

PORT NUMBERS

(last updated 2002-10-14)

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.

The Registered Ports are those from 1024 through 49151

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

UNASSIGNED PORT NUMBERS SHOULD NOT BE USED. THE IANA WILL ASSIGN THE NUMBER FOR THE PORT AFTER YOUR APPLICATION HAS BEEN APPROVED

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@PROCESS.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>	
#	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>	
msp	18/tcp	Message Send Protocol	
msp	18/udp	Message Send Protocol	

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# 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.ACETTA@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
nickname 43/tcp Who Is
nickname 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
# Steve Dorner <s-dorner@UIUC.EDU>
la-maint 51/tcp IMP Logical Address Maintenance
la-maint 51/udp IMP Logical Address Maintenance

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# 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@sunset.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
# 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 <ttml@W3.org>
hosts2-ns 81/tcp HOSTS2 Name Server

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hosts2-ns      81/udp  HOSTS2 Name Server
#
xfer           82/tcp  XFER Utility
xfer           82/udp  XFER Utility
#
mit-ml-dev     83/tcp  MIT ML Device
mit-ml-dev     83/udp  MIT ML Device
#
ctf            84/tcp  Common Trace Facility
ctf            84/udp  Common Trace Facility
#
mit-ml-dev     85/tcp  MIT ML Device
mit-ml-dev     85/udp  MIT ML Device
#
mfcobol        86/tcp  Micro Focus Cobol
mfcobol        86/udp  Micro Focus Cobol
#
#              87/tcp  any private terminal link
#              87/udp  any private terminal link
#
kerberos       88/tcp  Kerberos
kerberos       88/udp  Kerberos
#
su-mit-tg      89/tcp  SU/MIT Telnet Gateway
su-mit-tg      89/udp  SU/MIT Telnet Gateway
#
##### PORT 90 also being used unofficially by Pointcast #####
dnsix          90/tcp  DNSIX Securit Attribute Token Map
dnsix          90/udp  DNSIX Securit Attribute Token Map
#
mit-dov        91/tcp  MIT Dover Spooler
mit-dov        91/udp  MIT Dover Spooler
#
npp            92/tcp  Network Printing Protocol
npp            92/udp  Network Printing Protocol
#
dcp            93/tcp  Device Control Protocol
dcp            93/udp  Device Control Protocol
#
objcall        94/tcp  Tivoli Object Dispatcher
objcall        94/udp  Tivoli Object Dispatcher
#
supdup         95/tcp  SUPDUP
supdup         95/udp  SUPDUP
#
dixie          96/tcp  DIXIE Protocol Specification
dixie          96/udp  DIXIE Protocol Specification
#
swift-rvf      97/tcp  Swift Remote Virtual File Protocol
swift-rvf      97/udp  Swift Remote Virtual File Protocol
#
tacnews        98/tcp  TAC News
tacnews        98/udp  TAC News
#
metagram       99/tcp  Metagram Relay
metagram       99/udp  Metagram Relay
#
newacct        100/tcp [unauthorized use]
hostname       101/tcp  NIC Host Name Server
hostname       101/udp  NIC Host Name Server
#
iso-tsap       102/tcp  ISO-TSAP Class 0
iso-tsap       102/udp  ISO-TSAP Class 0
#
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
#
cso            105/tcp  CCSO name server protocol
cso            105/udp  CCSO name server protocol
#
csnet-ns       105/tcp  Mailbox Name Nameserver
csnet-ns       105/udp  Mailbox Name Nameserver
#
3com-tsmux     106/tcp  3COM-TSMUX
3com-tsmux     106/udp  3COM-TSMUX
#
##### 106 Unauthorized use by insecure poppassd protocol
rtelnet        107/tcp  Remote Telnet Service
rtelnet        107/udp  Remote Telnet Service
#
snagas         108/tcp  SNA Gateway Access Server
snagas         108/udp  SNA Gateway Access Server
#
pop2           109/tcp  Post Office Protocol - Version 2

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pop2      109/udp  Post Office Protocol - Version 2
#
pop3      110/tcp  Post Office Protocol - Version 3
pop3      110/udp  Post Office Protocol - Version 3
#
sunrpc    111/tcp  SUN Remote Procedure Call
sunrpc    111/udp  SUN Remote Procedure Call
#
mcidas    112/tcp  McIDAS Data Transmission Protocol
mcidas    112/udp  McIDAS Data Transmission Protocol
#
ident     113/tcp  Authentication Service
auth      113/tcp  Authentication Service
auth      113/udp  Authentication Service
#
audionews 114/tcp  Audio News Multicast
audionews 114/udp  Audio News Multicast
#
sftp      115/tcp  Simple File Transfer Protocol
sftp      115/udp  Simple File Transfer Protocol
#
ansanotify 116/tcp  ANSA REX Notify
ansanotify 116/udp  ANSA REX Notify
#
uucp-path 117/tcp  UUCP Path Service
uucp-path 117/udp  UUCP Path Service
sqlserv   118/tcp  SQL Services
sqlserv   118/udp  SQL Services
#
nntp      119/tcp  Network News Transfer Protocol
nntp      119/udp  Network News Transfer Protocol
#
cfdpckt   120/tcp  CFDPKT
cfdpckt   120/udp  CFDPKT
#
erpc      121/tcp  Encore Expedited Remote Pro.Call
erpc      121/udp  Encore Expedited Remote Pro.Call
#
smakynet  122/tcp  SMAKYNET
smakynet  122/udp  SMAKYNET
#
ntp       123/tcp  Network Time Protocol
ntp       123/udp  Network Time Protocol
#
ansatrader 124/tcp  ANSA REX Trader
ansatrader 124/udp  ANSA REX Trader
#
locus-map 125/tcp  Locus PC-Interface Net Map Ser
locus-map 125/udp  Locus PC-Interface Net Map Ser
#
nxdedit   126/tcp  NXEdit
nxdedit   126/udp  NXEdit
#
#####Port 126 Previously assigned to application below#####
#unitary  126/tcp  Unisys Unitary Login
#unitary  126/udp  Unisys Unitary Login
#
#####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
#
gss-xlicen 128/tcp  GSS X License Verification
gss-xlicen 128/udp  GSS X License Verification
#
pwdgen     129/tcp  Password Generator Protocol
pwdgen     129/udp  Password Generator Protocol
#
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 SYSMIAINT
cisco-sys 132/udp  cisco SYSMIAINT
statsrv    133/tcp  Statistics Service
statsrv    133/udp  Statistics Service
#
ingres-net 134/tcp  INGRES-NET Service
ingres-net 134/udp  INGRES-NET Service
#
epmap      135/tcp  DCE endpoint resolution
epmap      135/udp  DCE endpoint resolution
#
profile    136/tcp  PROFILE Naming System
profile    136/udp  PROFILE Naming System
#
netbios-ns 137/tcp  NETBIOS Name Service
netbios-ns 137/udp  NETBIOS Name Service

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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
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@bearnet.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--->
xplex-mux	173/tcp	Xplex
xplex-mux	173/udp	Xplex
#		Bob Stewart <STEWART@XPLEX.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 <ingridaveb@UUNET.UU.NET>
unify	181/tcp	Unify
unify	181/udp	Unify
#		Mark Ainsley <ianaportmaster@unify.com>
audit	182/tcp	Unisis Audit SITP
audit	182/udp	Unisis Audit SITP
#		Gil Greenbaum <gcole@nisd.cam.unisis.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>

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src          200/tcp    IBM System Resource Controller
src          200/udp    IBM System Resource Controller
#
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
#
qmtpt       209/tcp    Rob Chandhok <chandhok@gnome.cs.cmu.edu>
qmtpt       209/udp    The Quick Mail Transfer Protocol
#
z39.50      210/tcp    ANSI Z39.50
z39.50      210/udp    ANSI Z39.50
#
914c/g      211/tcp    Mark H. Needleman <markn@sirsi.com>
914c/g      211/udp    Texas Instruments 914C/G Terminal
#
anet        212/tcp    Bill Harrell <---none--->
anet        212/udp    ATEXSSTR
#
ipx         213/tcp    Jim Taylor <taylor@heart.epps.kodak.com>
ipx         213/udp    IPX
#
vmpwscs    214/tcp    Don Provan <donp@xlnvax.novell.com>
vmpwscs    214/udp    VM PWSCS
#
softpc     215/tcp    Dan Shia <dset!shia@uunet.UU.NET>
softpc     215/udp    Insignia Solutions
#
CAIlic     216/tcp    Marty Thomas <---none--->
CAIlic     216/udp    Computer Associates Int'l License Server
#
dbase      217/tcp    Chuck Spitz <spich04@cai.com>
dbase      217/udp    dBASE Unix
#
#          <sequent!aero!twinsun!ashtate.A-T.COM!dong@uunet.UU.NET>
mpp        218/tcp    Kannan Alagappan <kannan@sejour.enet.dec.com>
mpp        218/udp    Netix Message Posting Protocol
#
uarps      219/tcp    Shannon Yeh <yeh@netix.com>
uarps      219/udp    Unisys ARPs
#
imap3      220/tcp    Ashok Marwaha <---none--->
imap3      220/udp    Interactive Mail Access Protocol v3
#
fln-spx    221/tcp    James Rice <RICE@SUMEX-AIM.STANFORD.EDU>
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
#
##### Possible Conflict of Port 222 with "Masqdiabler"#####
### Contact for Masqdiabler is Charles Wright <cpwright@villagenet.com>###
masqdiabler 224/tcp    masqdiabler
masqdiabler 224/udp    masqdiabler
#
#          Charles Wright <cpwright@villagenet.com>
#          Reserved
#          Jon Postel <postel@isi.edu>
direct     242/tcp    Direct
direct     242/udp    Direct
#
sur-meas   243/tcp    Herb Sutter <HerbS@cntc.com>
sur-meas   243/udp    Survey Measurement
#
inbusiness 244/tcp    Dave Clark <ddc@LCS.MIT.EDU>
inbusiness 244/udp    inbusiness
#
link       245/tcp    Derrick Hisatake <derrick.i.hisatake@intel.com>
link       245/udp    LINK
dsp3270    246/tcp    Display Systems Protocol
dsp3270    246/udp    Display Systems Protocol
#
subntbcst_tftp 247/tcp    Weldon J. Showalter <Gamma@MINTAKA.DCA.MIL>
subntbcst_tftp 247/udp    SUBNTBCST_TFTP

```

#		John Fake <fake@us.ibm.com>
bhfs	248/tcp	bhfs
bhfs	248/udp	bhfs
#		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>
yak-chat	258/tcp	Yak Winsock Personal Chat
yak-chat	258/udp	Yak Winsock Personal Chat
#		Brian Bandy <bbandy@swbell.net>
esro-gen	259/tcp	Efficient Short Remote Operations
esro-gen	259/udp	Efficient Short Remote Operations
#		Mohsen Banan <mohsen@rostam.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>
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 <cjt@corenetworks.com>
#	285	Unassigned
fxp-1	286/tcp	FXP-1
fxp-1	286/udp	FXP-1
#		James Darnall <jjim@cennoid.com>
k-block	287/tcp	K-BLOCK
k-block	287/udp	K-BLOCK
#		Simon P Jackson <jjacko@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>

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opalis-robot 314/tcp Opalis Robot
opalis-robot 314/udp Opalis Robot
#
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
#
John Eidson <eidson@hpl.hp.com>
pip 321/tcp PIP
pip 321/udp PIP
#
Gordon Mohr <gojomo@usa.net>
rtsp 322/tcp RTSP
rtsp 322/udp RTSP
#
Anders Klemets <anderskl@microsoft.com>
#
323-332 Unassigned
#
333/tcp Texar Security Port
333/udp Texar Security Port
#
Eugen Basic <ebasic@texar.com>
#
334-343 Unassigned
#
344/tcp Prospero Data Access Protocol
344/udp Prospero Data Access Protocol
#
B. Clifford Neuman <bcn@isi.edu>
pawserv 345/tcp Perf Analysis Workbench
pawserv 345/udp Perf Analysis Workbench
zserv 346/tcp Zebra server
zserv 346/udp Zebra server
fatserv 347/tcp Fatmen Server
fatserv 347/udp Fatmen Server
csi-sgwp 348/tcp Cabletron Management Protocol
csi-sgwp 348/udp Cabletron Management Protocol
mftp 349/tcp mftp
mftp 349/udp mftp
#
Dave Feinleib <davefe@microsoft.com>
matip-type-a 350/tcp MATIP Type A
matip-type-a 350/udp MATIP Type A
matip-type-b 351/tcp MATIP Type B
matip-type-b 351/udp MATIP Type B
#
Alain Robert <arobert@par.sita.int>
# The following entry records an unassigned but widespread use
bhoetty 351/tcp bhoetty (added 5/21/97)
bhoetty 351/udp bhoetty
#
John Kelly <johnk@bellhow.com>
dtag-ste-sb 352/tcp DTAG (assigned long ago)
dtag-ste-sb 352/udp DTAG
#
Ruediger Wald <wald@ez-darmstadt.telekom.de>
# The following entry records an unassigned but widespread use
bhoedap4 352/tcp bhoedap4 (added 5/21/97)
bhoedap4 352/udp bhoedap4
#
John Kelly <johnk@bellhow.com>
ndsauth 353/tcp NDSAUTH
ndsauth 353/udp NDSAUTH
#
Jayakumar Ramalingam <jayakumar@novell.com>
bh611 354/tcp bh611
bh611 354/udp bh611
#
John Kelly <johnk@bellhow.com>
datex-asn 355/tcp DATEX-ASN
datex-asn 355/udp DATEX-ASN
#
Kenneth Vaughn <kvaughn@mail.viggen.com>
cloanto-net-1 356/tcp Cloanto Net 1
cloanto-net-1 356/udp Cloanto Net 1
#
Michael Battilana <mcb-iana@cloanto.com>
bhevent 357/tcp bhevent
bhevent 357/udp bhevent
#
John Kelly <johnk@bellhow.com>
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>
scoi2dialog 360/tcp scoi2dialog
scoi2dialog 360/udp scoi2dialog
#
Keith Petley <keithp@sco.COM>
semantix 361/tcp Semantix
semantix 361/udp Semantix

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#		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
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 <cranchnovell.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 <pd1@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 <jim@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>
decladebug	410/tcp	DECLadebug Remote Debug Protocol
decladebug	410/udp	DECLadebug 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>
ariel1	419/tcp	Ariel
ariel1	419/udp	Ariel
#		Lennie Stovel <bl.mds@rlg.org>
smpte	420/tcp	SMPTE
smpte	420/udp	SMPTE
#		Si Becker <71362.22@CompuServe.COM>
ariel2	421/tcp	Ariel
ariel2	421/udp	Ariel
ariel3	422/tcp	Ariel
ariel3	422/udp	Ariel
#		Lennie Stovel <bl.mds@rlg.org>
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
#		Alexander Dupuy <dupuy@smarts.com>
svrloc	427/tcp	Server Location
svrloc	427/udp	Server Location
#		<vezades@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	NNSDP
nnsdp	433/udp	NNSDP
#		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 <mcke@osf.org>
dasp	439/tcp	dasp Thomas Obermair
dasp	439/udp	dasp tommy@inlab.m.eunet.de
#		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 <bill@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-RDB
ddm-rdb	446/udp	DDM-RDB
ddm-dfm	447/tcp	DDM-RFM
ddm-dfm	447/udp	DDM-RFM
#		Jan David Fisher <jdfisher@VNET.IBM.COM>
ddm-ssl	448/tcp	DDM-SSL
ddm-ssl	448/udp	DDM-SSL
#		Steve Ritland <srr@vnet.ibm.com>
as-servermap	449/tcp	AS Server Mapper
as-servermap	449/udp	AS Server Mapper
#		Barbara Foss <BGF OSS@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
ampr-rcmd	459/udp	ampr-rcmd
#		Rob Janssen <rob@sys3.pe1chl.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 Rendezvous 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>
proturis	468/tcp	proturis
proturis	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>
tcpnethasprv	475/tcp	tcpnethasprv
tcpnethasprv	475/udp	tcpnethasprv
#		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
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
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>
intrinsic	503/tcp	Intrinsic
intrinsic	503/udp	Intrinsic
#		Robert Ford <robert@intrinsic.com>
citadel	504/tcp	citadel
citadel	504/udp	citadel
#		Art Cancro <ajc@uncnsrd.mt-kisco.ny.us>
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
who	513/udp	identify "authentication domains"
#		maintains data bases showing who's
#		logged in to machines on a local
#		net and the load average of the
shell	514/tcp	machine
#		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
#		Peter Pau <pau@VNET.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 <ferdi.ladeira@ixchange.com>
irc-serv	529/tcp	IRC-SERV
irc-serv	529/udp	IRC-SERV
#		Brian Tackett <cym@acrux.net>
courier	530/tcp	rpc
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
mm-admin	534/tcp	MegaMedia Admin
mm-admin	534/udp	MegaMedia Admin
#		Andreas Heidemann <a.heidemann@ais-gmbh.de>
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>
nmsp	537/tcp	Networked Media Streaming Protocol
nmsp	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@host.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>
dhcpv6-client	546/tcp	DHCPv6 Client
dhcpv6-client	546/udp	DHCPv6 Client
dhcpv6-server	547/tcp	DHCPv6 Server
dhcpv6-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>
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@prognest.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
#		Mort Hoffman <hoffman@mail.ndhm.gtepsc.com>
rmonitor	560/tcp	rmonitord
rmonitor	560/udp	rmonitord
monitor	561/tcp	
monitor	561/udp	
chshell	562/tcp	chcmd
chshell	562/udp	chcmd
nntp	563/tcp	nntp protocol over TLS/SSL (was snntp)
nntp	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 <ttml@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
#		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>
sntp-heartbeat	580/tcp	SNTP HEARTBEAT
sntp-heartbeat	580/udp	SNTP 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>
imap4-ssl	585/tcp	IMAP4+SSL (use 993 instead)
imap4-ssl	585/udp	IMAP4+SSL (use 993 instead)
#		Terry Gray <gray@cac.washington.edu>
#	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
#		Randy Gellens <randy@qualcomm.com>
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 <spear@platinum.com>
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 <malyn@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
#	602-604	Unassigned

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 <rtroth@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
#		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-websrvmgr	620/tcp	SCO WebServer Manager
sco-websrvmgr	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
#		Chris Hall <chall@passgo.com>
qmqp	628/tcp	QMQP
qmqp	628/udp	QMQP
#		Dan Bernstein <djb@cr.yo.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
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@ipworks.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
repscmd	653/udp	RepCmd
#		Scott Dale <scott@tioga.com>
aadv	654/tcp	AADV
aadv	654/udp	AADV
#		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>
rmc	657/tcp	RMC
rmc	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

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# Harinder Bhasin <Harinder.Bhasin@Sun.COM>
mdqs 666/tcp
mdqs 666/udp
doom 666/tcp doom Id Software
doom 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
meregister 669/tcp MeRegister
meregister 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
# 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
# Henry Lowe <lowe@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 REALM-RUSD
realm-rusd 688/udp REALM-RUSD
# Jerry Knight <jknight@realminfo.com>
nmap 689/tcp NMAP
nmap 689/udp NMAP
# Peter Dennis Bartok <peter@novonyx.com>
vatp 690/tcp VATP
vatp 690/udp VATP
# Atica Software <comercial@aticasoft.es>
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
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>

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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>
#	700-703	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 <natale@acec.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 <pw@entrust.com>
cisco-tdp	711/tcp	Cisco TDP
cisco-tdp	711/udp	Cisco TDP
#		Bruce Davie <bsd@cisco.com>
#	712-728	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	
rxex	761/tcp	
rxex	761/udp	
quotad	762/tcp	
quotad	762/udp	
cycleserv	763/tcp	
cycleserv	763/udp	
omserv	764/tcp	

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omserv      764/udp
webster     765/tcp
webster     765/udp
#
#          766      Josyula R. Rao <jrrao@watson.ibm.com>
#          Unassigned
phonebook   767/tcp
phonebook   767/udp
#
#          768      Josyula R. Rao <jrrao@watson.ibm.com>
#          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>
#          Unassigned
#          778-779
wpgs        780/tcp
wpgs        780/udp
#
#          Josyula R. Rao <jrrao@watson.ibm.com>
#          Unassigned
#          781-785
#          786      Unassigned (Removed 2002-05-08)
#          787      Unassigned (Removed 2002-10-08)
#          788-799
#          Unassigned
mbs_daemon  800/tcp
mbs_daemon  800/udp
device      801/tcp
device      801/udp
#
#          802-809  Unassigned
fcp-udp     810/tcp  FCP
fcp-udp     810/udp  FCP Datagram
#
#          Paul Whittemore <paul@softarc.com>
#          Unassigned
#          811-827
itm-mcell-s 828/tcp  itm-mcell-s
itm-mcell-s 828/udp  itm-mcell-s
#
#          Miles O'Neal <meo@us.itmasters.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>
#          830-846  Unassigned
dhcp-failover2 847/tcp  dhcp-failover 2
dhcp-failover2 847/udp  dhcp-failover 2
#
#          Bernard Volz <volz@ipworks.com>
#          848-872  Unassigned
rsync       873/tcp  rsync
rsync       873/udp  rsync
#
#          Andrew Tridgell <tridge@samba.anu.edu.au>
#          Unassigned
#          874-885
iclcnct-locate 886/tcp  ICL coNETion locate server
iclcnct-locate 886/udp  ICL coNETion locate server
#
#          Bob Lyon <bl@oasis.icl.co.uk>
iclcnct_svinfo 887/tcp  ICL coNETion server info
iclcnct_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 <wo@ideafarm.com>
#          904-910  Unassigned

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```

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
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
# Christopher Allen <ChristopherA@consensus.com>
nas 991/tcp Netnews Administration System
nas 991/udp Netnews Administration System
# Vera Heinau <heinau@fu-berlin.de>
# Heiko Schlichting <heiko@fu-berlin.de>
telnets 992/tcp telnet protocol over TLS/SSL
telnets 992/udp telnet protocol over TLS/SSL
imaps 993/tcp imap4 protocol over TLS/SSL
imaps 993/udp imap4 protocol over TLS/SSL
ircs 994/tcp irc protocol over TLS/SSL
ircs 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>
maitrd 997/tcp
maitrd 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>
# 1011-1022 Reserved
# 1023/tcp Reserved
# 1023/udp Reserved
# IANA <iana@iana.org>

```

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	Calender Access Protocol	
cap	1026/udp	Calender Access Protocol	
#		Doug Royer <Doug@Royer.com> June 2002	
#	1027-1029	Unassigned	

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
#	1034-1035	Unassigned
pcg-radar	1036/tcp	RADAR Service Protocol
pcg-radar	1036/udp	RADAR Service Protocol
#		Steve Ravida <Steve@pcguru.com>
#	1037-1039	Unassigned
netarx	1040/tcp	Netarx
netarx	1040/udp	Netarx
#		Fredrick Paul Eisele <phreed@netarx.com>
#	1041-1044	Unassigned
fpitp	1045/tcp	Fingerprint Image Transfer Protocol
fpitp	1045/udp	Fingerprint Image Transfer Protocol
#		Steven Fields <sfields@identix.com> February 2002
#	1046	Unassigned
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@optimatetele.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
#		Gilles Roussel <groussel@eu-symtrax.com>
ansyslmd	1055/tcp	ANSYS - License Manager
ansyslmd	1055/udp	ANSYS - License Manager
#		Suzanne Lorrin <suzanne.lorrin@ansys.com>
vfo	1056/tcp	VFO
vfo	1056/udp	VFO
#		Anthony Gonzalez <agonzal1@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
#		Howard Buck <hbuck@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 <darko@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>
fasttechnologlm	1074/tcp	FASTTechnologies License Manager
fasttechnologlm	1074/udp	FASTTechnologies License Manager
#		Robert C. Henningsgard
#		<rhenn@fasttechnologies.com>
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 <world_dab_irc@world_dab.org>
imgames	1077/tcp	IMGames
imgames	1077/udp	IMGames
#		Jean A. Ames <enr-admin@flipside.com>
emanagecstp	1078/tcp	eManageCstp
emanagecstp	1078/udp	eManageCstp
#		Steven W. Clark <swclark@equinox.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 <yylee@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>
obrpd	1092/tcp	Open Business Reporting Protocol
obrpd	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>
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
nfsd-status	1110/tcp	Cluster status info
nfsd-keepalive	1110/udp	Client status info
#		Edgar Circenis <ec@hpfclj.fc.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>
#	1113	Unassigned
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-ctrl	1116/tcp	ARDUS Control
ardus-ctrl	1116/udp	ARDUS Control
ardus-mtrns	1117/tcp	ARDUS Multicast Transfer
ardus-mtrns	1117/udp	ARDUS Multicast Transfer
#		Shinya Abe <abeabe@pfu.co.jp>
#	1118-1121	Unassigned
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>
#	1124-1154	Unassigned
nfa	1155/tcp	Network File Access
nfa	1155/udp	Network File Access
#		James Powell <james@mailhost.unidata.com>
#	1156-1160	Unassigned
health-polling	1161/tcp	Health Polling
health-polling	1161/udp	Health Polling
health-trap	1162/tcp	Health Trap
health-trap	1162/udp	Health Trap
#	1163-1167	Unassigned
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>
#	1170-1179	Unassigned
mc-client	1180/tcp	Millicent Client Proxy
mc-client	1180/udp	Millicent Client Proxy
#		Steve Glassman <steveg@pa.dec.com>
#	1181-1182	Unassigned
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
#	1186-1187	Unassigned
hp-webadmin	1188/tcp	HP Web Admin
hp-webadmin	1188/udp	HP Web Admin

#		Lance Kind <lance_kind@hp.com>
#	1189-1198	Unassigned
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
nucleus-sand	1201/udp	Nucleus Sand
#		James Marsh <James.Marsh@sandtechnology.com>
caiccipc	1202/tcp	caiccipc
caiccipc	1202/udp	caiccipc
#		Vince Re <Vincent.Re@cai.com>
ssslc-mgr	1203/tcp	License Validation
ssslc-mgr	1203/udp	License Validation
ssslg-mgr	1204/tcp	Log Request Listener
ssslg-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	E0SS
eoss	1210/udp	E0SS
#		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
#		GSIT <jl.barbut@gsit.fr>
hpss-ndapi	1217/tcp	HPSS-NDAPI
hpss-ndapi	1217/udp	HPSS-NDAPI
#		Michael Gleicher <mkg@san.rr.com>
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
#		Mark Richards <mark.richards@deerfield.com>

florence	1228/tcp	FLORENCE
florence	1228/udp	FLORENCE
#		Brian Trammell <btrammell@iventurelab.com>
novell-zfs	1229/tcp	Novell ZFS
novell-zfs	1229/udp	Novell ZFS
#		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 <sigfus@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>
mosaicssysvc1	1235/tcp	mosaicssysvc1
mosaicssysvc1	1235/udp	mosaicssysvc1
#		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>
isbconference1	1244/tcp	isbconference1
isbconference1	1244/udp	isbconference1
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 <gavin@visionlogistics.com>
hermes	1248/tcp	hermes
hermes	1248/udp	hermes
#		Not known
mesavistaco	1249/tcp	Mesa Vista Co
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
#		Steve Sando <steve.sando@diversifiedsoftware.com>
dellpwrappks	1266/tcp	DELLPWRAPPKS
dellpwrappks	1266/udp	DELLPWRAPPKS
#		David Troeger <David.Troeger@dell.com>
pcmlinux	1267/tcp	pcmlinux
pcmlinux	1267/udp	pcmlinux
#		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
#		Frederic Weymann <Fizzban@swcombine.com>
opsman	1270/tcp	opsman
opsman	1270/udp	opsman
#		Brad Daniels <brad.daniels@netiq.com>
dabew	1271/tcp	Dabew
dabew	1271/udp	Dabew
#		Norm Freedman <normfree@att.net>
cspmlckmgr	1272/tcp	CSPMLockMgr
cspmlckmgr	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 <ctb@satworks.net>
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>
neoface	1285/tcp	neoface
neoface	1285/udp	neoface
#		Jason McManus <jasonm@neoinformatics.com>
netuitive	1286/tcp	netuitive
netuitive	1286/udp	netuitive
#		Clayton Wilkinson <cwilkinson@netuitive.com>
#	1287	Unassigned
navbuddy	1288/tcp	NavBuddy
navbuddy	1288/udp	NavBuddy
#		Eric Hackman <ehackman@millapps.com>
jwalkserver	1289/tcp	JWalkServer
jwalkserver	1289/udp	JWalkServer
winjaserver	1290/tcp	WinJaServer

winjaserver	1290/udp	WinJaServer
seagulllms	1291/tcp	SEAGULLLMS
seagulllms	1291/udp	SEAGULLLMS
#		Lee Breisacher <lbreisacher@seafullsw.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 <bruce@lucisco.com>
pe-mike	1305/tcp	pe-mike
pe-mike	1305/udp	pe-mike
#		Stephen Hemminger <shemminger@passededge.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>
husky	1310/tcp	Husky
husky	1310/udp	Husky
#		Mark Zang <mark@zang.com>
rxmon	1311/tcp	RxMon
rxmon	1311/udp	RxMon
#		Javier Jimenez <javier_l_jimenez@dell.com>
sti-envision	1312/tcp	STI Envision
sti-envision	1312/udp	STI Envision
#		Don Stedman <dones@stisystems.com>
bmc_patrolDB	1313/tcp	BMC_PATROLDB
bmc_patrolDB	1313/udp	BMC_PATROLDB
#		Devon Shows <Devon_Shows@crow.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@cfer.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@convergence.net>
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	Ultrax
ultrex	1327/udp	Ultrax
#		Tim Walsh <tim@ultrex.com>
ewall	1328/tcp	EWALL
ewall	1328/udp	EWALL
#		Jeff Busma <busma@echogent.com>
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 <sigfus@menandmice.com>
wmc-log-svc	1338/tcp	WMC-log-svr
wmc-log-svc	1338/udp	WMC-log-svr
#		Stephen Brosseau <brosseau@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>
re101	1343/tcp	re101
re101	1343/udp	re101
#		Doriano Blengino <tecnico@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
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

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#
equationbuilder 1351/tcp Simson L. Garfinkel <simsong@next.cambridge.ma.us>
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>
relief 1353/tcp Relief Consulting
relief 1353/udp Relief Consulting
#
# John Feiler <relief!jjfeiler@uu2.psi.com>
rightbrain 1354/tcp RightBrain Software
rightbrain 1354/udp RightBrain Software
#
# Glenn Reid <glann@rightbrain.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
# <bal!vpnet!cuilla!chris@clout.chi.il.us>
connncli 1358/tcp CONNLCI
connncli 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--->
timeflies 1362/tcp TimeFlies
timeflies 1362/udp TimeFlies
#
# Doug Kent <mothers@slug@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.rioh.co.jp>
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
#
# 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 <vlcek@epimbe.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 <sphipps@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

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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
#		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@di.alup.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 <rmeli%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 <ubblue!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
#		<KGUNES%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
#		Qentin 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>
msl_lmd	1464/tcp	MSL License Manager
msl_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
csdm	1472/udp	csdm
#		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>
pacerforum	1480/tcp	PacerForum
pacerforum	1480/udp	PacerForum
#		Peter Caswell <pfcpacvax.pacersoft.com>
airs	1481/tcp	AIRS
airs	1481/udp	AIRS
#		Bruce Wilson, 905-771-6161
mitexsys-lm	1482/tcp	Mitexsys License Manager
mitexsys-lm	1482/udp	Mitexsys License Manager
#		Shane McRoberts <microberts@mitexsys.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>
anynetgateway	1491/tcp	anynetgateway
anynetgateway	1491/udp	anynetgateway
#		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 <phil@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-el	1504/tcp	EVB Software Engineering License Manager
evb-el	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@hprdstl0.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>
mx-lm	1510/tcp	Midland Valley Exploration Ltd. Lic. Man.
mx-lm	1510/udp	Midland Valley Exploration Ltd. Lic. Man.
#		Neil Salter <neil@indigo2.mvel.demon.co.uk>Laszlo
3l-l1	1511/tcp	3l-l1
3l-l1	1511/udp	3l-l1
#		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 Hourli <Avshalom@ubique.com>
atm-zip-office	1520/tcp	atm zip office
atm-zip-office	1520/udp	atm zip office
#		Wilson Kwan <wilson%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 <mfxnet.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	mcautoreg
mcautoreg	1528/udp	mcautoreg
#		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>
microconnect	1532/tcp	microconnect
microconnect	1532/udp	microconnect
#		Michael Fischer +49 531 21 13 0
virtual-places	1533/tcp	Virtual Places Software
virtual-places	1533/udp	Virtual Places Software
#		Avshalom Hourli <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.pe1chl.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
#		<acarlet@naper1.napervilleil.ncr.com>
abbaccaray	1546/tcp	abbaccaray
abbaccaray	1546/udp	abbaccaray
#		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
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>
ashwin	1556/tcp	AshWin CI Technologies
ashwin	1556/udp	AshWin CI Technologies
#		Dave Neal <daven@ashwin.com>
arbortext-lm	1557/tcp	ArborText License Manager
arbortext-lm	1557/udp	ArborText License Manager
#		David J. Wilson <djw@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
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-lm
moldflow-lm	1576/udp	moldflow-lm
#		Paul Browne <browne@moldflow.com.au>
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>
triquet-lm	1588/tcp	triquet-lm
triquet-lm	1588/udp	triquet-lm
#		Nand Kumar <nkumar@triquet-da.com>
vqp	1589/tcp	VQP
vqp	1589/udp	VQP
#		Keith McCloghrie <kzm@cisco.com>
gemini-lm	1590/tcp	gemini-lm
gemini-lm	1590/udp	gemini-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>
commonsplace	1592/tcp	commonsplace
commonsplace	1592/udp	commonsplace
#		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-iioip	1597/tcp	orbplus-iioip
orbplus-iioip	1597/udp	orbplus-iioip
#		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	1600/udp	
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
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>n
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>
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>
pamrratc	1632/tcp	PAMMRATC
pamrratc	1632/udp	PAMMRATC
pamrrpc	1633/tcp	PAMMRPC
pamrrpc	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>
cncp	1636/tcp	CableNet Control Protocol
cncp	1636/udp	CableNet Control Protocol
cnap	1637/tcp	CableNet Admin Protocol
cnap	1637/udp	CableNet Admin Protocol
cnip	1638/tcp	CableNet Info Protocol
cnip	1638/udp	CableNet Info Protocol
#		Damian Hamill <damian@cablenet.net>
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
#		Stuart J. Newman <stuart.newman@fortel.com>
sa-msg-port	1646/tcp	sa-msg-port
sa-msg-port	1646/udp	sa-msg-port
#		Eric Whitehill <eawwhite@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	nkd
shiva_confsrvr	1651/tcp	shiva_confsrvr
shiva_confsrvr	1651/udp	shiva_confsrvr
#		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-mbadm	1655/tcp	dec-mbadm
dec-mbadm	1655/udp	dec-mbadm
dec-mbadm-h	1656/tcp	dec-mbadm-h
dec-mbadm-h	1656/udp	dec-mbadm-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
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@hpindcx.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 <ndk@empiretech.com>
sstsys-lm	1692/tcp	sstsys-lm
sstsys-lm	1692/udp	sstsys-lm
#		Yih-Wu Wang <sstsys@ix.netcom.com>
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
#		Vadim Lebedev <vadim@magic.fr>
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 <ronald@hpindacx.cup.hp.com>
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 <schs02@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
#		Mark Kellerhuis <Mark_Kellerhuis@msn.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>
siipat	1733/tcp	SIMS - SIIPAT Protocol for Alarm Transmission
siipat	1733/udp	SIMS - SIIPAT Protocol for Alarm Transmission
#		Steve Ryckman <sryckman@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 <streetd1@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@asprenres.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
#		
translogic-lm	1753/tcp	Translogic License Manager
translogic-lm	1753/udp	Translogic License Manager
#		Stan Dallas <stan@translogic.com>
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
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
#		Cameron Haight <cameron_haight@bmc.com>
bmc-net-svc	1770/tcp	bmc-net-svc
bmc-net-svc	1770/udp	bmc-net-svc
#		Cameron Haight <cameron_haight@bmc.com>bmc-net-svc
vaultbase	1771/tcp	vaultbase
vaultbase	1771/udp	vaultbase
#		Jose A. Sesin <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>
pharmasoftware	1779/tcp	pharmasoftware
pharmasoftware	1779/udp	pharmasoftware
#		Ola Strandberg <Ola.Strandberg@pharmasoftware.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 MacClean <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 <BOlson@veritas.com>
enl-name	1805/tcp	ENL-Name
enl-name	1805/udp	ENL-Name
#		Brian Olson <BOlson@veritas.com>
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@end.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
#		Ian Miller <Ian_Miller@scientia.com>
radius	1812/tcp	RADIUS

radius	1812/udp	RADIUS
#		Carl Rigney <cdr@livingston.com>
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>
unisis-lm	1823/tcp	Unisis Natural Language License Manager
unisis-lm	1823/udp	Unisis Natural Language License Manager
#		Raymond A. Diedrichs <rayd@slu.tr.unisis.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
#		Miles O'Neal <meo@us.itmasters.com>
optika-emedi	1829/tcp	Optika eMedia
optika-emedi	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
#		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
virtual-time	1852/udp	Virtual Time
#		Angie S. Morner <webmaster@dsbcpcas.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>
sunsalar-svc	1860/tcp	SunSCALAR Services
sunsalar-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@wisdom.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>
viziblebrowser	1868/tcp	VizibleBrowser
viziblebrowser	1868/udp	VizibleBrowser
#		Jimmy Talbot <jtalbot@vizible.com>
yestrader	1869/tcp	YesTrader
yestrader	1869/udp	YesTrader
#		Robert Bryan <bbryan@yestrader.com>
sunsalar-dns	1870/tcp	SunSCALAR DNS Service
sunsalar-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
canocentral1	1872/tcp	Cano Central 1

canocentral1	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 MQSeries
ibm-mqseries2	1881/udp	IBM MQSeries
#		Steve Hall <steve_hall@uk.ibm.com>
ecsqdmn	1882/tcp	ecsqdmn
ecsqdmn	1882/udp	ecsqdmn
#		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>
vrtrapsrv	1885/tcp	Veritas Trap Server
vrtrapsrv	1885/udp	Veritas Trap Server
#		Russell Thrasher <rthrash@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>
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
#		Stephane Vinsot <vinsot@enatel.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
#		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@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	Candle Directory Service - NDS
can-nds	1918/udp	Candle Directory Service - NDS
can-dch	1919/tcp	Candle Directory Service - DCH
can-dch	1919/udp	Candle Directory Service - DCH
can-ferret	1920/tcp	Candle Directory Service - FERRET
can-ferret	1920/udp	Candle Directory Service - FERRET
#		Dannis Yang <Dannis_Yang@candle.com>
noadmin	1921/tcp	NoAdmin
noadmin	1921/udp	NoAdmin
#		Martin Bestmann <martin@datawatch.de>
tapestry	1922/tcp	Tapestry
tapestry	1922/udp	Tapestry
#		Ken Oliver <koliver@anritsu.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>
driveappserver	1930/tcp	Drive AppServer
driveappserver	1930/udp	Drive AppServer
#		Andrew Johnson
#		<andrew.johnson@bliss-support.demon.co.uk>
amdsched	1931/tcp	AMD SCHED
amdsched	1931/udp	AMD SCHED

#		Michael Walsh <mmw@warwick.net>
ctt-broker	1932/tcp	CTT Broker
ctt-broker	1932/udp	CTT Broker
#		Jens Edlund <edlund@speech.kth.se>
xmapi	1933/tcp	IBM LM MT Agent
xmapi	1933/udp	IBM LM MT Agent
xaapi	1934/tcp	IBM LM Appl Agent
xaapi	1934/udp	IBM LM Appl Agent
#		Helga Wolin <hwolin@us.ibm.com>
tincan	1935/tcp	TinCan
tincan	1935/udp	TinCan
#		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 Deblieer <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
#		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-basic	1954/tcp	ABR-Basic Data
abr-basic	1954/udp	ABR-Basic Data
abr-secure	1955/tcp	ABR-Secure Data
abr-secure	1955/udp	ABR-Secure Data
#		Aero9 - Graham Wooden <graham@aero9.com>
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>
dxadmind	1958/tcp	CA Administration Daemon
dxadmind	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
#		Chuck Shotton <cshotton@biap.com>

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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
lipsinc1 1969/tcp LIPSinc 1
lipsinc1 1969/udp LIPSinc 1
# Robert Armington <rarmington@lipsinc.com>
netop-rc 1970/tcp NetOp Remote Control
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 <allan@tcosoft.com>
unysql 1978/tcp UniSQL
unysql 1978/udp UniSQL
unysql-java 1979/tcp UniSQL Java
unysql-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>
lhtp 1983/tcp Loophole Test Protocol
lhtp 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-rsrb-p1 1987/tcp cisco RSRB Priority 1 port
tr-rsrb-p1 1987/udp cisco RSRB Priority 1 port
tr-rsrb-p2 1988/tcp cisco RSRB Priority 2 port
tr-rsrb-p2 1988/udp cisco RSRB Priority 2 port
tr-rsrb-p3 1989/tcp cisco RSRB Priority 3 port
tr-rsrb-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
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
# Bob Kummerfeld <bob@sarad.cs.su.oz.au>
snmp-tcp-port 1993/tcp cisco SNMP TCP port

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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
callbook	2000/tcp	
callbook	2000/udp	
dc	2001/tcp	
wizard	2001/udp	curry
globe	2002/tcp	
globe	2002/udp	
mailbox	2004/tcp	
emce	2004/udp	CCWS mm conf
berknet	2005/tcp	
oracle	2005/udp	
invokator	2006/tcp	
raid-cc	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	
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	
#	2029	Unassigned
device2	2030/tcp	
device2	2030/udp	
#	2031	Unassigned
blackboard	2032/tcp	
blackboard	2032/udp	
glogger	2033/tcp	
glogger	2033/udp	
scoremgr	2034/tcp	
scoremgr	2034/udp	
imsl doc	2035/tcp	
imsl doc	2035/udp	
#	2036	Unassigned
p2plus	2037/tcp	P2plus Application Server
p2plus	2037/udp	P2plus Application Server
#		Thomas Boerkel <tb@ap-ag.com>
objectmanager	2038/tcp	
objectmanager	2038/udp	

#	2039	Unassigned
lam	2040/tcp	
lam	2040/udp	
interbase	2041/tcp	
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>
rims1	2044/tcp	
rims1	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 <johneyager@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
#		Roger Huebner <Roger_Huebner@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
#		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>
#	2066	Unassigned
dlswpn	2067/tcp	Data Link Switch Write Port Number
dlswpn	2067/udp	Data Link Switch Write Port Number
#		Amir Peless <amirp@radware.co.il>
avauthsrprtcl	2068/tcp	Avocent AuthSrv Protocol
avauthsrprtcl	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>
trellisagt	2077/tcp	TrelliSoft Agent
trellisagt	2077/udp	TrelliSoft Agent
trellisvr	2078/tcp	TrelliSoft Server
trellisvr	2078/udp	TrelliSoft Server
#		Justin R. Bendich <bendich@TrelliSoft.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>
infowave	2082/tcp	Infowave Mobility Server
infowave	2082/udp	Infowave Mobiltiy Server
#		Kaz Kylheku <kkylheku@infowave.com>
#	2083-2085	Unassigned
gnunet	2086/tcp	GNUnet
gnunet	2086/udp	GNUnet
#		Christian Grothoff <grothoff@cs.purdue.edu> October 2002
eli	2087/tcp	ELI - Event Logging Integration
eli	2087/udp	ELI - Event Logging Integration
#		Maya Zimerman <mayaz@radware.co.il>
#	2088	Unassigned
sep	2089/tcp	Security Encapsulation Protocol - SEP
sep	2089/udp	Security Encapsulation Protocol - SEP
#		Maya Zimerman <mayaz@radware.co.il>
lrp	2090/tcp	Load Report Protocol
lrp	2090/udp	Load Report Protocol
#		Amir Peless <amirp@radware.co.il>
prp	2091/tcp	PRP
prp	2091/udp	PRP
#		Amir Peless <amirp@radware.co.il>
descent3	2092/tcp	Descent 3
descent3	2092/udp	Descent 3
#		Kevin Bentley <Kevin@outrage.com>
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
#		Henry Houh <hhouh@nbxcorp.com>
jetformpreview	2097/tcp	Jet Form Preview
jetformpreview	2097/udp	Jet Form Preview
#		Zygmunt Wiercioch <zyg@jetform.com>
dialog-port	2098/tcp	Dialog Port
dialog-port	2098/udp	Dialog Port
#		Joseph Mathew <mjoseph@dosa.cisco.com>
h2250-annex-g	2099/tcp	H.225.0 Annex G
h2250-annex-g	2099/udp	H.225.0 Annex G
#		Gur Kimchi <gur.kimchi@vocaltec.com>
amiganetfs	2100/tcp	Amiga Network Filesystem
amiganetfs	2100/udp	Amiga Network Filesystem
#		Rudi Chiarito <nutello@sweetness.com>
rtcm-sc104	2101/tcp	rtcm-sc104
rtcm-sc104	2101/udp	rtcm-sc104
#		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-meternet	2112/tcp	Idonix MetaNet
idonix-meternet	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
#		Ian Miller <Ian_Miller@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>
swc-xds	2130/tcp	SWC-XDS
swc-xds	2130/udp	SWC-XDS
#		Peter Zurich <peter.zurich@swc.com>
avantageb2b	2131/tcp	Avantageb2b
avantageb2b	2131/udp	Avantageb2b
#		Avi Software <srobert@logava.com>
avail-epmap	2132/tcp	AVAIL-EPMAP
avail-epmap	2132/udp	AVAIL-EPMAP
#		Mark Armstrong <avail@pacbell.net>
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

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# Steve Tuecke <tuecke@mcs.anl.gov>
appworxsrvtcp2136APPWORXSRV
appworxsrvtcp2136APPWORXSRV
# Fred McLain <fmclain@appworx.com>
connecttcp2137CONNECT
connectudp2137CONNECT
# Reid Ligon <reid@connectrf.com>
unbind-clustertcp2138UNBIND-CLUSTER
unbind-clusterudp2138UNBIND-CLUSTER
# Francois Harvey <securiweb@pandore.qc.ca>
ias-authtcp2139IAS-AUTH
ias-authudp2139IAS-AUTH
ias-regtcp2140IAS-REG
ias-regudp2140IAS-REG
ias-admintcp2141IAS-ADMIND
ias-adminudp2141IAS-ADMIND
# Baiju V. Patel <Baiju.v.patel@intel.com>
tdm-over-iptcp2142TDM-OVER-IP
tdm-over-ipudp2142TDM-OVER-IP
# Tal Gilad <tal_g@rad.co.il>
lv-jctcp2143Live Vault Job Control
lv-jcudp2143Live Vault Job Control
lv-ffxtcp2144Live Vault Fast Object Transfer
lv-ffxudp2144Live Vault Fast Object Transfer
lv-pictcp2145Live Vault Remote Diagnostic Console Support
lv-picudp2145Live Vault Remote Diagnostic Console Support
lv-nottcp2146Live Vault Admin Event Notification
lv-notudp2146Live Vault Admin Event Notification
lv-authtcp2147Live Vault Authentication
lv-authudp2147Live Vault Authentication
# Ted Hess <thess@livevault.com>
veritas-ucltcp2148VERITAS UNIVERSAL COMMUNICATION LAYER
veritas-ucludp2148VERITAS UNIVERSAL COMMUNICATION LAYER
# Songlin Ren <ren@veritas.com>
acptstcptcp2149ACPTSYS
acptstcpudp2149ACPTSYS
# Michael Lekias <admin@psdesign.com.au>
dynamic3dtcp2150DYNAMIC3D
dynamic3dudp2150DYNAMIC3D
# Tobias Wegner <wegner@novagate.de>
docenttcp2151DOCENT
docentudp2151DOCENT
# Hali Lindbloom <halil@docent.com>
gtp-usertcp2152GTP-User Plane (3GPP)
gtp-userudp2152GTP-User Plane (3GPP)
# Alessio Casati <a.casati@computer.org>
# 2153-2158 Unassigned
gdbremotetcp2159GDB Remote Debug Port
gdbremoteudp2159GDB Remote Debug Port
# Nigel Stephens <nigel@algor.co.uk>
apc-cmstcp2160APC Central Mgmt Server
apc-cmsudp2160APC Central Mgmt Server
# Chris Kuiawa <ckuiawa@apcc.com>
apc-agentscp2161APC Agent
apc-agentudp2161APC Agent
# Todd Giaquinto <tgiaquin@apcc.com>
navispheretcp2162Navisphere
navisphereudp2162Navisphere
navisphere-sectcp2163Navisphere Secure
navisphere-secudp2163Navisphere Secure
# Andreas Bauer <bauer_andreas@emc.com>
ddns-v3tcp2164Dynamic DNS Version 3
ddns-v3udp2164Dynamic DNS Version 3
# Alan Yates <alany@ay.com.au>
x-bone-apitcp2165X-Bone API
x-bone-apiudp2165X-Bone API
# Joe Touch <touch@isi.edu>
iwservertcp2166iwserver
iwserverudp2166iwserver
# Fred Surr <quest_iana@oz.quest.com>
raw-serialetcp2167Raw Async Serial Link
raw-serialudp2167Raw Async Serial Link
# Benjamin Green <benjamin@lh.co.nz>
# 2168-2179 Unassigned
mc-gt-srvtcp2180Millicent Vendor Gateway Server
mc-gt-srvudp2180Millicent Vendor Gateway Server
# Steve Glassman <steveg@pa.dec.com>
eforwardtcp2181eforward
eforwardudp2181eforward
# Greg Pringle <greg@corvedia.com>
# 2182-2189 Unassigned
tivoconnecttcp2190TiVoConnect Beacon
tivoconnectudp2190TiVoConnect Beacon
# Jeffrey J. Peters <jpeters@tivo.com> August 2002
# 2191-2199 Unassigned
icitcp2200ICI
iciudp2200ICI

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# Brent Hines <brent.hines@unisis.com>
ats 2201/tcp Advanced Training System Program
ats 2201/udp Advanced Training System Program
#
imtc-map 2202/tcp Int. Multimedia Teleconferencing Consortium
imtc-map 2202/udp Int. Multimedia Teleconferencing Consortium
# Pat Galvin <pgalvin@databeam.com>
kali 2213/tcp Kali
kali 2213/udp Kali
# Jay Cotton <JAY@calc.vet.uga.edu>
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>
#
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@tpe1.sercomm.com.tw>
nani 2236/tcp Nani
nani 2236/udp Nani
# 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@gd-cs.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>
nmserver 2244/tcp NMS Server
nmserver 2244/udp NMS Server
# Dmitry Krasnonosenkikh
# <Dmitry_Krasnonosenkikh@nmss.com>
hao 2245/tcp Ha0
hao 2245/udp Ha0
# 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>
# 2247 Unassigned
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 <schmidh@de.ibm.com>
dtv-chan-req 2253/tcp DTV Channel Request
dtv-chan-req 2253/udp DTV Channel Request

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#		Richard Hodges <rh@matriplex.com>
seispoc	2254/tcp	Seismic P.O.C. Port
seispoc	2254/udp	Seismic P.O.C. Port
#		Robert Reimiller <bob@certsoft.com>
vrtp	2255/tcp	VRTP - ViRtue Transfer Protocol
vrtp	2255/udp	VRTP - ViRtue Transfer Protocol
#		Max Fudim <fudim@virtue3d.com>
#	2256-2259	Unassigned
apc-pbeconsole	2260/tcp	APC Console Comm Port
apc-pbeconsole	2260/udp	APC Console Comm Port
#		David Cardimino <dcardimi@apcc.com> February 2002
#	2261-2278	Unassigned
xmquery	2279/tcp	xmquery
xmquery	2279/udp	xmquery
#		Niels Christiansen <nchris@austin.ibm.com>
lnvpoller	2280/tcp	LNVPOLLER
lnvpoller	2280/udp	LNVPOLLER
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>
#	2289-2293	Unassigned
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>
cvmmon	2300/tcp	CVMMON
cvmmon	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@compaq.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 Ganelos <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

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# Jeurgen Broesamle <juergb@bbn.hp.com>
messageservice 2311/tcp Message Service
messageservice 2311/udp Message Service
# No contact Listed
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
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 Obsorn <kosborn@meridian-data.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 <rdemornay@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 <chris@c@wrs.com>
xiostatus 2341/tcp XIO Status

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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
#		David Pierce <David.Pierce@natinst.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
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
#		Paul Reddy <Paul@pharos.co.nz>
gxtelmd	2356/tcp	GXT License Managemant
gxtelmd	2356/udp	GXT License Managemant
#		Robert Hodgson <rrh@gxt.com>
unihub-server	2357/tcp	UniHub Server
unihub-server	2357/udp	UniHub Server
#		Tim Kenyon <Tim_Kenyon@csicontrols.com>
futrix	2358/tcp	Futrix
futrix	2358/udp	Futrix
#		Peter Frankenberg <pcfberg@ibm.net>
flukeserver	2359/tcp	FlukeServer
flukeserver	2359/udp	FlukeServer
#		Bill Marbaker <wrm@fortenet.com>
nexstorindltd	2360/tcp	NexstorIndLtd
nexstorindltd	2360/udp	NexstorIndLtd
#		NexStor India Limited <next@nda.vsnl.net.in>
tl1	2361/tcp	TL1
tl1	2361/udp	TL1
#		Charles Scott Roberson <chip@cerent.com>
digiman	2362/tcp	digiman
digiman	2362/udp	digiman
#		Aaron S. Kurland <akurland@netsilicon.com>
mediacntrlnfspd	2363/tcp	Media Central NFSD
mediacntrlnfspd	2363/udp	Media Central NFSD
#		shivakumar s. govindarajapuram <shivak@eng.sun.com>
oi-2000	2364/tcp	OI-2000
oi-2000	2364/udp	OI-2000
#		Software Horizons Inc. <oi2000@shorizons.com>
dbref	2365/tcp	dbref
dbref	2365/udp	dbref
#		Yoshihiro Yamazaki <yamazaki@ael.fujitsu.co.jp>
qip-login	2366/tcp	qip-login
qip-login	2366/udp	qip-login
#		Mike Morgan <mmorgan@lucent.com>
service-ctrl	2367/tcp	Service Control
service-ctrl	2367/udp	Service Control
#		Humberto Sanchez <Humberto_Sanchez@hp.com>
opentable	2368/tcp	OpenTable
opentable	2368/udp	OpenTable
#		Thomas Theobald <ttheobald@opentable.com>
acs2000-dsp	2369/tcp	ACS2000 DSP
acs2000-dsp	2369/udp	ACS2000 DSP
#		Jeffrey Beauchamp <jeffrey.beauchamp@acs2000.net>
l3-hbmon	2370/tcp	L3-HBMon
l3-hbmon	2370/udp	L3-HBMon
#		Dolores Scott <Dolores.Scott@L-3security.com>
#### Port 2370		Unofficially used by Compaq ####
worldwire	2371/tcp	Compaq WorldWire Port
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

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# Scott Shaffer <scott.shaffer@compaq.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>
rsmtp 2390/tcp RSMTP
rsmtp 2390/udp RSMTP
# 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_maeckal@filemaker.com>
opequus-server 2400/tcp OpEquus Server
opequus-server 2400/udp OpEquus Server
# Gavin Hutchinson <gavin@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>
iec870-5-104 2404/tcp IEC870-5-104
iec870-5-104 2404/udp IEC870-5-104
# Walter Eichelburg <ei@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>

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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 Deblier <bob@virtualunlimited.com>
comtest	2415/tcp	COMTEST
comtest	2415/udp	COMTEST
#		Sylvia Ross <ssross@comtest.co.uk>
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>
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@hds.at>
mvp	2438/tcp	MSP
mvp	2438/udp	MSP
#		Evan Caves <evan@acc.com>
sybasebsynch	2439/tcp	SybaseDBSynch
sybasebsynch	2439/udp	SybaseDBSynch
#		Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
spearway	2440/tcp	Spearway Lockers
spearway	2440/udp	Spearway Lockers
#		Pierre Frisch <Pierre.Frisch@spearway.com>
pvs-inet	2441/tcp	pvs-inet
pvs-inet	2441/udp	pvs-inet
#		John McDowell <John.McDowell@pervasive.com>
netangel	2442/tcp	Netangel
netangel	2442/udp	Netangel

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# Ladislav Baranyay <identcod@identcode.sk>
powerclientsf 2443/tcp PowerClient Central Storage Facility
powerclientsf 2443/udp PowerClient Central Storage Facility
# Brian Klassen <Brian.Klassen@Unisys.com>
btpp2sectrans 2444/tcp BT PP2 Sectrans
btpp2sectrans 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>
hppssvr 2448/tcp hppssvr
hppssvr 2448/udp hppssvr
# 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-om 2453/tcp madge-om
madge-om 2453/udp madge-om
# Andrew Draper <adraper@dev.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
# Uwe Rathert <uwe.rathert@ieee.org>
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
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 <a-antonk@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>
lbn 2465/tcp Load Balance Management
lbn 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 <bonin@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

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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)
ssm-els	2479/udp	SecurSight Event Logging Server (SSL)
#		John Linn <jlinn@securitydynamics.com>
lingwood	2480/tcp	Lingwood's Detail
lingwood	2480/udp	Lingwood's Detail
#		Dave Richmond <dritchmond@striva.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
#		Shelia Childs <sheila_childs@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@ding.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
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
#		<S9552sta@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

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# Jean-Christophe Desire
# <Jean-Christophe_Desire@NMS-Europe.com>
wlbs 2504/tcp WLBS
wlbs 2504/udp WLBS
# William Bain <bbain@microsoft.com>
# 2505 Removed (2002-06-14)
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
willy 2518/udp Willy
# Carl-Johan Wik <cjw@hudsmoar.com>
globmsgsvc 2519/tcp globmsgsvc
globmsgsvc 2519/udp globmsgsvc
# David Wiltz <dwiltz@hf.intel.com>
pvs 2520/tcp pvs
pvs 2520/udp pvs
# Ghassan Yammine <Ghassan.Yammine@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
# Peter Ostermann <peter.ostermann@kecam-han.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 <tr@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

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#		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>
btpp2audctr1	2536/tcp	btpp2audctr1
btpp2audctr1	2536/udp	btpp2audctr1
#		Ian Daniels <btexact.ports@bt.com>
upgrade	2537/tcp	Upgrade Protocol
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>
vsiaadmin	2539/tcp	VSI Admin
vsiaadmin	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>
davinci	2542/tcp	daVinci Presenter
davinci	2542/udp	daVinci Presenter
#		b-novative GmbH <info@b-novative.com>
reftek	2543/tcp	REFTEK
reftek	2543/udp	REFTEK
#		Robert Banfill <r.banfill@reftek.com>
novell-zen	2544/tcp	Novell ZEN
novell-zen	2544/udp	Novell ZEN
#		Randy Cook <RACOOK@novell.com>
sis-emt	2545/tcp	sis-emt
sis-emt	2545/udp	sis-emt
#		Bill Crawford <Bill.Crawford@securicor.co.uk>
vytalvaultbrtp	2546/tcp	vytalvaultbrtp
vytalvaultbrtp	2546/udp	vytalvaultbrtp
vytalvaultvsmp	2547/tcp	vytalvaultvsmp
vytalvaultvsmp	2547/udp	vytalvaultvsmp
vytalvaultpipe	2548/tcp	vytalvaultpipe
vytalvaultpipe	2548/udp	vytalvaultpipe
#		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 <mc30@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
nicetec-mgmt	2557/udp	nicetec-mgmt
#		Joerg Paulus <tech@nicetec.de>
pclmultimedia	2558/tcp	PCLE Multi Media
pclmultimedia	2558/udp	PCLE Multi Media
#		Bernd Scharping <bscharping@pinnaclsys.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	CECSV
cecsvc	2571/udp	CECSV
#		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
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@invin.com>
maytagshuffle	2591/tcp	Maytag Shuffle
maytagshuffle	2591/udp	Maytag Shuffle
#		Maytag Corporation <hbuck@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@end.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
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>
meridiandata	2599/tcp	Meridian Data
meridiandata	2599/udp	Meridian Data
#		David Stahl <dstahl@meridian-data.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 <greg@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>
qpasagent	2612/tcp	Qpas Agent
qpasagent	2612/udp	Qpas 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
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.Balesta@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
sitaramgmt	2630/tcp	Sitara Management
sitaramgmt	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
#		Dave Finnegan <dave@syncinc.com>
upsnotifyprot	2648/tcp	Upsnotifyprot
upsnotifyprot	2648/udp	Upsnotifyprot
#		Mario Leboute <Leboute@pro.via-rs.com.br>
vpsipport	2649/tcp	VPSIPPORT
vpsipport	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 <lfteris@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
#		Richard Nikula <richard_nikula@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>
simslink	2676/tcp	SIMSLink
simslink	2676/udp	SIMSLink
#		Steve Ryckman <sryckman@simsware.com>
gadgetgate1way	2677/tcp	Gadget Gate 1 Way
gadgetgate1way	2677/udp	Gadget Gate 1 Way
gadgetgate2way	2678/tcp	Gadget Gate 2 Way
gadgetgate2way	2678/udp	Gadget Gate 2 Way
#		Matt Rollins <matt@internetgadgets.com>
syncserverssl	2679/tcp	Sync Server SSL
syncserverssl	2679/udp	Sync Server SSL
#		Dave Finnegan <dave@syncinc.com>
pxc-sapxom	2680/tcp	pxc-sapxom
pxc-sapxom	2680/udp	pxc-sapxom
#		Hideki Kiriya <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@sewell.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>
belarc-http	2693/tcp	belarc-http
belarc-http	2693/udp	belarc-http
#		Gary Newman <gnewman@belarc.com>
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-snmp-trap	2697/tcp	Oce SNMP Trap Port
oce-snmp-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
#		Martin Proulx <mproulx@okiok.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
#		Edmund Chang <Edmund_Chang@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>
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 <engerim@dachbu.de>
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>
uadt	2767/tcp	UADTC
uadt	2767/udp	UADTC
uacs	2768/tcp	UACS
uacs	2768/udp	UACS
#		Vishwas Lele <Vishwas_Lele@appliedis.com>
singlept-mvs	2769/tcp	Single Point MVS
singlept-mvs	2769/udp	Single Point MVS
#		Thomas Anderson <anderson@clark.net>
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>
pcbakcup1	2773/tcp	PC Backup
pcbakcup1	2773/udp	PC Backup
pcbakcup2	2774/tcp	PC Backup
pcbakcup2	2774/udp	PC 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.blumoon.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>
mtport-regist	2791/tcp	MT Port Registrator
mtport-regist	2791/udp	MT Port Registrator
#		Maxim Tseitlin <mtseitlin@iname.com>
f5-globalsite	2792/tcp	f5-globalsite
f5-globalsite	2792/udp	f5-globalsite
#		Christian Saether <c.saether@f5.com>
initlmsad	2793/tcp	initlmsad
initlmsad	2793/udp	initlmsad
#		Kelly Green <green@compaq.com>
aaftp	2794/tcp	aaftp
aaftp	2794/udp	aaftp
#		E. Jay Berkenbilt <ejb@ql.org>
livestats	2795/tcp	LiveStats
livestats	2795/udp	LiveStats
#		Chris Greene <cgreene0A@avidsports.com>
ac-tech	2796/tcp	ac-tech
ac-tech	2796/udp	ac-tech
#		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>
telexis-vtu	2804/tcp	Telexis VTU
telexis-vtu	2804/udp	Telexis VTU
#		Todd White <twhite@telexicorp.com>
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
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>
vml-dms	2821/tcp	vml_dms
vml-dms	2821/udp	vml_dms
#		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
#		Miles O'Neal <meo@us.itmasters.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@silkneta.com>
glishd	2833/tcp	glishd
glishd	2833/udp	glishd
#		Darrell Schiebel <dschiebel@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
#		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

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# 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 <torsten.scheffler@apex.de>
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>
webemshhttp 2851/tcp webemshhttp
webemshhttp 2851/udp webemshhttp
# 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>
cesdinv 2856/tcp cesdinv
cesdinv 2856/udp cesdinv
# Yoshiaki Tokumoto <toku@pfu.co.jp>
simctlp 2857/tcp SimCtlIP
simctlp 2857/udp SimCtlIP
# Christian Zietz <czietz@gmx.net>
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 <r@lamb@microsoft.com>
daishi 2870/tcp daishi
daishi 2870/udp daishi

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#		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>
paspar2-zoomin	2873/tcp	PASPAR2 ZoomIn
paspar2-zoomin	2873/udp	PASPAR2 ZoomIn
#		Amonn David <amnon@paspar2.com>
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>
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
#		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
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 <pfh@dial.pipex.com>
tksocket	2915/tcp	TK Socket
tksocket	2915/udp	TK Socket
#		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@heroix.co.uk>
roboeda	2920/tcp	ROBOEDA
roboeda	2920/udp	ROBOEDA
#		Paul Snook <paul.snook@heroix.co.uk>
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@media.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
qtp	2935/udp	QTP
#		Cameron Young <Cameron_Young@inetco.com>
otpatch	2936/tcp	OTPatch
otpatch	2936/udp	OTPatch
#		Thomas J. Theobald <ttheobald@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
h248-binary	2945/tcp	H248 Binary
h248-binary	2945/udp	H248 Binary
#		Tom Taylor <taylor@nortelnetworks.com>
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 <fredrik.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
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 <davidr@adicarte.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
zarkov	2989/udp	ZARKOV
#		Robin Felix <devel@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

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#                               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
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
#                               Tim Farley <TFarley@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>
redwood-broker 3001/tcp            Redwood Broker
redwood-broker 3001/udp            Redwood Broker
#                               Joseph Morrison <joe@powerframe.com>
exlm-agent   3002/tcp            EXLM Agent
exlm-agent   3002/udp            EXLM Agent
#                               Randy Martin <exlmoc@clemsun.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@ortelnetworks.com>
lotusmtap    3007/tcp            Lotus Mail Tracking Agent Protocol
lotusmtap    3007/udp            Lotus Mail Tracking Agent Protocol
#                               Ken Lin <ken_lin@lotus.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
#                               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>
svrc_registry 3018/tcp            Service Registry
svrc_registry 3018/udp            Service Registry

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#		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
#		Mark Ellison <ellison@ieee.org>
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
#		Seth Silverman <seth@arepa.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
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	BRP
brp	3043/udp	BRP
#		Greg Gee <ggee@hns.com>
epp	3044/tcp	EndPoint Protocol
epp	3044/udp	EndPoint Protocol
#		Stephen Cipolli <scipolli@radvision.com>
responsetnet	3045/tcp	ResponseNet
responsetnet	3045/udp	ResponseNet
#		Chul Yoon <cyoon@responsetnetworks.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
galaxy-server	3051/udp	Galaxy Server
#		Michael Andre <mandre@gts-tkts.com>
apccpns	3052/tcp	APCCPNS
apccpns	3052/udp	APCCPNS
#		Stephen Berard <sberard@apcc.com>
dsom-server	3053/tcp	dsom-server
dsom-server	3053/udp	dsom-server
#		Daniel Sisk <danielr.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 Gardi <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>
rpprt	3064/tcp	Remote Port Redirector
rpprt	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>
ls3bcast	3068/tcp	ls3 Broadcast
ls3bcast	3068/udp	ls3 Broadcast
ls3	3069/tcp	ls3
ls3	3069/udp	ls3
#		Andrei Tsyganenko <atsyganenko@powerware.com>
mgxswitch	3070/tcp	MGXSWITCH
mgxswitch	3070/udp	MGXSWITCH
#		George Walter <george.walter@ascentialsoftware.com>
csd-mgmt-port	3071/tcp	ContinuStor Manager Port
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

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# Darshan Shah <darshan.shah@ni.com>
stm_pproc 3080/tcp stm_pproc
stm_pproc 3080/udp stm_pproc
# Paul McGinnis <pmcginnis@server.stmi.com>
tl1-lv 3081/tcp TL1-LV
tl1-lv 3081/udp TL1-LV
tl1-raw 3082/tcp TL1-RAW
tl1-raw 3082/udp TL1-RAW
tl1-telnet 3083/tcp TL1-TELNET
tl1-telnet 3083/udp TL1-TELNET
# SONET Internetworking Forum (SIF)
# <bwarisman@lucent.com> - SONET Contact
itm-mccs 3084/tcp ITM-MCCS
itm-mccs 3084/udp ITM-MCCS
# Alain Callebaut <ac@itmasters.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 <amosberg@asoki.net>
xdtcp 3088/tcp eXtensible Data Transfer Protocol
xdtcp 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>
rtss 3090/tcp Rappore Session Services
rtss 3090/udp Rappore Session Services
# Peter Boucher <pboucher@rappore.com>
lci-smcs 3091/tcp lCi Server Management
lci-smcs 3091/udp lCi Server Management
# Ralf Bensmann <iana@lci.de>
njfss 3092/tcp Netware sync services
njfss 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
ituq2150-3-stc 3097/sctp ITU Q.2150.3 STC
# 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 Borsting <Trond.Borsting@telelogic.com>
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 <bkeefe@cnd.hp.com>
slslavemon 3102/tcp Softlink Slave Mon Port
slslavemon 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>

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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
#		Manuel Veloso <veloso@us.itmasters.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>
epp-temp	3121/tcp	Extensible Provisioning Protocol
epp-temp	3121/udp	Extensible Provisioning Protocol
#		Scott Hollenbeck <shollenbeck@verisign.com>
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@tecccon.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-slipstream	3132/tcp	MS-Slipstream
ms-slipstream	3132/udp	MS-Slipstream
#		Jin Li <jinli@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

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#           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
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>
ccmrm       3154/tcp ON RMI Registry
ccmrm       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
#           Don Schoenecker
#           <don.schoenecker@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>
doc1lm      3161/tcp DOC1 License Manager
doc1lm      3161/udp DOC1 License Manager
#           Greg Goodson <ggoodson@group1software.co.uk>
sflm        3162/tcp SFLM
sflm        3162/udp SFLM
#           Keith Turner <support@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>
qreposit    3166/tcp Quest Repository
qreposit    3166/udp Quest Repository
#           Fred Surr <quest_iana@oz.quest.com>
poweroncontact 3167/tcp poweroncontact
poweroncontact 3167/udp poweroncontact
poweronnud  3168/tcp poweronnud
poweronnud  3168/udp poweronnud
#           Paul Cone <paul@poweronsoftware.com>
serverview-as 3169/tcp SERVERVIEW-AS
serverview-as 3169/udp SERVERVIEW-AS

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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
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
#		Ade Adebayo <ade@us.itmasters.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 <steve@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
#		Eric Anderson <eric_anderson@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
firemonrcc	3192/udp	FireMon Revision Control
#		Michael Bishop <mbishop@fishnetsecurity.com>
cordataport	3193/tcp	Cordaxis Data Port
cordataport	3193/udp	Cordaxis Data Port
#		Jay Fesco <jay@cordaxis.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 <elliott@embracenetworks.com>
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-taskmart	3201/tcp	CPQ-TaskSmart
cpq-taskmart	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
#		Josh Tseng <jtseng@nishansystems.com>
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>
netwpathengine	3209/tcp	HP OpenView Network Path Engine Server
netwpathengine	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>
avsecuregmt	3211/tcp	Avocent Secure Management
avsecuregmt	3211/udp	Avocent Secure Management
#		Brian S. Stewart <Brian.Stewart@Avocent.com>
surveyinst	3212/tcp	Survey Instrument
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>
jqm-daemon-1	3214/tcp	JMQ Daemon Port 1
jqm-daemon-1	3214/udp	JMQ Daemon Port 1
jqm-daemon-2	3215/tcp	JMQ Daemon Port 2
jqm-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@wmsoftware.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
#		Murali Rajagopal <muralir@lightsand.com>
isi-irp	3226/tcp	ISI Industry Software IRP
isi-irp	3226/udp	ISI Industry Software IRP
#		Peter Sandstrom <peter.sandstrom@tassen.fi>
dwnmshhttp	3227/tcp	DiamondWave NMS Server
dwnmshhttp	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>

dsn1	3231/tcp	Delta Solutions Direct
dsn1	3231/udp	Delta Solutions Direct
#		Peter Ijkhout <peter@deltasolutions.nl>
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@imgold.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
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
#		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>
sxmp	3273/tcp	Simple Extensible Multiplexed Protocol
sxmp	3273/udp	Simple Extensible Multiplexed Protocol
#		Stuart Newman <stuart.newman@fortel.com>
ordinox-server	3274/tcp	Ordinox Server
ordinox-server	3274/udp	Ordinox Server
#		Guy Letourneau <gletourneau@ordinox.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
amind	3279/tcp	amind
amind	3279/udp	amind
#		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@datus-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
#		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 <rh@nmail.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>
transview	3298/tcp	Transview
transview	3298/udp	Transview
#		Richard Obermeier <richard.obermeier@mch.sni.de>
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
#		<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

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# 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-calyпсоicf 3330/tcp MCS Calypso ICF
mcs-calyпсоicf 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
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
btrieve 3351/udp BTRIEVE
ssql 3352/tcp SSQL
ssql 3352/udp SSQL
# John McDowell <jmcdowel@pervasive-sw.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
# Guy Litourneau <gletourneau@ordinox.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

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# 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 Matic <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
sns-channels 3380/tcp SNS Channels
sns-channels 3380/udp SNS Channels
# Shekar Pasumarthi <shekar@firstfloor.com>
geneous 3381/tcp Geneous
geneous 3381/udp Geneous
# Nick de Smith <nick.desmith@histech.com>
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>

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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
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
copysnap	3403/tcp	CopySnap Server Port
copysnap	3403/udp	CopySnap Server Port
#		Steve Zellers <zellers@basilsoft.com> February 2002
#	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
biolink-auth	3411/udp	BioLink Authenteon
#		Ivan V. Begtin <IBegtin@biolinkusa.com> February 2002
xmlblaster	3412/tcp	xmlBlaster
xmlblaster	3412/udp	xmlBlaster
#		Marcel Ruff <ruff@swand.lake.de> 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
rmap	3418/tcp	Remote nmap
rmap	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
#		Charles Monia <cmonia@nishansystems.com>
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
#		Ronald Tschalaer <rtschalaer@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@pacomsystems.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
#		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 <ron@zoogaloo.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
cddn	3447/tcp	CompuDuo DirectNet
cddn	3447/udp	CompuDuo DirectNet
#		Gregory Richards <GregorR@compuduo.com> 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

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#                               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>
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@cse.sys.co.at>
rcst        3467/tcp             RCST
rcst        3467/udp             RCST
#                               Kit Sturgeon <Kit@remotecontrolsextos.com>
ttcmremotectrl 3468/tcp             TTCM Remote Controll
ttcmremotectrl 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
#                               Gilbert Yeung <gyeung@nvidia.com> April 2002
ecommm      3477/tcp             eComm link port
ecommm      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
#                               Ronald Tschalaer <rtschalaer@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

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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
ltcudp	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
tvdumtray-port	3492/tcp	TVDUM Tray Port
tvdumtray-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
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.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 <dylon@dialout.net> May 2002
rtmp-port	3500/tcp	RTMP Port
rtmp-port	3500/udp	RTMP Port
#		Miriam Wohlgelernter <miriam@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@Avocent.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 <cclermonte@4xtechnologies.com>
ccmcomm	3505/tcp	CCM communications port
ccmcomm	3505/udp	CCM communications port
#		Tom Bougan <tomb@apptechsys.com>
apc-aem-status	3506/tcp	APC Device Status Port
apc-aem-status	3506/udp	APC Device Status Port
#		Jeffrey B. Collemer <jcolleme@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
#		Andy Niksch <andyn@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
#		Alan Francis <AlanF@zonal.co.uk> May 2002
arcpd	3513/tcp	Adapttec Remote Protocol
arcpd	3513/udp	Adapttec 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	D0 over NSocketPort
nsocketport	3522/udp	D0 over NSocketPort
#		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.bluemoon.ee> June 2002
raven-rmp	3532/tcp	Raven Remote Management Control
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 <eric@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 <igorko@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@df3300.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
#		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
#		Raymond Lyons <rlyons@vicon-cctv.com> July 2002
iniserive-port	3560/tcp	INIServe port
iniserive-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
#		Alon Tam <alon_tam@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
#		Tom George <Tom.George@alcatel.com> May 2002
qsintelligent	3566/tcp	Quest Intelligent
qsintelligent	3566/udp	Quest Intelligent
#		Bruce Crosgrave <quest_iana@oz.quest.com> April 2002
emware-oft	3567/tcp	emWare OFT Services
emware-oft	3567/udp	emWare OFT Services
#		Bryant Eastham <beastham@emware.com> August 2002
gamesmith-port	3568/tcp	GameSmith Port
gamesmith-port	3568/udp	GameSmith Port
#		Randy Thompson <thompr@earthlink.net> August 2002
mbg-ctrl	3569/tcp	Meinberg Control Service
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@sil.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 <abharali@peribit.com> 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@clabms.de> 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 <igorko@microsoft.com> August 2002
sentinel	3588/tcp	Sentinel Server
sentinel	3588/udp	Sentinel Server
#		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@illusionssoftworks.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
#		Mike Behne <Mike_Behne@bmc.com> September 2002
comcam-io	3605/tcp	ComCam IO Port
comcam-io	3605/udp	ComCam IO Port

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# Don Gilbreath <don@comcam.net> September 2002
splitlock 3606/tcp Splitlock Server
splitlock 3606/udp Splitlock Server
# 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
# Eric Brod <ericb@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
# Dan Hansen <dhansen@dimensional.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 McAllen <cmcallen@alarismed.com> October 2002
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 <Bill@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 HAIPIIS Dynamic Discovery
haipe-discover 3623/udp HAIPIIS Dynamic Discovery
# Mike Irani <irani_mike@bah.com> October 2002
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
bvcddaemon-port 3626/tcp bvControl Daemon
bvcddaemon-port 3626/udp bvControl Daemon
# Ravi Gokhale <rgokhale@bindview.com> October 2002
jamserverport 3627/tcp Jam Server Port
jamserverport 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 <easyp@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
# 3632-3671 Unassigned
lispworks-orb 3672/tcp LispWorks ORB
lispworks-orb 3672/udp LispWorks ORB
# Lisp Support <lisp-support@xanalys.com>
# 3673-3708 Unassigned
ca-idms 3709/tcp CA-IDMS Server
ca-idms 3709/udp CA-IDMS Server
# Dave Ross <david.ross@ca.com>
# 3710-3736 Unassigned
sphidia-port 3737/tcp Sphidia Game Port
sphidia-port 3737/udp Sphidia Game Port

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# Steven Cento <steven@sphidia.com>
# 3738-3801 Unassigned
vhd 3802/tcp VHD
vhd 3802/udp VHD
# Chris Duncombe <cdunc@intoo.com>
# 3803-3844 Unassigned
v-one-spp 3845/tcp V-ONE Single Port Proxy
v-one-spp 3845/udp V-ONE Single Port Proxy
# Daniel Becker <dbecker@v-one.com>
# 3846-3861 Unassigned
giga-pocket 3862/tcp GIGA-POCKET
giga-pocket 3862/udp GIGA-POCKET
# Yoshikazu Watanabe <nabe@sm.sony.co.jp>
# 3863-3874 Unassigned
pnbscada 3875/tcp PNBSCAD
pnbscada 3875/udp PNBSCAD
# Philip N. Bergstresser <phil@bergstresser.org>
# 3876-3884 Unassigned
topflow-ssl 3885/tcp TopFlow SSL
topflow-ssl 3885/udp TopFlow SSL
# Ken Nelson <nelson@TopLayer.com>
# 3886-3899 Unassigned
udt_os 3900/tcp Unidata UDT OS
udt_os 3900/udp Unidata UDT OS
# James Powell <james@mailhost.unidata.com>
# 3901-3938 Unassigned
aamp 3939/tcp Anti-virus Application Management Port
aamp 3939/udp Anti-virus Application Management Port
# In-sik Choi <iscard@virusdesk.com> February 2002
# 3940-3983 Unassigned
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>
# 3988-3999 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
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@cp10.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

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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 <ladurelle@partimage.org>
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@empt.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 Authorize Server
vrts-auth-port	4032/udp	VERITAS Authorize Server
#		Stefan P.W. Winkel <stefan@veritas.com>
sanavigator	4033/tcp	SANavigator Peer Port
sanavigator	4033/udp	SANavigator Peer Port
#		Robert J. Chansler <rchansler@SANavigator.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>
#	4037-4039	Unassigned
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>
#	4043-4095	Unassigned
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
#		Vincent Chin <vincent_chin@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
#	4101-4131	Unassigned
nuts_dem	4132/tcp	NUTS Daemon

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nuts_dem      4132/udp  NUTS Daemon
nuts_bootp    4133/tcp  NUTS Bootp Server
nuts_bootp    4133/udp  NUTS Bootp Server
#
nifty-hmi     4134/tcp  NIFTY-Serve HMI protocol
nifty-hmi     4134/udp  NIFTY-Serve HMI protocol
#
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
#
# Norm Brie <norm_brie@sns.ca>
##### Comuserve (unofficially) is using port 4144 #####
#
vvr-control   4145/tcp  VVR Control
vvr-control   4145/udp  VVR Control
#
# Ming Xu <ming@veritas.com>
#
# 4146-4153   Unassigned
atlinks       4154/tcp  atlinks device discovery
atlinks       4154/udp  atlinks device discovery
#
# Scott Griepentrog <griepentrog@atlinks.com> October 2002
#
# 4155-4159   Unassigned
jini-discovery 4160/tcp  Jini Discovery
jini-discovery 4160/udp  Jini Discovery
#
# Mark Hodapp <mark.hodapp@sun.com>
#
# 4161-4198   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>
#
# 4301-4320   Unassigned
rwhois        4321/tcp  Remote Who Is
rwhois        4321/udp  Remote Who Is
#
# Mark Kesters <markk@internic.net>
unicall       4343/tcp  UNICALL
unicall       4343/udp  UNICALL
#
# James Powell <james@enghp.unidata.comp>
vinainstall   4344/tcp  VinaInstall
vinainstall   4344/udp  VinaInstall
#
# Jay Slupesky <jjs@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>
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>
fsportmap     4349/tcp  File System Port Map
fsportmap     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
#
# 4352        Unassigned
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>
#
# 4359-4441   Unassigned
saris         4442/tcp  Saris
saris         4442/udp  Saris
pharos        4443/tcp  Pharos
pharos        4443/udp  Pharos

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# 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 UPNOTIFY
upnotifyp 4445/udp UPNOTIFY
# Mark Fox <markf@uplanet.com>
n1-fw 4446/tcp N1-FWP
n1-fw 4446/udp N1-FWP
n1-rmgmt 4447/tcp N1-RMGMT
n1-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 <uri@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>
# 4458-4499 Unassigned
ipsec-msft 4500/tcp Microsoft IPsec NAT-T
ipsec-msft 4500/udp Microsoft IPsec NAT-T
# Christian Huitema <Huitema@microsoft.com> March 2002
# 4501 De-registered (08 June 2001)
# IANA <iana@iana.org>
# 4502-4544 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>
# 4548-4554 Unassigned
rsip 4555/tcp RSIP Port
rsip 4555/udp RSIP Port
# RFC 3103
# 4556-4558 Unassigned
hylafax 4559/tcp HylaFAX
hylafax 4559/udp HylaFAX
# Lee Howard <iana@hylafax.org> March 2002
# 4560-4566 Unassigned
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
# Randall De Weerd <rdeweerd@bmc.com>
# 4569-4599 Unassigned
piranha1 4600/tcp Piranha1
piranha1 4600/udp Piranha1
piranha2 4601/tcp Piranha2
piranha2 4601/udp Piranha2
# Primark Corporation <joe.boone@primark.com>
# 4602-4659 Unassigned
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>

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# 4662-4671 Unassigned
rfa 4672/tcp remote file access server
rfa 4672/udp remote file access server
# 4673-4751 Unassigned
snap 4752/tcp Simple Network Audio Protocol
snap 4752/udp Simple Network Audio Protocol
# Dameon Wagner <d.wagner@freemail.absa.co.za> February 2002
# 4753-4799 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>
# 4840-4847 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
# 4850-4867 Unassigned
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>
# 4870-4884 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>
# 4895-4982 Unassigned
att-intercom 4983/tcp AT&T Intercom
att-intercom 4983/udp AT&T Intercom
# Tony Hansen <intercom@mailennium.att.com>
# 4984-4986 Unassigned
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>
# 4989-4999 Unassigned
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>
# 5004-5005 Unassigned
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
# WRQ <mark@wrq.com>
synapsis-edge 5008/tcp Synapsis EDGE
synapsis-edge 5008/udp Synapsis EDGE
# Paul Schilling <PaulS@Synapsis.com>
# 5009 Unassigned
telepathstart 5010/tcp TelepathStart
telepathstart 5010/udp TelepathStart
telepathattack 5011/tcp TelepathAttack
telepathattack 5011/udp TelepathAttack
# Helmut Breitenfellner <hbreitenf@vnet.imb.com>
# 5012-5019 Unassigned

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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 Suzuki <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
#		Bill Hayes <bill_s_hayes@agilent.com> October 2002
#	5026-5041	Unassigned
asnaacceler8db	5042/tcp	asnaacceler8db
asnaacceler8db	5042/udp	asnaacceler8db
#		Walter Goodwin <wgoodwin@asna.com>
#	5043-5049	Unassigned
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 PS 1
intecom-ps1	5056/udp	Intecom PS 1
intecom-ps2	5057/tcp	Intecom PS 2
intecom-ps2	5057/udp	Intecom PS 2
#		David Meermans <dmeermans@intecom.com>
#	5058-5059	Unassigned
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
#	5066-5067	Unassigned
stanag-5066	5066/tcp	STANAG-5066-SUBNET-INTF
stanag-5066	5066/udp	STANAG-5066-SUBNET-INTF
#		Donald G. Kallgren
#		<Donald.Kallgren@nc3a.nato.int>
#	5062-5068	Unassigned
i-net-2000-npr	5069/tcp	I/Net 2000-NPR
i-net-2000-npr	5069/udp	I/Net 2000-NPR
#		Kenny Garrison <Kenny_Garrison@csicontrols.com>
#	5070	Unassigned
powerschool	5071/tcp	PowerSchool
powerschool	5071/udp	PowerSchool
#		Greg Porter <gporter@powerschool.com>
#	5072-5080	Unassigned
sdl-ets	5081/tcp	SDL - Ent Trans Server
sdl-ets	5081/udp	SDL - Ent Trans Server
#		Marc Morin <mmorin@sdlintl.com> April 2002
#	5082-5092	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>
#	5100	Unassigned
talarian-tcp	5101/tcp	Talarian_TCP
talarian-udp	5101/udp	Talarian_UDP
#		Leo Martins <leo@talarian.com>
#	5102-5136	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>

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# 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>
# 5153-5164 Unassigned
ife_icorp 5165/tcp ife_icorp
ife_icorp 5165/udp ife_icorp
# Paul Annala <paa@bull.se>
# 5166-5189 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
jabber-client 5222/tcp Jabber Client Connection
jabber-client 5222/udp Jabber Client Connection
# David Waite <mass@akuma.org> February 2002
# 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>
# 5227-5235 Unassigned
padl2sim 5236/tcp
padl2sim 5236/udp
# 5237-5249 Unassigned
igateway 5250/tcp iGateway
igateway 5250/udp iGateway
# Greg Bodine <gregory.bodine@ca.com> February 2002
# 5251-5268 Unassigned
jabber-server 5269/tcp Jabber Server Connection
jabber-server 5269/udp Jabber Server Connection
# David Waite <mass@akuma.org> February 2002
# 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
hacl-test 5305/tcp # HA Cluster Test
hacl-test 5305/udp
# 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>

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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>
tmlogin	5311/tcp	TM Login
tmlogin	5311/udp	TM Login
#		Eric Sharakan <eric.sharakan@east.sun.com>
#	5312-5313	Unassigned
opalis-rbt-ipc	5314/tcp	opalis-rbt-ipc
opalis-rbt-ipc	5314/udp	opalis-rbt-ipc
#		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>
#	5316-5352	Unassigned
mdns	5353/tcp	Multicast DNS
mdns	5353/udp	Multicast DNS
#		Stuart Cheshire <cheshire@multicastdns.org>
#	5354-5399	Unassigned
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	MFTP
mftp	5402/udp	MFTP
#		Alan Rosenberg <arosen@starburstcom.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>
virtualuser	5423/tcp	VIRTUALUSER
virtualuser	5423/udp	VIRTUALUSER

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# Chad Williams <chad@apple.com>
# 5424-5425 Unassigned
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>
# 5433-5434 Unassigned
dttl 5435/tcp Data Tunneling Transceiver Linking (DTTL)
dttl 5435/udp Data Tunneling Transceiver Linking (DTTL)
# Richard Olsen <Olsen7@liquefaction.com>
# 5436-5453 Unassigned
apc-tcp-udp-4 5454/tcp apc-tcp-udp-4
apc-tcp-udp-4 5454/udp apc-tcp-udp-4
apc-tcp-udp-5 5455/tcp apc-tcp-udp-5
apc-tcp-udp-5 5455/udp apc-tcp-udp-5
apc-tcp-udp-6 5456/tcp apc-tcp-udp-6
apc-tcp-udp-6 5456/udp apc-tcp-udp-6
# Christian Kula <ckuiawa@apcc.com>
# 5457-5460 Unassigned
silkmeter 5461/tcp SILKMETER
silkmeter 5461/udp SILKMETER
# Alexander Kotopoulos <alexk@segue.com>
ttl-publisher 5462/tcp TTL Publisher
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>
# 5464 Unassigned
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
# Mark Zeiss <mark.r.zeiss@ac.com>
# 5504-5553 Unassigned
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>
#####
# 5556-5565 Unassigned
udpplus 5566/tcp UDPPPlus
udpplus 5566/udp UDPPPlus
# Cody Gibson <cody.gibson@intermec.com>
# 5567-5598 Unassigned
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 <kimgib@CCGATE-UT.AXENT.COM>
a1-msc 5602/tcp A1-MSC
a1-msc 5602/udp A1-MSC
a1-bs 5603/tcp A1-B5
a1-bs 5603/udp A1-B5
a3-sdunode 5604/tcp A3-SDUNode

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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>
#	5606-5630	Unassigned
pcanywheredata	5631/tcp	pcANYWHEREdata
pcanywheredata	5631/udp	pcANYWHEREdata
pcanywherestat	5632/tcp	pcANYWHEREstat
pcanywherestat	5632/udp	pcANYWHEREstat
#		Jon Rosarky <JRosarky@symantec.com>
#	5633-5672	Unassigned
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
vSua	5675/tcp	V5UA application port
vSua	5675/udp	V5UA application port
#		Sanjay Rao <rsanjay@nortelnetworks.com> February 2002
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
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>
#	5680-5712	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>
#	5718-5728	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
#		MPI Tech Support <morten.christensen@I-DATA.COM>
#	5743-5744	Unassigned
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>
#	5747-5754	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>
#	5769-5770	Unassigned
netagent	5771/tcp	NetAgent
netagent	5771/udp	NetAgent
#		Bradley Birnbaum <bradley.birnbaum@eshare.com>
#	5772-5812	Unassigned
icmpd	5813/tcp	ICMPD
icmpd	5813/udp	ICMPD
#		Shane O'Donnell <shane@openms.org>
#	5814-5858	Unassigned
wherehoo	5859/tcp	WHEREHOO

```

wherehoo      5859/udp  WHEREHOO
#
#             5860-5967 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
#
#             5970-5986 Unassigned
wbem-rmi     5987/tcp  WBEM RMI
wbem-rmi     5987/udp  WBEM RMI
wbem-http    5988/tcp  WBEM HTTP
wbem-http    5988/udp  WBEM HTTP
#
#             Jim Davis <james.d.davis@sun.com>
wbem-https   5989/tcp  WBEM HTTPS
wbem-https   5989/udp  WBEM HTTPS
#
#             Jim Davis <james.d.davis@east.sun.com>
wbem-local   5990/tcp  HP WBEM Local Connection
wbem-local   5990/udp  HP WBEM Local Connection
#
#             Warren Otsuka <warren_otsuka@hp.com> March 2002
nuxsl        5991/tcp  NUXSL
nuxsl        5991/udp  NUXSL
#
#             Kai Kretschmann <K.Kretschmann@security-gui.de> March 2002
cvsup        5992-5998 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>
gsmg         6068/tcp  GSMP
gsmg         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>
#
#             6074-6084 Unassigned
konspire2b   6085/tcp  konspire2b p2p network
konspire2b   6085/udp  konspire2b p2p network
#
#             Jason Rohrer <rohrer@cse.ucsc.edu> October 2002
#
#             6086-6099 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 <aab@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@etconnect.com>
sercomm-scadmin 6108/tcp  Sercomm-SCAdmin

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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>
# 6113-6122 Unassigned
backup-express 6123/tcp Backup Express
backup-express 6123/udp Backup Express
# Chi Shih Chang <cchang@syncsort.com>
# 6124-6140 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
# 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 Fleming <mflemming@aol.com>
tal-pod 6149/tcp tal-pod
tal-pod 6149/udp tal-pod
# Steven Loomis <srl@taligent.com>
# 6150-6252 Unassigned
crip 6253/tcp CRIP
crip 6253/udp CRIP
# Mike Rodbell <mrodbell@ciena.com>
# 6254-6299 Unassigned
bmc-grx 6300/tcp BMC GRX
bmc-grx 6300/udp BMC GRX
# Ed Penak <ed_penak@bmc.com>
# 6301-6320 Unassigned
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 <srđjan@empress.com>
# 6323-6345 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 <d-desroches@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>

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# 6411-6454 Unassigned
skip-cert-recv 6455/tcp SKIP Certificate Receive
skip-cert-send 6456/tcp 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>
# 6472-6499 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
# Ade Adebayo <ade@us.itmasters.com>
# 6511-6546 Unassigned
apc-tcp-udp-1 6547/tcp apc-tcp-udp-1
apc-tcp-udp-1 6547/udp apc-tcp-udp-1
apc-tcp-udp-2 6548/tcp apc-tcp-udp-2
apc-tcp-udp-2 6548/udp apc-tcp-udp-2
apc-tcp-udp-3 6549/tcp apc-tcp-udp-3
apc-tcp-udp-3 6549/udp apc-tcp-udp-3
# Christian Kuiawa <ckuiawa@apcc.com>
fg-sysupdate 6550/tcp fg-sysupdate
fg-sysupdate 6550/udp fg-sysupdate
# Mark Beyer <mbeyer@freegate.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
# 6567-6579 Unassigned
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>
# 6583-6587 Unassigned
# 6588 Unassigned
####Unofficial use of port 6588 by AnalogX and Microsoft####
# 6589-6664 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>
# 6702-6713 Unassigned
ibprotocol 6714/tcp Internet Backplane Protocol
ibprotocol 6714/udp Internet Backplane Protocol
# Alessandro Bassi <abassi@cs.utk.edu>
# 6715-6766 Unassigned
bmc-perf-agent 6767/tcp BMC PERFORM AGENT

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bmc-perf-agent	6767/udp	BMC PERFORM AGENT
bmc-perf-mgrd	6768/tcp	BMC PERFORM MGRD
bmc-perf-mgrd	6768/udp	BMC PERFORM MGRD
#		Dima Seliverstov <Dima_Seliverstov@bmc.com>
#	6769-6788	Unassigned
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>
#	6791-6830	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>
#	6889-6960	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
#		Brian Hammill <brianh@exide.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
microtalon-com	7014/tcp	Microtalon Communications
microtalon-com	7014/udp	Microtalon Communications
talon-webserver	7015/tcp	Talon Webserver

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talon-websvr 7015/udp Talon Websvr
#
# 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
#
# 7022-7029 Unassigned
op-probe 7030/tcp ObjectPlanet probe
op-probe 7030/udp ObjectPlanet probe
#
# 7031-7069 Unassigned
arcp 7070/tcp ARCP
arcp 7070/udp ARCP
#
# 7071-7098 Unassigned
lazy-ptop 7099/tcp lazy-ptop
lazy-ptop 7099/udp lazy-ptop
#
font-service 7100/tcp X Font Service
font-service 7100/udp X Font Service
#
# 7101-7120 Unassigned
virprot-lm 7121/tcp Virtual Prototypes License Manager
virprot-lm 7121/udp Virtual Prototypes License Manager
#
# 7122-7173 Unassigned
clutild 7174/tcp Clutild
clutild 7174/udp Clutild
#
# 7175-7199 Unassigned
fodms 7200/tcp FODMS FLIP
fodms 7200/udp FODMS FLIP
#
dlip 7201/tcp DLIP
dlip 7201/udp DLIP
#
# 7202-7279 Unassigned
itactionserver1 7280/tcp ITACTIONSERVER 1
itactionserver1 7280/udp ITACTIONSERVER 1
itactionserver2 7281/tcp ITACTIONSERVER 2
itactionserver2 7281/udp ITACTIONSERVER 2
#
# 7282-7299 Unassigned
swx 7300-7390 The Swiss Exchange
#
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
#
# 7393-7394 Unassigned
winqedit 7395/tcp winqedit
winqedit 7395/udp winqedit
#
# 7396-7425 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
#
# 7437-7490 Unassigned
faximum 7437/tcp Faximum
faximum 7437/udp Faximum
#
# 7438-7490 Unassigned
telops-lmd 7491/tcp telops-lmd
telops-lmd 7491/udp telops-lmd
#
# 7492-7499 Unassigned
# 7500 Unassigned
ovbus 7501/tcp HP OpenView Bus Daemon
ovbus 7501/udp HP OpenView Bus Daemon
#
# 7502-7509 Unassigned
ovhpas 7510/tcp HP OpenView Application Server
ovhpas 7510/udp HP OpenView Application Server
#
# 7511-7519 Unassigned
pafec-lm 7511/tcp pafec-lm

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pafec-lm	7511/udp	pafec-lm
#		Billy Dhillon <bdsos@pafec.co.uk>
#	7512-7543	Unassigned
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>
#	7546-7565	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
#	7625-7632	Unassigned
pmdfmgmt	7633/tcp	PMDf Management
pmdfmgmt	7633/udp	PMDf Management
#		Hunter Goatley <goathunter@goatley.com>
#	7634-7673	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
#	7677-7742	Unassigned
sstp-1	7743/tcp	Sakura Script Transfer Protocol
sstp-1	7743/udp	Sakura Script Transfer Protocol
#		Kouchi Takeda <KHB05271@nifty.com>
#	7744-7776	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>
#	7787-7796	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
#		Leif Hedstrom <leif@propel.com> April 2002
#	7799-7844	Unassigned
apc-snmpttrap	7845/tcp	APC SNMP Trap Proxy
apc-snmpttrap	7845/udp	APC SNMP Trap Proxy
apc-snmpp	7846/tcp	APC SNMP Proxy
apc-snmpp	7846/udp	APC SNMP Proxy
#		Thomas Wenisch <twenisch@apcc.com>
#	7847-7912	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>
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@micromuse.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 Shafriiri <shafriiri@ilccm1.iil.intel.com>
vcom-tunnel	8001/tcp	VCOM Tunnel
vcom-tunnel	8001/udp	VCOM Tunnel
#		Mark Lewandowski <mlewan0@us.ibm.com>
teradataorbms	8002/tcp	Teradata ORDBMS
teradataorbms	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>
#	8009-8021	Unassigned
oa-system	8022/tcp	oa-system
oa-system	8022/udp	oa-system
#		Denis Girault <Denis.Girault@evidian.com>
#	8023-8031	Unassigned
pro-ed	8032/tcp	ProEd
pro-ed	8032/udp	ProEd
mindprint	8033/tcp	MindPrint
mindprint	8033/udp	MindPrint
#		Larry Tusoni <larry@goldrush.com>
#	8034-8079	Unassigned
http-alt	8080/tcp	HTTP Alternate (see port 80)
http-alt	8080/udp	HTTP Alternate (see port 80)
#		Stephen Casner <casner@precpt.com>
#	8081-8087	Unassigned
radan-http	8088/tcp	Radan HTTP
radan-http	8088/udp	Radan HTTP
#		Steve Hay <Steve.Hay@uk.radan.com> April 2002
#	8089-8099	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
#	8119-8129	Unassigned
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
#		Chris Pugmire <chrisp@netwinsite.com>
#	8133-8159	Unassigned
patrol	8160/tcp	Patrol
patrol	8160/udp	Patrol
patrol-snmp	8161/tcp	Patrol SNMP
patrol-snmp	8161/udp	Patrol SNMP
#		Daisy Tam <Daisy_Tam@bmc.com>
#	8162-8198	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>
#	8209-8350	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@cruisetechn.com>
#	8381-8399	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>
#	8404-8442	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
vp2p	8473/udp	Virtual Point to Point
#		Jerome Grimbert <jerome.grimbert@atosorigin.com>
#	8474-8553	Unassigned
rtsp-alt	8554/tcp	RTSP Alternate (see port 554)
rtsp-alt	8554/udp	RTSP Alternate (see port 554)
#		Stephen Casner <casner@precept.com>
#	8555-8732	Unassigned
ibus	8733/tcp	iBus
ibus	8733/udp	iBus
#		Silvano Maffei <maffei@softwired.ch>
#	8734-8762	Unassigned
mc-appserver	8763/tcp	MC-APPSERVER
mc-appserver	8763/udp	MC-APPSERVER
#		Romeo Kasanwidjojo <romeo@microcomgroup.com>
openqueue	8764/tcp	OPENQUEUE
openqueue	8764/udp	OPENQUEUE
#		Matt Jensen <mattj@newsblip.com>
ultraseek-http	8765/tcp	Ultraseek HTTP
ultraseek-http	8765/udp	Ultraseek HTTP
#		Walter Underwood <wunder@infoseek.com>
#	8766-8803	Unassigned
truecm	8804/tcp	truecm
truecm	8804/udp	truecm
#		Scott Kramer <scottk@truebluesoftware.com>
#	8805-8879	Unassigned
cddbp-alt	8880/tcp	CDDBP
cddbp-alt	8880/udp	CDDBP
#		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
#		Fred Yao <Fred_Yao@DDIGATE2.desktopdata.com>
#	8895-8899	Unassigned
jmb-cds1	8900/tcp	JMB-CDS 1
jmb-cds1	8900/udp	JMB-CDS 1

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jmb-cds2      8901/tcp    JMB-CDS 2
jmb-cds2      8901/udp    JMB-CDS 2
#
#           8902-8909 Unassigned
manyone-http  8910/tcp    manyone-http
manyone-http  8910/udp    manyone-http
manyone-xml   8911/tcp    manyone-xml
manyone-xml   8911/udp    manyone-xml
#
#           8912-8953 Unassigned
cumulus-admin 8954/tcp    Cumulus Admin Port
cumulus-admin 8954/udp    Cumulus Admin Port
#
#           8955-8998 Unassigned
bctp          8999/tcp    Brodos Crypto Trade Protocol
bctp          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>
etlservcemgr  9001/tcp    ETL Service Manager
etlservcemgr  9001/udp    ETL Service Manager
#
#           Stephen McCreia <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
#           9007-9019 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 <gal@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
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
#           9081-9089 Unassigned
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>
#           9092-9099 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
#           9104-9159 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>

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#	9165-9199	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>
#	9208-9209	Unassigned
lif-mlp	9210/tcp	LIF Mobile Locn Protocol
lif-mlp	9210/udp	LIF Mobile Locn Protocol
lif-mlp-s	9211/tcp	LIF Mobile Locn Secure
lif-mlp-s	9211/udp	LIF Mobile Locn Secure
#		Location Interoperability Forum
#		<greening@bigtribe.com> April 2002
#	9212-9216	Unassigned
fsc-port	9217/tcp	FSC Communication Port
fsc-port	9217/udp	FSC Communication Port
#		Teijo Mustonen <Teijo.Mustonen@F-Secure.com> March 2002
#	9218-9280	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.tavakley@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>
#	9293-9320	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
mphpdmc	9344/tcp	Mphlpdmc
mphpdmc	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>
#	9398-9499	Unassigned
ismserver	9500/tcp	ismserver
ismserver	9500/udp	ismserver
#		Ian Gordon <iang@micromuse.co.uk>
#	9501-9534	Unassigned
mngsuite	9535/tcp	
mngsuite	9535/udp	
#		Alan Butt <alan.b.butt@intel.com>
#	9536-9593	Unassigned
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.b.butt@intel.com>
#	9596-9599	Unassigned
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>
#	9613-9746	Unassigned
l5nas-parchan	9747/tcp	LSNAS Parallel Channel
l5nas-parchan	9747/udp	LSNAS Parallel Channel
#		Lawrence J. Dickson - Land-5 Corporation
#		<ldickson@land-5.com> March 2002
#	9748-9752	Unassigned
rasadv	9753/tcp	rasadv
rasadv	9753/udp	rasadv
#		Dave Thaler <dthaler@microsoft.com>
#	9754-9799	Unassigned
davsrc	9800/tcp	WebDav Source Port
davsrc	9800/udp	WebDav Source Port
#		Ethan Fremen <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>
#	9802-9874	Unassigned
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>
cyborg-systems	9888/tcp	CYBORG Systems
cyborg-systems	9888/udp	CYBORG Systems
#		Malcolm Graham <Malcolm_Graham@CYBORG.COM>
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>
#	9901-9908	Unassigned
domaintime	9909/tcp	domaintime
domaintime	9909/udp	domaintime
#		Jeffrey Dwight <jeffryd@greyware.com>
#	9910-9949	Unassigned
apccpluswin1	9950/tcp	APCCPLUSWIN1
apccpluswin1	9950/udp	APCCPLUSWIN1
apccpluswin2	9951/tcp	APCCPLUSWIN2
apccpluswin2	9951/udp	APCCPLUSWIN2
apccpluswin3	9952/tcp	APCCPLUSWIN3
apccpluswin3	9952/udp	APCCPLUSWIN3
#		Michael Samson <msamson@apcc.com>
#	9953-9991	Unassigned
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

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# Donna Dillenberger <engd@us.ibm.com>
octopus 10008/tcp Octopus Multiplexer
octopus 10008/udp Octopus Multiplexer
# Chris Koeritz <fred@gruntose.com> October 2002
# 10009-10079 Unassigned
amanda 10080/tcp Amanda
amanda 10080/udp Amanda
# John Jackson <jrj@gandalf.cc.purdue.edu>
# <amanda-core@amanda.org>
# 10081-10100 Unassigned
ezmeeting-2 10101/tcp eZmeeting
ezmeeting-2 10101/udp eZmeeting
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
# 10104-10112 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
# Dima Seliverstov <Dima_Seliverstov@bmc.com>
# 10129-10259 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
# 10289-10989 Unassigned
rmaux 10990/tcp Auxiliary RMI Port
rmaux 10990/udp Auxiliary RMI Port
# Eugen Bacic <eugen@texar.com>
# 10991-10999 Unassigned
irisa 11000/tcp IRISA
irisa 11000/udp IRISA
# Vladimir Brauner <vbrauner@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>
# 11112-11200 Unassigned
smsqp 11201/tcp smsqp
smsqp 11201/udp smsqp
# Andres Seco Hernandez <AndresSH@alamin.org>
# 11202-11318 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>
# 11368-11599 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>
# 11721-11999 Unassigned
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

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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
# 12007-12171 Unassigned
hivep 12172/tcp HiveP
hivep 12172/udp HiveP
# Dick Augustsson <dick@skenbe.net>
# 12173-12344 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 <100042.2070@CompuServe.COM>
# 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>
# 13784-13817 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>
# 14142-14144 Unassigned
gcm-app 14145/tcp GCM Application
gcm-app 14145/udp GCM Application
# Ming Xu <ming@veritas.com>
# 14146-14148 Unassigned

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vrts-tdd      14149/tcp  Veritas Traffic Director
vrts-tdd      14149/udp  Veritas Traffic Director
#
# 14150-14935 Unassigned
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
#
# 14938-14999 Unassigned
hydap         15000/tcp  Hypack Data Aquisition
hydap         15000/udp  Hypack Data Aquisition
#
# 15001-15344 Unassigned
xpilot        15345/tcp  XPilot Contact Port
xpilot        15345/udp  XPilot Contact Port
#
# 15346-16359 Unassigned
netserialxt1 16360/tcp  netserialxt1
netserialxt1 16360/udp  netserialxt1
netserialxt2 16361/tcp  netserialxt2
netserialxt2 16361/udp  netserialxt2
#
# 16362-16366 Unassigned
netserialxt3 16367/tcp  netserialxt3
netserialxt3 16367/udp  netserialxt3
netserialxt4 16368/tcp  netserialxt4
netserialxt4 16368/udp  netserialxt4
#
# 16369-16990 Unassigned
intel-rci-mp  16991/tcp  INTEL-RCI-MP
intel-rci-mp  16991/udp  INTEL-RCI-MP
#
# 16992-17006 Unassigned
isode-dua     17007/tcp  isode-dua
isode-dua     17007/udp  isode-dua
#
# 17008-17184 Unassigned
soundsvirtual 17185/tcp  Sounds Virtual
soundsvirtual 17185/udp  Sounds Virtual
#
# 17186-17218 Unassigned
chipper       17219/tcp  Chipper
chipper       17219/udp  Chipper
#
# 17220-17999 Unassigned
biimenu       18000/tcp  Beckman Instruments, Inc.
biimenu       18000/udp  Beckman Instruments, Inc.
#
# 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
#
# 18183-18187 Unassigned
opsec-sam     18183/tcp  OPSEC SAM
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
#
# 18188-18240 Unassigned
opsec-ela     18187/tcp  OPSEC ELA
opsec-ela     18187/udp  OPSEC ELA
#
# 18188-18240 Unassigned
checkpoint-rtm 18241/tcp  Check Point RTM
checkpoint-rtm 18241/udp  Check Point RTM
#
# 18242-18462 Unassigned
ac-cluster    18463/tcp  AC Cluster
ac-cluster    18463/udp  AC Cluster
#
# 18464-18768 Unassigned
ique         18769/tcp  IQue Protocol
ique         18769/udp  IQue Protocol
#
# 18770-18887 Unassigned
apc-necmp     18888/tcp  APCNECMP
apc-necmp     18888/udp  APCNECMP
#
# 18889-19190 Unassigned
opsec-uaa     19191/tcp  opsec-uaa
opsec-uaa     19191/udp  opsec-uaa
#
# 19192-19282 Unassigned
keysrvr       19283/tcp  Key Server for SASSAFRAS

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keystrvr      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
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>
#             19413-19539 Unassigned
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>
#             20001-20221 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
#             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>
#             20300-21589 Unassigned
vofr-gateway  21590/tcp  VoFR Gateway
vofr-gateway  21590/udp  VoFR Gateway
#             Marty Borden <mborden@tollbridgetech.com>
#             21591-21799 Unassigned
tvpmp         21800/tcp  TVNC Pro Multiplexing
tvpmp         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>
#             22002-22272 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>
#             22556-22799 Unassigned
aws-brf       22800/tcp  Telerate Information Platform LAN
aws-brf       22800/udp  Telerate Information Platform LAN
#             Timo Sivonen <timo.sivonen@cmail.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@cmail.dowjones.com>
#             22952-23999 Unassigned
med-ltp       24000/tcp  med-ltp
med-ltp       24000/udp  med-ltp

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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@agilent.com>
#              24007-24241 Unassigned
filesphere      24242/tcp fileSphere
filesphere      24242/udp fileSphere
#              Carl Cedergren <asperon@home.se>
#              24243-24248 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>
#              24554-34676 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>
#              24679-24921 Unassigned
snip           24922/tcp Simple Net Ident Protocol
snip           24922/udp Simple Net Ident Protocol
#              Jean-Paul Moreaux
#              <jean-paul.moreaux@airbus.dasa.de>
#              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>
#              25794-25900 Unassigned
niobserver     25901/tcp NIOserver
niobserver     25901/udp NIOserver
#              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

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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 Baldridge <jimb@rpower.com>
gserver        26264/tcp  Gserver
gserver        26264/udp  Gserver
#              Szanto Gabor <sgabor90@hotmail.com>
#              26265-26999 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 <ports@xippix.com>
#              27346-27503 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
#              27505-27998 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>
#              28000-30000 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
#              30003-31415 Unassigned
xqosd          31416/tcp  XQoS network monitor
xqosd          31416/udp  XQoS network monitor
#              Joe Elliott <joe@inetd.com> June 2002
#              31417-32767 Unassigned
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>
#              32772-33330 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>
#              33435-34248 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>
#              34250-36864 Unassigned
kastenpipe     36865/tcp  KastenX Pipe
kastenpipe     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
#              37476-38200 Unassigned
galaxy7-data   38201/tcp  Galaxy7 Data Tunnel
galaxy7-data   38201/udp  Galaxy7 Data Tunnel
#              Tatham Oddie <tatham@e-oddie.com> September 2002
#              38202-39680 Unassigned
turbonote-1    39681/tcp  TurboNote Default Port
turbonote-1    39681/udp  TurboNote Default Port
#              Peter Hyde <peter@spis.co.nz>
#              39682-40840 Unassigned
cscp           40841/tcp  CSCP
cscp           40841/udp  CSCP
#              Michael Dodge <sarge@centerspan.com>
csccredir     40842/tcp  CSCCREDIR
csccredir     40842/udp  CSCCREDIR
cscfirewall    40843/tcp  CSCCFIREWALL
cscfirewall    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

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# Chee Kent Lam <cklam@foursticks.com> April 2002
# 41112-43187 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>
# 43191-44320 Unassigned
pmcd 44321/tcp PCP server (pmcd)
pmcd 44321/udp PCP server (pmcd)
# Ken McDonell <kenmcd@sgi.com> June 2002
# 44322-44817 Unassigned
rockwell-encap 44818/tcp Rockwell Encapsulation
rockwell-encap 44818/udp Rockwell Encapsulation
# Brian Batke <babatke@ra.rockwell.com>
# 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>
# 45967-46999 Unassigned
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
# Andrew Newton <alnewton@automatedlogic.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>
# 48004-48555 Unassigned
com-bardac-dw 48556/tcp com-bardac-dw
com-bardac-dw 48556/udp com-bardac-dw
# Nicholas J Howes <nick@ghostwood.org>
# 48557-49150 Unassigned
# 49151 IANA Reserved

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DYNAMIC AND/OR PRIVATE PORTS

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

REFERENCES

- [RFC768] Postel, J., "User Datagram Protocol", STD 6, RFC 768, USC/Information Sciences Institute, August 1980.
- [RFC793] Postel, J., ed., "Transmission Control Protocol - DARPA Internet Program Protocol Specification", STD 7, RFC 793, USC/Information Sciences Institute, September 1981.
- [RFC3077] Duros, E., W. Dabbous, H. Izumiyama, N. Fujii, and Y. Zhang, "A Link-Layer Tunneling Mechanism for Unidirectional Links", RFC 3077, March 2001.
- [RFC3340] M. Rose, G. Klyne, and D. Crocker, "The Application Exchange Core", RFC 3340, July 2002.

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