9902/sctp    enrp/tls server channel
#              Lyndon Ong <lyong@ciena.com> June 2006
#              9903-9908  Unassigned
domaintime   9909/tcp    domaintime
domaintime   9909/udp    domaintime
#              Jeffry Dwight <jeffryd@greyware.com>
#              9910      Unassigned
syype-transport 9911/tcp    SYPECom Transport Protocol
syype-transport 9911/udp    SYPECom Transport Protocol
#              Sylvain Pedneault <sylvain@syypecom.qc.ca> March 2003
#              9912-9949  Unassigned
apc-9950     9950/tcp    APC 9950
apc-9950     9950/udp    APC 9950
apc-9951     9951/tcp    APC 9951
apc-9951     9951/udp    APC 9951
apc-9952     9952/tcp    APC 9952
apc-9952     9952/udp    APC 9952
#              American Power Conversion <ports@apcc.com>
acis         9953/tcp    9953
acis         9953/udp    9953
#              Thomas Guth <t.guth@zeiss.de> January 2006
#              9954-9965  Unassigned
odnsp        9966/tcp    OKI Data Network Setting Protocol
odnsp        9966/udp    OKI Data Network Setting Protocol
#              Masato Sato <satou203@oki.com> May 2006
#              9967-9986  Unassigned
dsm-scm-target 9987/tcp    DSM/SCM Target Interface
dsm-scm-target 9987/udp    DSM/SCM Target Interface
#              Mike Dyslin <mike.dyslin@hp.com> August 2006
#              9988-9989  Unassigned
osm-appsrvr  9990/tcp    OSM Applet Server
osm-appsrvr  9990/udp    OSM Applet Server
#              Vinay Gupta <vinay.gupta@hp.com> August 2003
osm-oev      9991/tcp    OSM Event Server

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osm-oev          9991/udp    OSM Event Server
#               Vinay Gupta <vinay.gupta@hp.com> August 2003
palace-1        9992/tcp    OnLive-1
palace-1        9992/udp    OnLive-1
palace-2        9993/tcp    OnLive-2
palace-2        9993/udp    OnLive-2
palace-3        9994/tcp    OnLive-3
palace-3        9994/udp    OnLive-3
palace-4        9995/tcp    Palace-4
palace-4        9995/udp    Palace-4
palace-5        9996/tcp    Palace-5
palace-5        9996/udp    Palace-5
palace-6        9997/tcp    Palace-6
palace-6        9997/udp    Palace-6
#               Douglas Crockford <crock@communities.com>
distinct32      9998/tcp    Distinct32
distinct32      9998/udp    Distinct32
distinct        9999/tcp    distinct
distinct        9999/udp    distinct
#               Anoop Tewari <anoop@next.distinct.com>
ndmp            10000/tcp   Network Data Management Protocol
ndmp            10000/udp   Network Data Management Protocol
#               Brian Ehrmantraut <bae@netapp.com>
scp-config      10001/tcp   SCP Configuration Port
scp-config      10001/udp   SCP Configuration Port
#               Brad Strand <brad.strand@3ware.com>
#               10002-10006 Unassigned
mvs-capacity    10007/tcp   MVS Capacity
mvs-capacity    10007/udp   MVS Capacity
#               Donna Dillenberger <engd@us.ibm.com>
octopus         10008/tcp   Octopus Multiplexer
octopus         10008/udp   Octopus Multiplexer
#               Chris Koeritz <fred@gruntose.com> October 2002
swdtp-sv        10009/tcp   Systemwalker Desktop Patrol
swdtp-sv        10009/udp   Systemwalker Desktop Patrol
#               Akira Ide <ide.akira@jp.fujitsu.com> March 2006
#               10010-10049 Unassigned
zabbix-agent    10050/tcp   Zabbix Agent
zabbix-agent    10050/udp   Zabbix Agent
zabbix-trapper  10051/tcp   Zabbix Trapper
zabbix-trapper  10051/udp   Zabbix Trapper
#               Alexei Vladishev <alexei.vladishev@zabbix.com> February
2006
#               10052-10079 Unassigned
amanda          10080/tcp   Amanda
amanda          10080/udp   Amanda
#               John Jackson <jrj@gandalf.cc.purdue.edu>
#               <amanda-core@amanda.org>
famdc           10081/tcp   FAM Archive Server
famdc           10081/udp   FAM Archive Server
#               Frode Randers <Frode.Randers@tietoenator.com> January 2006
#               10082-10099 Unassigned
itap-ddtp       10100/tcp   VERITAS ITAP DDTP
itap-ddtp       10100/udp   VERITAS ITAP DDTP
#               Saugata Guha <sguha@veritas.com> May 2004
ezmeeting-2     10101/tcp   eZmeeting
ezmeeting-2     10101/udp   eZmeeting

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ezproxy-2      10102/tcp  eZproxy
ezproxy-2      10102/udp  eZproxy
ezrelay        10103/tcp  eZrelay
ezrelay        10103/udp  eZrelay
#              Albert C. Yang <albert.yang@eZmeeting.com> March
2002
swdtp          10104/tcp  Systemwalker Desktop Patrol
swdtp          10104/udp  Systemwalker Desktop Patrol
#              Akira Ide <ide.akira@jp.fujitsu.com> September 2006
#              10105-10106 Unassigned
bctp-server    10107/tcp  VERITAS BCTP, server
bctp-server    10107/udp  VERITAS BCTP, server
#              Saugata Guha <sguha@veritas.com> May 2004
#              10108-10112 Unassigned
netiq-endpoint 10113/tcp  NetIQ Endpoint
netiq-endpoint 10113/udp  NetIQ Endpoint
netiq-qcheck   10114/tcp  NetIQ Qcheck
netiq-qcheck   10114/udp  NetIQ Qcheck
#              John Wood <John.Wood@netiq.com>
netiq-endpt    10115/tcp  NetIQ Endpoint
netiq-endpt    10115/udp  NetIQ Endpoint
#              Gary Weichinger <gary.weichinger@netiq.com>
netiq-voipa    10116/tcp  NetIQ VoIP Assessor
netiq-voipa    10116/udp  NetIQ VoIP Assessor
#              Gary Weichinger <gary.weichinger@netiq.com>
#              10117-10127 Unassigned
bmc-perf-sd    10128/tcp  BMC-PERFORM-SERVICE DAEMON
bmc-perf-sd    10128/udp  BMC-PERFORM-SERVICE DAEMON
#              Portnoy Boxman <portnoy_boxman@bmc.com>
#              10129-10159 Unassigned
qb-db-server   10160/tcp  QB Database Server
qb-db-server   10160/udp  QB Database Server
#              Wei Wang <wweiwang@intuit.com> November 2005
#              10161-10199 Unassigned
trisoap        10200/tcp  Trigence AE Soap Service
trisoap        10200/udp  Trigence AE Soap Service
#              Brigitte Gagne <bgagne@trigence.com> August 2006
#              10201-10251 Unassigned
apollo-relay   10252/tcp  Apollo Relay Port
apollo-relay   10252/udp  Apollo Relay Port
#              Anthony Carrabino <anthony@vistasoftware.com>
August 2003
#              10253-10259 Unassigned
axis-wimp-port 10260/tcp  Axis WIMP Port
axis-wimp-port 10260/udp  Axis WIMP Port
#              Stefan Eriksson <contact-iana@axis.com>
#              10261-10287 Unassigned
blocks         10288/tcp  Blocks
blocks         10288/udp  Blocks
#              Carl Malamud
#              10289-10799 Unassigned
gap            10800/tcp  Gestor de Acaparamiento para Pocket PCs
gap            10800/udp  Gestor de Acaparamiento para Pocket PCs
#              Juan Carlos Olivares Rojas <jcolivares04c@cenidet.edu.mx>
March 2006
#              10801-10804 Unassigned
lpdg          10805/tcp  LUCIA Pareja Data Group

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lpdg      10805/udp  LUCIA Pareja Data Group
#          Alvaro P. Dominguez <alpado@gmail.com> February 2006
#          10806-10989 Unassigned
rmiaux    10990/tcp  Auxiliary RMI Port
rmiaux    10990/udp  Auxiliary RMI Port
#          Eugen Bacic <eugen@texar.com>
#          10991-10999 Unassigned
irisa     11000/tcp  IRISA
irisa     11000/udp  IRISA
#          V.A. Brauner <info@datamedia.fr>
metasys   11001/tcp  Metasys
metasys   11001/udp  Metasys
#          Tobin Schuster <tobin.j.schuster@jci.com>
#          11002-11110 Unassigned
vce       11111/tcp  Viral Computing Environment (VCE)
vce       11111/udp  Viral Computing Environment (VCE)
#          Fred Cohen <fc@all.net>
dicom     11112/tcp  DICOM
dicom     11112/udp  DICOM
#          David Clunie <dclunie@dclunie.com> August 2005
#          11113-11160 Unassigned
suncacao-snmpp 11161/tcp  sun cacao snmp access point
suncacao-snmpp 11161/udp  sun cacao snmp access point
suncacao-jmxmp 11162/tcp  sun cacao JMX-remoting access point
suncacao-jmxmp 11162/udp  sun cacao JMX-remoting access point
suncacao-rmi   11163/tcp  sun cacao rmi registry access point
suncacao-rmi   11163/udp  sun cacao rmi registry access point
suncacao-csa   11164/tcp  sun cacao command-streaming access point
suncacao-csa   11164/udp  sun cacao command-streaming access point
suncacao-websvc 11165/tcp  sun cacao web service access point
suncacao-websvc 11165/udp  sun cacao web service access point
#          Nick Stephen <nick.stephen@sun.com> August 2005
#          11166-11200 Unassigned
smsqpp      11201/tcp  smsqpp
smsqpp      11201/udp  smsqpp
#          Andres Seco Hernandez <AndresSH@alamin.org>
#          11202-11207 Unassigned
wifree     11208/tcp  WiFree Service
wifree     11208/udp  WiFree Service
#          Jose Luis Martin Peinado <jooe@wifree-project.net> March
2006
#          11209-11318 Unassigned
imip       11319/tcp  IMIP
imip       11319/udp  IMIP
#          IM Unified Coalition, Len Zuvela
#          <imu-comments@egroups.com>
imip-channels 11320/tcp  IMIP Channels Port
imip-channels 11320/udp  IMIP Channels Port
#          Len Zuvela <lenz@microsoft.com>
arena-server 11321/tcp  Arena Server Listen
arena-server 11321/udp  Arena Server Listen
#          Earl Brannigan <earl.brannigan@lindenhou.co.uk>
#          11322-11366 Unassigned
atm-uhas   11367/tcp  ATM UHAS
atm-uhas   11367/udp  ATM UHAS
#          Todd Barker <toddba@attachmate.com>
#          11368-11370 Unassigned

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hkp                11371/tcp    OpenPGP HTTP Keyserver
hkp                11371/udp    OpenPGP HTTP Keyserver
#                 David Shaw <dshaw@jabberwocky.com> May 2003
#                 11372-11599 Unassigned
tempest-port      11600/tcp    Tempest Protocol Port
tempest-port      11600/udp    Tempest Protocol Port
#                 Francis Cianfrocca <francis@tempest.com>
#                 11601-11719 Unassigned
h323callsigalt    11720/tcp    h323 Call Signal Alternate
h323callsigalt    11720/udp    h323 Call Signal Alternate
#                 Chris White <cjwhite@cisco.com>
#                 11721-11750 Unassigned
intrepid-ssl      11751/tcp    Intrepid SSL
intrepid-ssl      11751/udp    Intrepid SSL
#                 Robert Eden <reden@sieglertech.com> March 2003
#                 11752-11966 Unassigned
sysinfo-sp        11967/tcp    SysInfo Service Protocol
sysinfo-sp        11967/udp    SysInfo Sercice Protocol
#                 Mike Cooper <mcooper@magnicomp.com> March 2003
#                 11968-11996 Unassigned
wmereceiving      11997/sctp   WorldMailExpress
wmedistribution   11998/sctp   WorldMailExpress
wmereporting      11999/sctp   WorldMailExpress
#                 Greg Foutz <gregf@adminovation.com> March 2006
entextxid 12000/tcp  IBM Enterprise Extender SNA XID Exchange
entextxid 12000/udp  IBM Enterprise Extender SNA XID Exchange
entextnetwk 12001/tcp  IBM Enterprise Extender SNA COS Network Priority
entextnetwk 12001/udp  IBM Enterprise Extender SNA COS Network Priority
entexthigh 12002/tcp  IBM Enterprise Extender SNA COS High Priority
entexthigh 12002/udp  IBM Enterprise Extender SNA COS High Priority
entextmed 12003/tcp  IBM Enterprise Extender SNA COS Medium Priority
entextmed 12003/udp  IBM Enterprise Extender SNA COS Medium Priority
entextlow 12004/tcp  IBM Enterprise Extender SNA COS Low Priority
entextlow 12004/udp  IBM Enterprise Extender SNA COS Low Priority
#                 Eugene Cox <genecox@raleigh.ibm.com>
dbisamserver1 12005/tcp  DBISAM Database Server - Regular
dbisamserver1 12005/udp  DBISAM Database Server - Regular
dbisamserver2 12006/tcp  DBISAM Database Server - Admin
dbisamserver2 12006/udp  DBISAM Database Server - Admin
#                 Tim Young <timyoung@elevatesoft.com> May 2002
accuracer      12007/tcp  Accuracer Database System ñ Server
accuracer      12007/udp  Accuracer Database System ñ Server
accuracer-dbms 12008/tcp  Accuracer Database System ñ Admin
accuracer-dbms 12008/udp  Accuracer Database System ñ Admin
#                 Alexander V. Ivanov <support@aidaim.com> December
2004
#                 12009-12011 Unassigned
vipera         12012/tcp  Vipera Messaging Service
vipera         12012/udp  Vipera Messaging Service
#                 Silvano Maffeis <maffeis@acm.org> August 2005
#                 12013-12108 Unassigned
rets-ssl      12109/tcp  RETS over SSL
rets-ssl      12109/udp  RETS over SSL
#                 Bruce Toback <btoback@optc.com> February 2003
#                 12110-12120 Unassigned
nupaper-ss    12121/tcp  NuPaper Session Service
nupaper-ss    12121/udp  NuPaper Session Service

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#                               David Warden <warden@nupaper.com> November 2005
#                               12122-12167 Unassigned
cawas                           12168/tcp  CA Web Access Service
cawas                           12168/udp  CA Web Access Service
#                               Jon Press <IANA.Registions@ca.com> August 2005
#                               12169-12171 Unassigned
hivep                           12172/tcp  HiveP
hivep                           12172/udp  HiveP
#                               Dick Augustsson <dick@skenbe.net>
#                               12173-12299 Unassigned
linogridengine                  12300/tcp  LinoGrid Engine
linogridengine                  12300/udp  LinoGrid Engine
#                               Frans Lundberg <frans@linova.com> November 2004
#                               12301-12320 Unassigned
warehouse-sss                   12321/tcp  Warehouse Monitoring Syst SSS
warehouse-sss                   12321/udp  Warehouse Monitoring Syst SSS
warehouse                       12322/tcp  Warehouse Monitoring Syst
warehouse                       12322/udp  Warehouse Monitoring Syst
#                               Craig Steffen <csteffen@ncsa.uiuc.edu> August 2005
#                               12323-12344 Unassigned
italk                           12345/tcp  Italk Chat System
italk                           12345/udp  Italk Chat System
#                               Takayuki Ito <yuki@euc.jp>
#                               12346-12752 Unassigned
tsaf                            12753/tcp  tsaf port
tsaf                            12753/udp  tsaf port
#                               Andreas Fehr <andreas@mrs.ch>
#                               12754-13159 Unassigned
i-zipqd                         13160/tcp  I-ZIPQD
i-zipqd                         13160/udp  I-ZIPQD
#                               Chuck Runquist <crunquist@quarterdeck.com>
#                               13161-13222 Unassigned
powwow-client                   13223/tcp  PowWow Client
powwow-client                   13223/udp  PowWow Client
powwow-server                   13224/tcp  PowWow Server
powwow-server                   13224/udp  PowWow Server
#                               Paul K. Peterson <paul@tribal.com>
#                               13225-13719 Unassigned
bprd                            13720/tcp  BPRD Protocol (VERITAS NetBackup)
bprd                            13720/udp  BPRD Protocol (VERITAS NetBackup)
bpdbm                           13721/tcp  BPDBM Protocol (VERITAS NetBackup)
bpdbm                           13721/udp  BPDBM Protocol (VERITAS NetBackup)
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
bpjava-msvc                     13722/tcp  BP Java MSVC Protocol
bpjava-msvc                     13722/udp  BP Java MSVC Protocol
#                               Tim Schmidt <Tim.Schmidt@veritas.com>
#                               13723 Unassigned
vnetd                           13724/tcp  Veritas Network Utility
vnetd                           13724/udp  Veritas Network Utility
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#                               13725-13781 Unassigned
bpcd                            13782/tcp  VERITAS NetBackup
bpcd                            13782/udp  VERITAS NetBackup
vopied                          13783/tcp  VOPIED Protocol
vopied                          13783/udp  VOPIED Protocol
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#                               13784 Unassigned

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nbdb          13785/tcp   NetBackup Database
nbdb          13785/udp   NetBackup Database
#            Pat Tovo <pat.tovo@veritas.com> December 2004
nomdb        13786/tcp   Veritas-nomdb
nomdb        13786/udp   Veritas-nomdb
#            Clayton Haapala <clay.haapala@veritas.com> August
2005
#            13787-13817 Unassigned
dsmcc-config 13818/tcp   DSMCC Config
dsmcc-config 13818/udp   DSMCC Config
dsmcc-session 13819/tcp   DSMCC Session Messages
dsmcc-session 13819/udp   DSMCC Session Messages
dsmcc-passthru 13820/tcp   DSMCC Pass-Thru Messages
dsmcc-passthru 13820/udp   DSMCC Pass-Thru Messages
dsmcc-download 13821/tcp   DSMCC Download Protocol
dsmcc-download 13821/udp   DSMCC Download Protocol
dsmcc-ccp 13822/tcp   DSMCC Channel Change Protocol
dsmcc-ccp 13822/udp   DSMCC Channel Change Protocol
#            Tim Addington <Tim.Addington@sciatl.com>
#            ISO/IEC 13818-6 MPEG-2 DSM-CC
#            13823-14000 Unassigned
sua          14001/tcp   SUA
sua          14001/udp   De-Registered (2001 June 06)
sua          14001/sctp   SUA
#            Miguel Angel Garcia <Miguel.A.Garcia@ericsson.com>
#            14002-14032 Unassigned
sage-best-com1 14033/tcp   sage Best! Config Server 1
sage-best-com1 14033/udp   sage Best! Config Server 1
sage-best-com2 14034/tcp   sage Best! Config Server 2
sage-best-com2 14034/udp   sage Best! Config Server 2
#            Christian Rubach <Christian_Rubach@bestsoftware.com>
#            14035-14140 Unassigned
vcs-app       14141/tcp   VCS Application
vcs-app       14141/udp   VCS Application
#            Ming Xu <ming@veritas.com>
icpp          14142/tcp   IceWall Cert Protocol
icpp          14142/udp   IceWall Cert Protocol
#            Tsutomu Fujinami <tsutomu.fujinami@hp.com> August
2005
#            14143-14144 Unassigned
gcm-app       14145/tcp   GCM Application
gcm-app       14145/udp   GCM Application
#            Ming Xu <ming@veritas.com>
#            14146-14148 Unassigned
vrts-tdd      14149/tcp   Veritas Traffic Director
vrts-tdd      14149/udp   Veritas Traffic Director
#            Sameer Deokule <sameer.deokule@veritas.com> March
2002
#            14150-14153 Unassigned
vad           14154/tcp   Veritas Application Director
vad           14154/udp   Veritas Application Director
#            Rajeev Verma <rajeev_verma@symantec.com> February 2006
#            14155-14413 Unassigned
ca-web-update 14414/tcp   CA eTrust Web Update Service
ca-web-update 14414/udp   CA eTrust Web Update Service
#            Robert Ciochon <robert.ciochon@ca.com> August 2006
#            14415-14935 Unassigned

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hde-lcesrvr-1 14936/tcp hde-lcesrvr-1
hde-lcesrvr-1 14936/udp hde-lcesrvr-1
hde-lcesrvr-2 14937/tcp hde-lcesrvr-2
hde-lcesrvr-2 14937/udp hde-lcesrvr-2
#
# Horizon Digital Enterprise, Inc. <info@hde.co.jp>
# 14938-14999 Unassigned
hydap 15000/tcp Hypack Data Aquisition
hydap 15000/udp Hypack Data Aquisition
#
# Mircea Neacsu <mircea@videotron.ca>
# 15001-15344 Unassigned
xpilot 15345/tcp XPilot Contact Port
xpilot 15345/udp XPilot Contact Port
#
# Bert Gijsbers <bert@xpilot.org>
# 15346-15362 Unassigned
3link 15363/tcp 3Link Negotiation
3link 15363/udp 3Link Negotiation
#
# Brant Thomsen <brant_thomsen@3com.com> January 2003
# 15364-15554 Unassigned
cisco-snat 15555/tcp Cisco Stateful NAT
cisco-snat 15555/udp Cisco Stateful NAT
#
# Kaushik Biswas <kbiswas@cisco.com> March 2006
# 15556-15739 Unassigned
ptp 15740/tcp Picture Transfer Protocol
ptp 15740/udp Picture Transfer Protocol
#
# Petronel Bigioi <petronel@fotonation.com> November
2004
# 15741-16160 Unassigned
sun-sea-port 16161/tcp Solaris SEA Port
sun-sea-port 16161/udp Solaris SEA Port
#
# Dana Porter <dana.porter@sun.com> October 2003
# 16162-16308 Unassigned
etb4j 16309/tcp etb4j
etb4j 16309/udp etb4j
#
# Christopher R. Smith <csmith4@us.ibm.com> November
2004
pduncs 16310/tcp Policy Distribute, Update Notification
pduncs 16310/udp Policy Distribute, Update Notification
#
# Diane I. Shannon <shannond@us.ibm.com> August 2006
# 16311-16359 Unassigned
netserialext1 16360/tcp netserialext1
netserialext1 16360/udp netserialext1
netserialext2 16361/tcp netserialext2
netserialext2 16361/udp netserialext2
#
# Mike Hoy <mhoy@aquilagroup.com>
# 16362-16366 Unassigned
netserialext3 16367/tcp netserialext3
netserialext3 16367/udp netserialext3
netserialext4 16368/tcp netserialext4
netserialext4 16368/udp netserialext4
#
# Mike Hoy <mhoy@aquilagroup.com>
# 16369-16383 Unassigned
connected 16384/tcp Connected Corp
connected 16384/udp Connected Corp
#
# Nicole C. Ouellette <nouvellette@connected.com>
February 2004
# 16385-16949 Unassigned
sgcip 16950/tcp Simple Generic Client Interface Protocol

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sgcip          16950/udp  Simple Generic Client Interface Protocol
#              John Aquilino <john.aquilino@maryville.com>
#              16951-16990 Unassigned
intel-rci-mp   16991/tcp  INTEL-RCI-MP
intel-rci-mp   16991/udp  INTEL-RCI-MP
#              Jane Dashevsky <jane.dashevsky@intel.com>
amt-soap-http  16992/tcp  Intel(R) AMT SOAP/HTTP
amt-soap-http  16992/udp  Intel(R) AMT SOAP/HTTP
amt-soap-https 16993/tcp  Intel(R) AMT SOAP/HTTPS
amt-soap-https 16993/udp  Intel(R) AMT SOAP/HTTPS
#              David T. Hines <david.hines@intel.com> February
2005
amt-redirect-tcp 16994/tcp  Intel(R) AMT Redirection/TCP
amt-redirect-tcp 16994/udp  Intel(R) AMT Redirection/TCP
amt-redirect-tls 16995/tcp  Intel(R) AMT Redirection/TLS
amt-redirect-tls 16995/udp  Intel(R) AMT Redirection/TLS
#              Nimrod Diamant <nimrod.diamant@intel.com> February
2005
#              16996-17006 Unassigned
isode-dua      17007/tcp
isode-dua      17007/udp
#              17008-17184 Unassigned
soundsvirtual  17185/tcp  Sounds Virtual
soundsvirtual  17185/udp  Sounds Virtual
#              Richard Snider <rsnider@sounds.com>
#              17186-17218 Unassigned
chipper        17219/tcp  Chipper
chipper        17219/udp  Chipper
#              Ronald Jimmink <Ronald.Jimmink@chipper.nl>
#              17220-17234 Unassigned
ssh-mgmt       17235/tcp  SSH Tectia Manager
ssh-mgmt       17235/udp  SSH Tectia Manager
#              Ville Laurikari <vlaurika@ssh.com> August 2005
#              17236-17728 Unassigned
ea             17729/tcp  Eclipse Aviation
ea             17729/udp  Eclipse Aviation
#              William Schmidt <info@eclipseaviation.com> March 2006
#              17730-17753 Unassigned
zep            17754/tcp  Encap. ZigBee Packets
zep            17754/udp  Encap. ZigBee Packets
#              Fred Fierling <fff@exegin.com> February 2006
zigbee-ip      17755/tcp  ZigBee IP Transport Service
zigbee-ip      17755/udp  ZigBee IP Transport Service
zigbee-ips     17756/tcp  ZigBee IP Transport Secure Service
zigbee-ips     17756/udp  ZigBee IP Transport Secure Service
#              Chris Herzog <zog@stg.com> May 2006
#              17757-17999 Unassigned
biimenu        18000/tcp  Beckman Instruments, Inc.
biimenu        18000/udp  Beckman Instruments, Inc.
#              R. L. Meyering <RLMEYERING@BIIIVAX.DP.BECKMAN.COM>
#              18001-18180 Unassigned
opsec-cvp      18181/tcp  OPSEC CVP
opsec-cvp      18181/udp  OPSEC CVP
opsec-ufp      18182/tcp  OPSEC UFP
opsec-ufp      18182/udp  OPSEC UFP
#              Alon Kantor <alonk@checkpoint.com>
opsec-sam      18183/tcp  OPSEC SAM

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opsec-sam      18183/udp  OPSEC SAM
opsec-lea      18184/tcp  OPSEC LEA
opsec-lea      18184/udp  OPSEC LEA
opsec-omi      18185/tcp  OPSEC OMI
opsec-omi      18185/udp  OPSEC OMI
#              Alon Kantor <alonk@checkpoint.com>
ohsc           18186/tcp  Occupational Health SC
ohsc           18186/udp  Occupational Health Sc
#              David Fudge <david.fudge@tssi.co.uk> August 2003
opsec-ela      18187/tcp  OPSEC ELA
opsec-ela      18187/udp  OPSEC ELA
#              Alon Kantor <alonk@checkpoint.com>
#              18188-18240 Unassigned
checkpoint-rtm 18241/tcp  Check Point RTM
checkpoint-rtm 18241/udp  Check Point RTM
#              Dudi Hazan <dudi@checkpoint.com>
#              18242-18462 Unassigned
ac-cluster     18463/tcp  AC Cluster
ac-cluster     18463/udp  AC Cluster
#              Lisa Zhong <lzhong@cup.hp.com>
#              18464-18768 Unassigned
ique           18769/tcp  IQue Protocol
ique           18769/udp  IQue Protocol
#              Avi Drissman <ique-protocol@harrisbaseview.com> July
2002
#              18770-18880 Unassigned
infotos        18881/tcp  Infotos
infotos        18881/udp  Infotos
#              Marcel Dube <marceldube@videotron.ca> November 2004
#              18882-18887 Unassigned
apc-necmp      18888/tcp  APCNECMP
apc-necmp      18888/udp  APCNECMP
#              Michael Yip <Michael.Yip@alcatel.com>
#              18889-19899 Unassigned
igrid          19000/tcp  iGrid Server
igrid          19000/udp  iGrid Server
#              Massimo Cafaro <massimo.cafaro@unile.it> November
2004
#              19001-19190 Unassigned
opsec-uaa      19191/tcp  OPSEC UAA
opsec-uaa      19191/udp  OPSEC UAA
#              Reuven Harrison <rnd_ana@checkpoint.com>
#              19192-19193 Unassigned
ua-secureagent 19194/tcp  UserAuthority SecureAgent
ua-secureagent 19194/udp  UserAuthority SecureAgent
#              Reuven Harrison <rharrison@checkpoint.com> January
2003
#              19195-19282 Unassigned
keysrvr        19283/tcp  Key Server for SASSAFRAS
keysrvr        19283/udp  Key Server for SASSAFRAS
#              Mark Valence <kurash@sassafras.com>
#              19284-19314 Unassigned
keyshadow      19315/tcp  Key Shadow for SASSAFRAS
keyshadow      19315/udp  Key Shadow for SASSAFRAS
#              Mark Valence <kurash@sassafras.com>
#              19316-19397 Unassigned
mtrgtrans      19398/tcp  mtrgtrans

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mtrgtrans      19398/udp  mtrgtrans
#              Katsuhito Muroi <muroi@pfu.co.jp>
#              19399-19409 Unassigned
hp-sco         19410/tcp  hp-sco
hp-sco         19410/udp  hp-sco
hp-sca         19411/tcp  hp-sca
hp-sca         19411/udp  hp-sca
#              Larry Schwartz <lrs@cup.hp.com>
hp-sessmon     19412/tcp  HP-SESSMON
hp-sessmon     19412/udp  HP-SESSMON
#              Gita Murthy <gita@cup.hp.com>
#              19413-19538 Unassigned
fxuftp         19539/tcp  FXUFTP
fxuftp         19539/udp  FXUFTP
#              Keiji Okuma <okuma@silex.jp> August 2005
sxuftp         19540/tcp  SXUFTP
sxuftp         19540/udp  SXUFTP
#              Keiji Okuma <okuma@silex.jp> August 2002
jcp            19541/tcp  JCP Client
jcp            19541/udp  JCP Client
#              Yuji Sasaki <sasaki@silex.jp>
#              19542-19999 Unassigned
dnp            20000/tcp  DNP
dnp            20000/udp  DNP
#              Michael Thesing <michael.thesing@acsatlanta.com>
microsan       20001/tcp  MicroSAN
microsan       20001/udp  MicroSAN
#              Thomas E. Ludwig <tom.ludwig@zetera.com> February
2004
commtact-http  20002/tcp  Commtact HTTP
commtact-http  20002/udp  Commtact HTTP
commtact-https 20003/tcp  Commtact HTTPS
commtact-https 20003/udp  Commtact HTTPS
#              Tomas Svoboda <svoboda@infima.cz> December 2004
#              20004-20013 Unassigned
opendeploy     20014/tcp  OpenDeploy Listener
opendeploy     20014/udp  OpenDeploy Listener
#              Todd Scallan <tscallan@interwoven.com> August 2005
#              20015-20033 Unassigned
nburn_id       20034/tcp  NetBurner ID Port
nburn_id       20034/udp  NetBurner ID Port
#              Paul Breed <paul@netburner.com> November 2003
#              20035-20166 Unassigned
tolfab         20167/tcp  TOLfab Data Change
tolfab         20167/udp  TOLfab Data Change
#              Pierre Couderc <pcouderc@tol.fr> March 2006
#              20168-20201 Unassigned
ipdtp-port     20202/tcp  IPD Tunneling Port
ipdtp-port     20202/udp  IPD Tunneling Port
#              Vikki Yin Wei <vikki@ipdynamics.com> January 2003
#              20203-20221 Unassigned
ipulse-ics     20222/tcp  iPulse-ICS
ipulse-ics     20222/udp  iPulse-ICS
#              Meggie Garica-Woodruff <ipulse@ericsson.com>
#              20223-20669 Unassigned
track          20670/tcp  Track
track          20670/udp  Track

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#           Michael Sweet <msweet@ctr.nawcad.navy.mil>
#           20671-20998 Unassigned
athand-mmp 20999/tcp  At Hand MMP
athand-mmp 20999/udp AT Hand MMP
#           Stepan Riha <stepan.riha@hand.com>
#           20300-20999 Unassigned
irtrans    21000/tcp  IRTrans Control
irtrans    21000/udp  IRTrans Control
#           Marcus Mueller <marcus@irtrans.de> November 2004
#           21001-21553 Unassigned
dfserver   21554/tcp  MineScape Design File Server
dfserver   21554/udp  MineScape Design File Server
#           Michael Purser <mrp@mincom.com> June 2006
#           21555-21589 Unassigned
vofr-gateway 21590/tcp  VoFR Gateway
vofr-gateway 21590/udp  VoFR Gateway
#           Marty Borden <mborden@tollbridgetech.com>
#           21591-21799 Unassigned
tvpm       21800/tcp  TVNC Pro Multiplexing
tvpm       21800/udp  TVNC Pro Multiplexing
#           Brian Blevins <brian.blevins@tridia.com>
#           21801-21844 Unassigned
webphone   21845/tcp  webphone
webphone   21845/udp  webphone
netspeak-is 21846/tcp  NetSpeak Corp. Directory Services
netspeak-is 21846/udp  NetSpeak Corp. Directory Services
netspeak-cs 21847/tcp  NetSpeak Corp. Connection Services
netspeak-cs 21847/udp  NetSpeak Corp. Connection Services
netspeak-acd 21848/tcp  NetSpeak Corp. Automatic Call Distribution
netspeak-acd 21848/udp  NetSpeak Corp. Automatic Call Distribution
netspeak-cps 21849/tcp  NetSpeak Corp. Credit Processing System
netspeak-cps 21849/udp  NetSpeak Corp. Credit Processing System
#           Toby Hosterman <root@netspeak.com>
#           21850-21999 Unassigned
snapenetio 22000/tcp  SNAPenetIO
snapenetio 22000/udp  SNAPenetIO
optocontrol 22001/tcp  OptoControl
optocontrol 22001/udp  OptoControl
#           Kevin Kuhns <kkuhns@opto22.com>
optohost002 22002/tcp  Opto Host Port 2
optohost002 22002/udp  Opto Host Port 2
optohost003 22003/tcp  Opto Host Port 3
optohost003 22003/udp  Opto Host Port 3
optohost004 22004/tcp  Opto Host Port 4
optohost004 22004/udp  Opto Host Port 4
optohost004 22005/tcp  Opto Host Port 5
optohost004 22005/udp  Opto Host Port 5
#           Doug Leany <DLEANY@Opto22.com> September 2006
#           22006-22272 Unassigned
wnn6       22273/tcp  wnn6
wnn6       22273/udp  wnn6
#           Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
#           22274-22554 Unassigned
vocaltec-wconf 22555/tcp  Vocaltec Web Conference
vocaltec-phone 22555/udp  Vocaltec Internet Phone
#           Scott Petrack <Scott_Petrack@vocaltec.com>
#           22556-22762 Unassigned

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talikaserver      22763/tcp  Talika Main Server
talikaserver      22763/udp  Talika Main Server
#                  Laxman C. Marathe <lcmarathe@thomsonpress.com> December
2006
#                  22764-22799 Unassigned
aws-brf           22800/tcp  Telerate Information Platform LAN
aws-brf           22800/udp  Telerate Information Platform LAN
#                  Timo Sivonen <timo.sivonen@ccmail.dowjones.com>
#                  22801-22950 Unassigned
brf-gw            22951/tcp  Telerate Information Platform WAN
brf-gw            22951/udp  Telerate Information Platform WAN
#                  Timo Sivonen <timo.sivonen@ccmail.dowjones.com>
#                  22952-22999 Unassigned
inovaport1 23000/tcp  Inova LightLink Server Type 1
inovaport1 23000/udp  Inova LightLink Server Type 1
inovaport2 23001/tcp  Inova LightLink Server Type 2
inovaport2 23001/udp  Inova LightLink Server Type 2
inovaport3 23002/tcp  Inova LightLink Server Type 3
inovaport3 23002/udp  Inova LightLink Server Type 3
inovaport4 23003/tcp  Inova LightLink Server Type 4
inovaport4 23003/udp  Inova LightLink Server Type 4
inovaport5 23004/tcp  Inova LightLink Server Type 5
inovaport5 23004/udp  Inova LightLink Server Type 5
inovaport6 23005/tcp  Inova LightLink Server Type 6
inovaport6 23005/udp  Inova LightLink Server Type 6
#                  Chris Koeritz <portmanager@inovasolutions.com> October 2006
#                  23006-23399 Unassigned
novar-dbase       23400/tcp  Novar Data
novar-dbase       23400/udp  Novar Data
novar-alarm       23401/tcp  Novar Alarm
novar-alarm       23401/udp  Novar Alarm
novar-global      23402/tcp  Novar Global
novar-global      23402/udp  Novar Global
#                  Keith Kilroy <Keith.Kilroy@novarcontrols.com> February 2006
#                  23403-23999 Unassigned
med-ltp           24000/tcp  med-ltp
med-ltp           24000/udp  med-ltp
med-fsp-rx        24001/tcp  med-fsp-rx
med-fsp-rx        24001/udp  med-fsp-rx
med-fsp-tx        24002/tcp  med-fsp-tx
med-fsp-tx        24002/udp  med-fsp-tx
med-supp          24003/tcp  med-supp
med-supp          24003/udp  med-supp
med-ovw           24004/tcp  med-ovw
med-ovw           24004/udp  med-ovw
med-ci            24005/tcp  med-ci
med-ci            24005/udp  med-ci
med-net-svc       24006/tcp  med-net-svc
med-net-svc       24006/udp  med-net-svc
#                  Juergen Fischbach <juergen.fischbach@philips.com>
#                  24007-24241 Unassigned
filesphere        24242/tcp  fileSphere
filesphere        24242/udp  fileSphere
#                  Carl Cedergren <asperon@home.se>
#                  24243-24320 Unassigned
ild               24321/tcp  Isolv Local Directory
ild               24321/udp  Isolv Local Directory

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#                               Mitchell Bass <mitch@integrasolv.com> August 2005
#                               24322-24248 Unassigned
vista-4gl                       24249/tcp Vista 4GL
vista-4gl                       24249/udp Vista 4GL
#                               Mark Itzcovitz <mji@vistacomp.com>
#                               24250-24385 Unassigned
intel_rci 24386/tcp Intel RCI
intel_rci 24386/udp Intel RCI
#                               Mark Lewis <mark.h.lewis@intel.com>
#                               24387-24553 Unassigned
binkp                           24554/tcp BINKP
binkp                           24554/udp BINKP
#                               Max Masyutin <max@ritlabs.com>
#                               24555-34676 Unassigned
flashfiler                     24677/tcp FlashFiler
flashfiler                     24677/udp FlashFiler
#                               Ben Oram <beno@turbopower.com>
proactivate                    24678/tcp Turbopower Proactivate
proactivate                    24678/udp Turbopower Proactivate
#                               Ben Oram <beno@turbopower.com>
#                               24679 Unassigned
tcc-http 24680/tcp TCC User HTTP Service
tcc-http 24680/udp TCC User HTTP Service
#                               Brian Kennedy <BrianK@TargetedConvergence.com> August 2006
#                               24681-24921 Unassigned
find                           24922/tcp Find Identification of Network Devices
find                           24922/udp Find Identification of Network Devices
#                               Jean-Paul Moreaux
#                               <jean-paul.moreaux@airbus.com>
#                               24923-24999 Unassigned
icl-twobase1                   25000/tcp icl-twobase1
icl-twobase1                   25000/udp icl-twobase1
icl-twobase2                   25001/tcp icl-twobase2
icl-twobase2                   25001/udp icl-twobase2
icl-twobase3                   25002/tcp icl-twobase3
icl-twobase3                   25002/udp icl-twobase3
icl-twobase4                   25003/tcp icl-twobase4
icl-twobase4                   25003/udp icl-twobase4
icl-twobase5                   25004/tcp icl-twobase5
icl-twobase5                   25004/udp icl-twobase5
icl-twobase6                   25005/tcp icl-twobase6
icl-twobase6                   25005/udp icl-twobase6
icl-twobase7                   25006/tcp icl-twobase7
icl-twobase7                   25006/udp icl-twobase7
icl-twobase8                   25007/tcp icl-twobase8
icl-twobase8                   25007/udp icl-twobase8
icl-twobase9                   25008/tcp icl-twobase9
icl-twobase9                   25008/udp icl-twobase9
icl-twobase10                  25009/tcp icl-twobase10
icl-twobase10                  25009/udp icl-twobase10
#                               J. A. (Tony) Sever <J.A.Sever@bra0119.wins.icl.co.uk>
#                               25010-25792 Unassigned
vocaltec-hos                   25793/tcp Vocaltec Address Server
vocaltec-hos                   25793/udp Vocaltec Address Server
#                               Scott Petrack <Scott_Petrack@vocaltec.com>
#                               25794-25899 Unassigned
tasp-net                       25900/tcp TASP Network Comm
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tasp-net      25900/udp  TASP Network Comm
#            Martin Ellis <martin@clanleagues.net> November 2004
niobserver   25901/tcp  NIObserver
niobserver   25901/udp  NIObserver
#            Roman Oliynyk <romano@netinst.com>
#            25902      Unassigned
niprobe      25903/tcp  NIProbe
niprobe      25903/udp  NIProbe
#            Roman Oliynyk <romano@netinst.com>
#            25904-25999 Unassigned
quake        26000/tcp  quake
quake        26000/udp  quake
#            Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
#            26001-26207 Unassigned
wnn6-ds      26208/tcp  wnn6-ds
wnn6-ds      26208/udp  wnn6-ds
#            Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
#            26209-26259 Unassigned
ezproxy      26260/tcp  eZproxy
ezproxy      26260/udp  eZproxy
ezmeeting    26261/tcp  eZmeeting
ezmeeting    26261/udp  eZmeeting
#            Albert C. Yang <albert.yang@eZmeeting.com>
k3software-svr 26262/tcp  K3 Software-Server
k3software-svr 26262/udp  K3 Software-Server
k3software-cli 26263/tcp  K3 Software-Client
k3software-cli 26263/udp  K3 Software-Client
#            Jim Baldrige <jimb@rpower.com>
#            26264      De-registered (6 April 2006)
#            26265-26485 Unassigned
exoline-tcp  26486/tcp  EXOline-TCP
exoline-udp  26486/udp  EXOline-UDP
#            Lars Mattsson <lars.mattsson@reginexomatic.com> May 2006
exoconfig    26487/tcp  EXOconfig
exoconfig    26487/udp  EXOconfig
#            Urban Fosseus <urban.fosseus@reginexomatic.com> May 2006
#            26488      Unassigned
exonet       26489/tcp  EXOnet
exonet       26489/udp  EXOnet
#            Urban Fosseus <urban.fosseus@reginexomatic.com> May 2006
#            26490-26999 Unassigned
flex-lm      27000-27009 FLEX LM (1-10)
#            Daniel Birns <daniel@globes.com>
#            27010-27344 Unassigned
imagepump    27345/tcp  ImagePump
imagepump    27345/udp  ImagePump
#            Richard Minner <xippix.com>
#            27346-27441 Unassigned
jesmsjc      27442/tcp  Job controller service
jesmsjc      27442/udp  Job controller service
#            Peter Coates <peter.coates@sun.com> April 2006
#            27443-27503 Unassigned
kopek-httphead 27504/tcp  Kopek HTTP Head Port
kopek-httphead 27504/udp  Kopek HTTP Head Port
#            Sten H. Danielsen <shd@kopek.net> July 2002
#            27505-27781 Unassigned
ars-vista    27782/tcp  ARS VISTA Application

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ars-vista      27782/udp  ARS VISTA Application
#              Spencer Teran <steran@ars.com> November 2004
#              27783-27998 Unassigned
tw-auth-key    27999/tcp  TW Authentication/Key Distribution and
tw-auth-key    27999/udp  Attribute Certificate Services
#              Alex Duncan <Alex.Duncan@sse.ie>
nxmlmd         28000/tcp  NX License Manager
nxmlmd         28000/udp  NX License Manager
#              Anthony Greatorex <greatore@ugs.com> November 2004
#              28001-28239 Unassigned
siemensgsm     28240/tcp  Siemens GSM
siemensgsm     28240/udp  Siemens GSM
#              David Anuszewski <david.anuszewski@siemens.com>
November 2004
#              28241-29166 Unassigned
otmp           29167/tcp  ObTools Message Protocol
otmp           29167/udp  ObTools Message Protocol
#              Paul Clark <paul@xmill.com> February 2006
#              29168-30000 Unassigned
pago-services1 30001/tcp  Pago Services 1
pago-services1 30001/udp  Pago Services 1
pago-services2 30002/tcp  Pago Services 2
pago-services2 30002/udp  Pago Services 2
#              Balduin Mueller-Platz
#              <balduin.mueller-platz@pago.de> March 2002
#              30003-30998 Unassigned
ovobs          30999/tcp  OpenView Service Desk Client
ovobs          30999/udp  OpenView Service Desk Client
#              Service Desk Product Manager <info@hp.com> May 2006
#              31000-31415 Unassigned
xqosd          31416/tcp  XQoS network monitor
xqosd          31416/udp  XQoS network monitor
#              Joe Elliott <joe@inetd.com> June 2002
#              31417-31456 Unassigned
tetrinet       31457/tcp  TetriNET Protocol
tetrinet       31457/udp  TetriNET Protocol
#              Emmanuel Bourg <smanux@lfjr.net> November 2004
#              31458-31619 Unassigned
lm-mon         31620/tcp  lm mon
lm-mon         31620/udp  lm mon
#              System Administrator <sysadmin@silvaco.com> June
2003
#              31621-31764 Unassigned
gamesmith-port 31765/tcp  GameSmith Port
gamesmith-port 31765/udp  GameSmith Port
#              Randy Thompson <thompr@earthlink.net> August 2002
#              31766-31947 Unassigned
iceedcp_tx     31948/tcp  Embedded Device Configuration Protocol TX
iceedcp_tx     31948/udp  Embedded Device Configuration Protocol TX
iceedcp_rx     31949/tcp  Embedded Device Configuration Protocol RX
iceedcp_rx     31949/udp  Embedded Device Configuration Protocol RX
#              Oliver Lewis <o.lewis@icerobotics.co.uk> August 2006
#              31950-32248 Unassigned
tldistproc60   32249/tcp  T1 Distributed Processor
tldistproc60   32249/udp  T1 Distributed Processor
#              Peter Beahan <peter_beahan@technologyonecorp.com>
November 2004

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# 32250-32482 Unassigned
apm-link 32483/tcp Access Point Manager Link
apm-link 32483/udp Access Point Manager Link
# Tony Diodato <tdiodato@cyprx.com> August 2005
# 32484-32634 Unassigned
sec-ntb-clnt 32635/tcp SecureNotebook-CLNT
sec-ntb-clnt 32635/udp SecureNotebook-CLNT
# Eric Cantineau <eric@securenotebook.com> November
2004
# 32636-32766 Unassigned
filenet-powstrm 32767/tcp FileNet BPM WS-ReliableMessaging Client
filenet-powstrm 32767/udp FileNet BPM WS-ReliableMessaging Client
# Chris Adkins <cadkins@filenet.com> August 2006
filenet-tms 32768/tcp Filenet TMS
filenet-tms 32768/udp Filenet TMS
filenet-rpc 32769/tcp Filenet RPC
filenet-rpc 32769/udp Filenet RPC
filenet-nch 32770/tcp Filenet NCH
filenet-nch 32770/udp Filenet NCH
# Daniel Whelan <dwhelan@filenet.com>
filenet-rmi 32771/tcp FileNET RMI
filenet-rmi 32771/udp FileNet RMI
# Chris Adkins <cadkins@filenet.com>
filenet-pa 32772/tcp FileNET Process Analyzer
filenet-pa 32772/udp FileNET Process Analyzer
# Chris Adkins <cadkins@filenet.com> January 2003
filenet-cm 32773/tcp FileNET Component Manager
filenet-cm 32773/udp FileNET Component Manager
# Chris Adkins <cadkins@filenet.com> August 2003
filenet-re 32774/tcp FileNET Rules Engine
filenet-re 32774/udp FileNET Rules Engine
# Chris Adkins <cadkins@filenet.com> August 2003
filenet-pch 32775/tcp Performance Clearinghouse
filenet-pch 32775/udp Performance Clearinghouse
# Tim Morgan <tmorgan@filenet.com> November 2005
filenet-peior 32776/tcp FileNET BPM IOR
filenet-peior 32776/udp FileNET BPM IOR
# Chris Adkins <cadkins@filenet.com> May 2006
filenet-obrok 32777/tcp FileNet BPM CORBA
filenet-obrok 32777/udp FileNet BPM CORBA
# Chris Adkins <cadkins@filenet.com> October 2006
# 32778-32895 Unassigned
idmgratm 32896/tcp Attachmate ID Manager
idmgratm 32896/udp Attachmate ID Manager
# George Gianelos <GeorgeGi@Attachmate.com> March
2003
# 32897-33330 Unassigned
diamondport 33331/tcp DiamondCentral Interface
diamondport 33331/udp DiamondCentral Interface
# Edward Browdy <ebrowdy@cryptek.com> July 2002
# 33332-33433 Unassigned
traceroute 33434/tcp traceroute use
traceroute 33434/udp traceroute use
# IANA <iana@iana.org>
# 33435-33655 Unassigned
snip-slave 33656/tcp SNIP Slave
snip-slave 33656/udp SNIP Slave

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#                               Dr. Chris Tucker <chris.tucker@ioltd.co.uk> August
2005
#                               33657-34248 Unassigned
turbonote-2                    34249/tcp    TurboNote Relay Server Default Port
turbonote-2                    34249/udp    TurboNote Relay Server Default Port
#                               Peter Hyde <peter@spis.co.nz>
#                               34250-34377 Unassigned
p-net-local                    34378/tcp    P-Net on IP local
p-net-local                    34378/udp    P-Net on IP local
#                               Kurt Nissen <kn@proces-data.com> February 2004
p-net-remote                   34379/tcp    P-Net on IP remote
p-net-remote                   34379/udp    P-Net on IP remote
#                               Kurt Nissen <kn@proces-data.com> February 2004
#                               34380-34961 Unassigned
profinet-rt                   34962/tcp    PROFInet RT Unicast
profinet-rt                   34962/udp    PROFInet RT Unicast
profinet-rtm                  34963/tcp    PROFInet RT Multicast
profinet-rtm                  34963/udp    PROFInet RT Multicast
profinet-cm                   34964/tcp    PROFInet Context Manager
profinet-cm                   34964/udp    PROFInet Context Manager
#                               Peter Wenzel <Peter.Wenzel@profibus.com> November
2004
#                               34965-34979 Unassigned
ethercat                       34980/tcp    EtherCAT Port
ethercat                       34980/udp    EhterCAT Port
#                               Martin Rostan <m.rostan@beckhoff.com> November 2003
#                               34981-36864 Unassigned
kastenxpipe                   36865/tcp    KastenX Pipe
kastenxpipe                   36865/udp    KastenX Pipe
#                               Guy Cheng <GCHE@kastenchase.com>
#                               36866-37474 Unassigned
neckar                         37475/tcp    science + computing's Venus Administration Port
neckar                         37475/udp    science + computing's Venus Administration Port
#                               Ralf Allrutz <R.Allrutz@science-computing.de>
February 2002
#                               37476-37653 Unassigned
unisys-eportal                37654/tcp    Unisys ClearPath ePortal
unisys-eportal                37654/udp    Unisys ClearPath ePortal
#                               Sung U. Ro <ePortalSupport@unisys.com> January 2006
#                               37655-38200 Unassigned
galaxy7-data                  38201/tcp    Galaxy7 Data Tunnel
galaxy7-data                  38201/udp    Galaxy7 Data Tunnel
#                               Tatham Oddie <tatham@e-oddie.com> September 2002
fairview                      38202/tcp    Fairview Message Service
fairview                      38202/udp    Fairview Message Service
#                               Jim Lyle <jim.lyle@siliconimage.com> November 2005
agpolicy                      38203/tcp    AppGate Policy Server
agpolicy                      38203/udp    AppGate Policy Server
#                               Martin Forssen <maf@appgate.com> November 2004
#                               38204-39680 Unassigned
turbonote-1                   39681/tcp    TurboNote Default Port
turbonote-1                   39681/udp    TurboNote Default Port
#                               Peter Hyde <peter@spis.co.nz>
#                               39682-39999 Unassigned
safetynetp 40000/tcp          SafetyNET p
safetynetp 40000/udp          SafetyNET p
#                               Roland Rupp <r.rupp@pilz.de> November 2006

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#           40001-40840 Unassigned
cscp       40841/tcp    CSCP
cscp       40841/udp    CSCP
#           Michael Dodge <sarge@centerspan.com>
csccredir  40842/tcp    CSCCREDIR
csccredir  40842/udp    CSCCREDIR
cscconfirewall 40843/tcp    CSCCFIREWALL
cscconfirewall 40843/udp    CSCCFIREWALL
#           Sudhir Menon <sudhir@centerspan.com>
#           40844-41110 Unassigned
fs-qos     41111/tcp    Foursticks QoS Protocol
fs-qos     41111/udp    Foursticks QoS Protocol
#           Chee Kent Lam <cklam@foursticks.com> April 2002
#           41112-41793 Unassigned
crestron-cip 41794/tcp    Crestron Control Port
crestron-cip 41794/udp    Crestron Control Port
crestron-ctp 41795/tcp    Crestron Terminal Port
crestron-ctp 41795/udp    Crestron Terminal Port
#           Ed Ranney <eranney@crestron.com> January 2003
#           41796-42507 Unassigned
candp      42508/tcp    Computer Associates network discovery protocol
candp      42508/udp    Computer Associates network discovery protocol
#           Jon Press <IANA.Registions@ca.com> September 2005
candrp     42509/tcp    CA discovery response
candrp     42509/udp    CA discovery response
caerpc     42510/tcp    CA eTrust RPC
caerpc     42510/udp    CA eTrust RPC
#           Jon Press <IANA.Registions@ca.com> August 2005
#           42511-43187 Unassigned
reachout   43188/tcp    REACHOUT
reachout   43188/udp    REACHOUT
ndm-agent-port 43189/tcp    NDM-AGENT-PORT
ndm-agent-port 43189/udp    NDM-AGENT-PORT
ip-provision 43190/tcp    IP-PROVISION
ip-provision 43190/udp    IP-PROVISION
#           Roman Kriis <roman@previo.ee>
#           43191-43440 Unassigned
ciscocsdb  43441/tcp    Cisco NetMgmt DB Ports
ciscocsdb  43441/udp    Cisco NetMgmt DB Ports
#           Cisco Systems <nmtg-port-numbers@cisco.com>
November 2005
#           43442-44320 Unassigned
pmcd       44321/tcp    PCP server (pmcd)
pmcd       44321/udp    PCP server (pmcd)
#           Ken McDonnell <kenmcd@sgi.com> June 2002
pmcdproxy  44322/tcp    PCP server (pmcd) proxy
pmcdproxy  44322/udp    PCP server (pmcd) proxy
#           Ken McDonnell <kenmcd@sgi.com> July 2003
#           44323-44552 Unassigned
rbr-debug  44553/tcp    REALbasic Remote Debug
rbr-debug  44553/udp    REALbasic Remote Debug
#           Aaron Ballman <aaron@realsoftware.com> November
2004
#           44554-44817 Unassigned
rockwell-encap 44818/tcp    Rockwell Encapsulation
rockwell-encap 44818/udp    Rockwell Encapsulation
#           Brian Batke <babatke@ra.rockwell.com>

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# 44819-45053 Unassigned
invision-ag 45054/tcp InVision AG
invision-ag 45054/udp InVision AG
# Matthias Schroer <matthias.schroer@invision.de>
# 45055-45677 Unassigned
eba 45678/tcp EBA PRISE
eba 45678/udp EBA PRISE
# Patrick Kara <Patrick@EBA.NET>
# 45679-45965 Unassigned
ssr-servermgr 45966/tcp SSRServerMgr
ssr-servermgr 45966/udp SSRServerMgr
# Jeremy Gilliat <jeremy.gilliat@geac.com>
# 45967-46998 Unassigned
mediabox 46999/tcp MediaBox Server
mediabox 46999/udp MediaBox Server
# Alexander Graef <alex@graef.cc> November 2004
mbus 47000/tcp Message Bus
mbus 47000/udp Message Bus
# Dirk Kutscher <dku@informatik.uni-bremen.de>
# 47001-47556 Unassigned
dbbrowse 47557/tcp Databeam Corporation
dbbrowse 47557/udp Databeam Corporation
# Cindy Martin <cmartin@databeam.com>
# 47558-47623 Unassigned
directplaysrvr 47624/tcp Direct Play Server
directplaysrvr 47624/udp Direct Play Server
# Ajay Jindal <ajayj@microsoft.com>
# 47625-47805 Unassigned
ap 47806/tcp ALC Protocol
ap 47806/udp ALC Protocol
# Dave Robin <iana_ports@daverobin.com>
# 47807 Unassigned
bacnet 47808/tcp Building Automation and Control Networks
bacnet 47808/udp Building Automation and Control Networks
# H. Michael Newman <hmn2@cornell.edu>
# 47809-47999 Unassigned
nimcontroller 48000/tcp Nimbus Controller
nimcontroller 48000/udp Nimbus Controller
nimspooler 48001/tcp Nimbus Spooler
nimspooler 48001/udp Nimbus Spooler
nimhub 48002/tcp Nimbus Hub
nimhub 48002/udp Nimbus Hub
nimgtw 48003/tcp Nimbus Gateway
nimgtw 48003/udp Nimbus Gateway
# Carstein Seeberg <case@nimsoft.no>
# 48004-48127 Unassigned
isnetserv 48128/tcp Image Systems Network Services
isnetserv 48128/udp Image Systems Network Services
# Bengt Gustafsson <bengt.gustafsson@imagesystems.se> May
2006
blp5 48129/tcp Bloomberg locator
blp5 48129/udp Bloomberg locator
# Albert Hou <ahoul@bloomberg.com> May 2006
# 48130-48555 Unassigned
com-bardac-dw 48556/tcp com-bardac-dw
com-bardac-dw 48556/udp com-bardac-dw
# Nicholas J Howes <nick@ghostwood.org>

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48557-48618 Unassigned
iqobject 48619/tcp iqobject
iqobject 48619/udp iqobject
Bjorn de Bonnenfant <bdeb@iqobject.com> November
2003
48620-49150 Unassigned
49151 IANA Reserved

DYNAMIC AND/OR PRIVATE PORTS

The Dynamic and/or Private Ports are those from 49152 through 65535

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