

PORT NUMBERS

(last updated 2004-03-25)

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@niscs.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>	

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# 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
# Ri na Nethani el <----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 Yl onen <yl o@cs. hut. fi >
tel net 23/tcp Tel net
tel net 23/udp Tel net
# Jon Postel <postel@isi.edu>
# 24/tcp any private mail system
# 24/udp any private mail system
# Ri ck Adams <ri ck@UUNET. UU. NET>
smtp 25/tcp Si mple Mail Transfer
smtp 25/udp Si mple Mail Transfer
# Jon Postel <postel@isi.edu>
# 26/tcp Unassi gned
# 26/udp Unassi gned
nsw-fe 27/tcp NSW User System FE
nsw-fe 27/udp NSW User System FE
# Robert Thomas <BThomas@F. BBN. COM>
# 28/tcp Unassi gned
# 28/udp Unassi gned
msg-icp 29/tcp MSG ICP
msg-icp 29/udp MSG ICP
# Robert Thomas <BThomas@F. BBN. COM>
# 30/tcp Unassi gned
# 30/udp Unassi gned
msg-auth 31/tcp MSG Authenti cati on
msg-auth 31/udp MSG Authenti cati on
# Robert Thomas <BThomas@F. BBN. COM>
# 32/tcp Unassi gned
# 32/udp Unassi gned
dsp 33/tcp Di splay Support Protocol
dsp 33/udp Di splay Support Protocol
# Ed Cai n <cai n@edn-uni x. dca. mi l >
# 34/tcp Unassi gned
# 34/udp Unassi gned
# 35/tcp any private printer server
# 35/udp any private printer server
# Jon Postel <postel@isi.edu>
# 36/tcp Unassi gned
# 36/udp Unassi gned
time 37/tcp Ti me
time 37/udp Ti me
# Jon Postel <postel@isi.edu>
rap 38/tcp Route Access Protocol
rap 38/udp Route Access Protocol
# Robert Ul lmann <ari el@worl d. std. com>
rtp 39/tcp Resource Locati on Protocol
rtp 39/udp Resource Locati on Protocol
# Mi ke Accetta <MI KE. ACCETTA@CMU-CS-A. EDU>
# 40/tcp Unassi gned
# 40/udp Unassi gned
graphi cs 41/tcp Graphi cs
graphi cs 41/udp Graphi cs
name 42/tcp Host Name Server
name 42/udp Host Name Server
nameserver 42/tcp Host Name Server
nameserver 42/udp Host Name Server
ni cname 43/tcp Who Is

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ni cname	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@sode.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 Di tmars <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
#		Andy Malis <malis_a@ti.mepl ex.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@sode.com>
acas	62/tcp	ACA Services
acas	62/udp	ACA Services
#		E. Wald <ewald@via.enet.dec.com>
whoi s++	63/tcp	whoi s++
whoi s++	63/udp	whoi s++
#		Rickard Schoul tz <schoul tz@sunet.se>
covia	64/tcp	Communications Integrator (CI)
covia	64/udp	Communications Integrator (CI)
#		Dan Smith <dan.smith@den.galileo.com>
tacacs-ds	65/tcp	TACACS-Database Service
tacacs-ds	65/udp	TACACS-Database Service
#		Kathy Huber <khuber@bbn.com>
sql *net	66/tcp	Oracle SQL*NET
sql *net	66/udp	Oracle SQL*NET
#		Jack Haverty <jhaverty@ORACLE.COM>
bootps	67/tcp	Bootstrap Protocol Server
bootps	67/udp	Bootstrap Protocol Server
bootpc	68/tcp	Bootstrap Protocol Client
bootpc	68/udp	Bootstrap Protocol Client
#		Bill Croft <Croft@SUMEX-AIM.STANFORD.EDU>
tftp	69/tcp	Trivial File Transfer
tftp	69/udp	Trivial File Transfer
#		David Clark <ddc@LCS.MIT.EDU>
gopher	70/tcp	Gopher
gopher	70/udp	Gopher

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# Mark McCahill <mpm@boombox.micr.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
hosts2-ns 81/udp HOSTS2 Name Server
# Earl Killian <EAK@MORDOR.S1.GOV>
xfer 82/tcp XFER Utility
xfer 82/udp XFER Utility
# Thomas M. Smith <Thomas.M.Smith@lmc.com>
mit-ml-dev 83/tcp MIT ML Device
mit-ml-dev 83/udp MIT ML Device
# David Reed <---none--->
ctf 84/tcp Common Trace Facility
ctf 84/udp Common Trace Facility
# Hugh Thomas <thomas@oils.enet.dec.com>
mit-ml-dev 85/tcp MIT ML Device
mit-ml-dev 85/udp MIT ML Device
# David Reed <---none--->
mfcobol 86/tcp Micro Focus Cobol
mfcobol 86/udp Micro Focus Cobol
# Simon Edwards <---none--->
87/tcp any private terminal link
87/udp any private terminal link
# Jon Postel <postel@isi.edu>
kerberos 88/tcp Kerberos
kerberos 88/udp Kerberos
# B. Clifford Neuman <bcn@isi.edu>
su-mit-tg 89/tcp SU/MIT Telnet Gateway
su-mit-tg 89/udp SU/MIT Telnet Gateway
# Mark Crispin <MRC@PANDA.COM>
##### PORT 90 also being used unofficially by Pointcast #####
dnsix 90/tcp DNSIX Security Attribute Token Map
dnsix 90/udp DNSIX Security Attribute Token Map
# Charles Watt <watt@sware.com>
mit-dov 91/tcp MIT Dover Spooler
mit-dov 91/udp MIT Dover Spooler
# Eliot Moss <EBM@XX.LCS.MIT.EDU>
npp 92/tcp Network Printing Protocol
npp 92/udp Network Printing Protocol
# Louis Mamakos <louis@sayshell.umd.edu>
dcp 93/tcp Device Control Protocol
dcp 93/udp Device Control Protocol
# Daniel Tappan <Tappan@BBN.COM>
objcall 94/tcp Tivoli Object Dispatcher
objcall 94/udp Tivoli Object Dispatcher
# Tom Bereiter <---none--->
supdup 95/tcp SUPDUP

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supdup          95/udp    SUPDUP
#              Mark Crispin <MRC@PANDA.COM>
dixie          96/tcp    DIXIE Protocol Specification
dixie          96/udp    DIXIE Protocol Specification
#              Tim Howes <Tim.Howes@terminator.cc.umiich.edu>
swift-rvf      97/tcp    Swift Remote Virtual File Protocol
swift-rvf      97/udp    Swift Remote Virtual File Protocol
#              Maurice R. Turcotte
#              <mailrus!uflorida!rm1!dnmrt%rmatl@uunet.UU.NET>
tacnews        98/tcp    TAC News
tacnews        98/udp    TAC News
#              Jon Postel <postel@isi.edu>
metagram       99/tcp    Metagram Relay
metagram       99/udp    Metagram Relay
#              Geoff Goodfellow <Geoff@FERNWOOD.MPK.CA.US>
newacct        100/tcp   [unauthorized use]
hostname       101/tcp   NIC Host Name Server
hostname       101/udp   NIC Host Name Server
#              Jon Postel <postel@isi.edu>
iso-tsap       102/tcp   ISO-TSAP Class 0
iso-tsap       102/udp   ISO-TSAP Class 0
#              Marshall Rose <mrose@dbc.mtvie.wa.us>
gppitp         103/tcp   Genesis Point-to-Point Trans Net
gppitp         103/udp   Genesis Point-to-Point Trans Net
acr-nema       104/tcp   ACR-NEMA Digital Imag. & Comm. 300
acr-nema       104/udp   ACR-NEMA Digital Imag. & Comm. 300
#              Patrick McNamee <---none--->
cso            105/tcp   CCSO name server protocol
cso            105/udp   CCSO name server protocol
#              Martin Hamilton <martin@mrrl.lut.as.uk>
csnet-ns       105/tcp   Mailbox Name Nameserver
csnet-ns       105/udp   Mailbox Name Nameserver
#              Marvin Solomon <solomon@CS.WISC.EDU>
3com-tsmux     106/tcp   3COM-TSMUX
3com-tsmux     106/udp   3COM-TSMUX
#              Jeremy Siegel <jzs@NSD.3Com.COM>
#####        106       Unauthorized use by insecure poppassd protocol
rtelnet        107/tcp   Remote Telnet Service
rtelnet        107/udp   Remote Telnet Service
#              Jon Postel <postel@isi.edu>
snagas         108/tcp   SNA Gateway Access Server
snagas         108/udp   SNA Gateway Access Server
#              Kevin Murphy <murphy@sevens.lkg.dec.com>
pop2           109/tcp   Post Office Protocol - Version 2
pop2           109/udp   Post Office Protocol - Version 2
#              Joyce K. Reynolds <jkrey@isi.edu>
pop3           110/tcp   Post Office Protocol - Version 3
pop3           110/udp   Post Office Protocol - Version 3
#              Marshall Rose <mrose@dbc.mtvie.wa.us>
sunrpc         111/tcp   SUN Remote Procedure Call
sunrpc         111/udp   SUN Remote Procedure Call
#              Chuck McManis <cmcmans@freegate.net>
mcidas         112/tcp   McIDAS Data Transmission Protocol
mcidas         112/udp   McIDAS Data Transmission Protocol
#              Glenn Davis <support@unidata.ucar.edu>
ident          113/tcp   Authentication Service
auth           113/tcp   Authentication Service
auth           113/udp   Authentication Service
#              Mike St. Johns <stjohns@arpa.mil>
audioweb       114/tcp   Audio News Multicast
audioweb       114/udp   Audio News Multicast
#              Martin Forssen <maf@dtek.chalmers.se>
sftp           115/tcp   Simple File Transfer Protocol
sftp           115/udp   Simple File Transfer Protocol
#              Mark Lottor <MKL@nisc.sri.com>
ansanotify     116/tcp   ANSA REX Notify
ansanotify     116/udp   ANSA REX Notify
#              Nicola J. Howarth <njh@ansa.co.uk>
uucp-path      117/tcp   UUCP Path Service
uucp-path      117/udp   UUCP Path Service
sqlserv        118/tcp   SQL Services
sqlserv        118/udp   SQL Services
#              Larry Barnes <barnes@broke.enet.dec.com>
nntp           119/tcp   Network News Transfer Protocol
nntp           119/udp   Network News Transfer Protocol
#              Phil Lapsley <phil@UCBARPA.BERKELEY.EDU>

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cfdpkt	120/tcp	CFDPTKT
cfdpkt	120/udp	CFDPTKT
#		John Ioanni di s <j i@cl ose. cs. col umbi a. ed>
erpc	121/tcp	Encore Expedi ted Remote Pro. Cal l
erpc	121/udp	Encore Expedi ted Remote Pro. Cal l
#		Jack O' Neil <----none---->
smakynet	122/tcp	SMAKYNET
smakynet	122/udp	SMAKYNET
#		Pi erre Arnaud <pi erre. arnaud@i name. com>
ntp	123/tcp	Network Ti me Protocol
ntp	123/udp	Network Ti me Protocol
#		Dave Mi l l s <Mi l l s@HUEY. UDEL. EDU>
ansatrader	124/tcp	ANSA REX Trader
ansatrader	124/udp	ANSA REX Trader
#		Ni col a J. Howarth <nj h@ansa. co. uk>
locus-map	125/tcp	Locus PC-Interface Net Map Ser
locus-map	125/udp	Locus PC-Interface Net Map Ser
#		Eri c Peterson <l cc. eri c@SEAS. UCLA. EDU>
nxedit	126/tcp	NXEdi t
nxedit	126/udp	NXEdi t
#		Don Payette <Don. Payette@uni sys. com>
#####Port	126	Previ ously assi gned to appl i cati on bel ow#####
#uni tary	126/tcp	Uni sys Uni tary Logi n
#uni tary	126/udp	Uni sys Uni tary Logi n
#		<fei l@kronos. ni sd. cam. uni sys. com>
#####Port	126	Previ ously assi gned to appl i cati on above#####
locus-con	127/tcp	Locus PC-Interface Conn Server
locus-con	127/udp	Locus PC-Interface Conn Server
#		Eri c Peterson <l cc. eri c@SEAS. UCLA. EDU>
gss-xlicen	128/tcp	GSS X Li cense Veri fi cati on
gss-xlicen	128/udp	GSS X Li cense Veri fi cati on
#		John Li ght <j ohnl@gssc. gss. com>
pwdgen	129/tcp	Password Generator Protocol
pwdgen	129/udp	Password Generator Protocol
#		Frank J. Wacho <WANCHO@WSMR-SI MTEL20. ARMY. MI L>
ci sco-fna	130/tcp	ci sco FNATI VE
ci sco-fna	130/udp	ci sco FNATI VE
ci sco-tna	131/tcp	ci sco TNATI VE
ci sco-tna	131/udp	ci sco TNATI VE
ci sco-sys	132/tcp	ci sco SYSMAI NT
ci sco-sys	132/udp	ci sco SYSMAI NT
statsrv	133/tcp	Stati sti cs Servi ce
statsrv	133/udp	Stati sti cs Servi ce
#		Dave Mi l l s <Mi l l s@HUEY. UDEL. EDU>
ingres-net	134/tcp	I NGRES-NET Servi ce
ingres-net	134/udp	I NGRES-NET Servi ce
#		Mi ke Berrow <----none---->
epmap	135/tcp	DCE endpoi nt resol uti on
epmap	135/udp	DCE endpoi nt resol uti on
#		Joe Pato <pato@apol lo. hp. com>
profile	136/tcp	PROFI LE Nam i ng System
profile	136/udp	PROFI LE Nam i ng System
#		Larry Peterson <l l p@ARI ZONA. EDU>
netbios-ns	137/tcp	NETBI OS Name Servi ce
netbios-ns	137/udp	NETBI OS Name Servi ce
netbios-dgm	138/tcp	NETBI OS Datagram Servi ce
netbios-dgm	138/udp	NETBI OS Datagram Servi ce
netbios-ssn	139/tcp	NETBI OS Sessi on Servi ce
netbios-ssn	139/udp	NETBI OS Sessi on Servi ce
#		Jon Postel <postel@i si . edu>
emfis-data	140/tcp	EMFIS Data Servi ce
emfis-data	140/udp	EMFIS Data Servi ce
emfis-cntl	141/tcp	EMFIS Control Servi ce
emfis-cntl	141/udp	EMFIS Control Servi ce
#		Gerd Bel i ng <GBEL I NG@I SI . EDU>
bl -i dm	142/tcp	Britton-Lee I DM
bl -i dm	142/udp	Britton-Lee I DM
#		Susie Sni tzer <----none---->
imap	143/tcp	I nternet Message Access Protocol
imap	143/udp	I nternet Message Access Protocol
#		Mark Cri spi n <MRC@CAC. Washi ngton. EDU>
uma	144/tcp	Uni versal Management Archi tecture
uma	144/udp	Uni versal Management Archi tecture
#		Jay Whi tney <j w@powercenter. com>
uaac	145/tcp	UAAC Protocol
uaac	145/udp	UAAC Protocol

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

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xyplex-mux	173/tcp	Xyplex
xyplex-mux	173/udp	Xyplex
#		Bob Stewart <STEWART@XYPLEX.COM>
mailq	174/tcp	MAILQ
mailq	174/udp	MAILQ
#		Rayan Zachariassen <rayan@AI.TORONTO.EDU>
vmnet	175/tcp	VMNET
vmnet	175/udp	VMNET
#		Christopher Tengi <tengi@Princeton.EDU>
genrad-mux	176/tcp	GENRAD-MUX
genrad-mux	176/udp	GENRAD-MUX
#		Ron Thornton <thornton@qm7501.genrad.com>
xdmcp	177/tcp	X Display Manager Control Protocol
xdmcp	177/udp	X Display Manager Control Protocol
#		Robert W. Scheifler <RWS@XX.LCS.MIT.EDU>
nextstep	178/tcp	NextStep Window Server
nextstep	178/udp	NextStep Window Server
#		Leo Hourvitz <leo@NEXT.COM>
bgp	179/tcp	Border Gateway Protocol
bgp	179/udp	Border Gateway Protocol
#		Kirk Lougheed <LOUGHEED@MATHOM.CISCO.COM>
ris	180/tcp	Intergraph
ris	180/udp	Intergraph
#		Dave Buehmann <ingr!daveb@UUNET.UU.NET>
unify	181/tcp	Unify
unify	181/udp	Unify
#		Mark Ansley <ianaportmaster@unify.com>
audit	182/tcp	Unisys Audit SITP
audit	182/udp	Unisys Audit SITP
#		Gil Greenbaum <gclee@nisd.cam.unisys.com>
ocbinder	183/tcp	OCBinder
ocbinder	183/udp	OCBinder
ocserver	184/tcp	OCServer
ocserver	184/udp	OCServer
#		Jerrilynn Okamura <---none--->
remote-kis	185/tcp	Remote-KIS
remote-kis	185/udp	Remote-KIS
kis	186/tcp	KIS Protocol
kis	186/udp	KIS Protocol
#		Ralph Droms <rdroms@NRI.RESTON.VA.US>
aci	187/tcp	Application Communication Interface
aci	187/udp	Application Communication Interface
#		Rick Carlos <rick.ticipa.csc.ti.com>
mumps	188/tcp	Plus Five's MUMPS
mumps	188/udp	Plus Five's MUMPS
#		Hokey Stenn <hokey@PLUS5.COM>
qft	189/tcp	Queued File Transport
qft	189/udp	Queued File Transport
#		Wayne Schroeder <schroeder@SDS.SDSC.EDU>
gacp	190/tcp	Gateway Access Control Protocol
gacp	190/udp	Gateway Access Control Protocol
#		C. Philip Wood <cpw@LANL.GOV>
prospero	191/tcp	Prospero Directory Service
prospero	191/udp	Prospero Directory Service
#		B. Clifford Neuman <bcn@isi.edu>
osu-nms	192/tcp	OSU Network Monitoring System
osu-nms	192/udp	OSU Network Monitoring System
#		Doug Karl <KARL-D@OSU-20.IRCC.OHIO-STATE.EDU>
srmp	193/tcp	Spider Remote Monitoring Protocol
srmp	193/udp	Spider Remote Monitoring Protocol
#		Ted J. Socolofsky <Teds@SPIDER.CO.UK>
irc	194/tcp	Internet Relay Chat Protocol
irc	194/udp	Internet Relay Chat Protocol
#		Jarkko Oikarienen <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 <DI A3@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 Bellow <smb@cs.purdue.edu>
smux	199/tcp	SMUX
smux	199/udp	SMUX

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# Marshall Rose <mrose@dbc.mtview.ca.us>
src 200/tcp IBM System Resource Controller
src 200/udp IBM System Resource Controller
# Gerald McBrearty <----none---->
at-rtmp 201/tcp AppleTalk Routing Maintenance
at-rtmp 201/udp AppleTalk Routing Maintenance
at-nbp 202/tcp AppleTalk Name Binding
at-nbp 202/udp AppleTalk Name Binding
at-3 203/tcp AppleTalk Unused
at-3 203/udp AppleTalk Unused
at-echo 204/tcp AppleTalk Echo
at-echo 204/udp AppleTalk Echo
at-5 205/tcp AppleTalk Unused
at-5 205/udp AppleTalk Unused
at-zis 206/tcp AppleTalk Zone Information
at-zis 206/udp AppleTalk Zone Information
at-7 207/tcp AppleTalk Unused
at-7 207/udp AppleTalk Unused
at-8 208/tcp AppleTalk Unused
at-8 208/udp AppleTalk Unused
# Rob Chandhok <chandhok@gnome.cs.cmu.edu>
qntp 209/tcp The Quick Mail Transfer Protocol
qntp 209/udp The Quick Mail Transfer Protocol
# Dan Bernstein <djbs@liverton.berkeley.edu>
z39.50 210/tcp ANSI Z39.50
z39.50 210/udp ANSI Z39.50
# Mark H. Needleman <markn@sirsi.com>
914c/g 211/tcp Texas Instruments 914C/G Terminal
914c/g 211/udp Texas Instruments 914C/G Terminal
# Bill Harrell <----none---->
anet 212/tcp ATEXSSTR
anet 212/udp ATEXSSTR
# Jim Taylor <taylor@heart.epps.kodak.com>
ipx 213/tcp IPX
ipx 213/udp IPX
# Don Provan <donp@xlnvax.novell.com>
vmpwscs 214/tcp VM PWSCS
vmpwscs 214/udp VM PWSCS
# Dan Shia <dset!shia@uunet.UU.NET>
softpc 215/tcp Insignia Solutions
softpc 215/udp Insignia Solutions
# Martyn Thomas <----none---->
CAIlic 216/tcp Computer Associates Int'l License Server
CAIlic 216/udp Computer Associates Int'l License Server
# Chuck Spietz <spi ch04@cai . com>
dbase 217/tcp dBASE Unix
dbase 217/udp dBASE Unix
# Don Gibson
# <sequent!aero!twinsun!ashtate.A-T.COM!dong@uunet.UU.NET>
mpp 218/tcp Netix Message Posting Protocol
mpp 218/udp Netix Message Posting Protocol
# Shannon Yeh <yeh@netix.com>
uarps 219/tcp Unisys ARPs
uarps 219/udp Unisys ARPs
# Ashok Marwaha <----none---->
imap3 220/tcp Interactive Mail Access Protocol v3
imap3 220/udp Interactive Mail Access Protocol v3
# James Rice <RI CE@SUMEX-AI M. STANFORD. EDU>
fln-spx 221/tcp Berkeley rlogind with SPX auth
fln-spx 221/udp Berkeley rlogind with SPX auth
rsh-spx 222/tcp Berkeley rshd with SPX auth
rsh-spx 222/udp Berkeley rshd with SPX auth
cdc 223/tcp Certificate Distribution Center
cdc 223/udp Certificate Distribution Center
# Kannan Alagappan <kannan@sejour.enet.dec.com>
##### Possible Conflict of Port 222 with "Masqdi aler"#####
### Contact for Masqdi aler is Charles Wright <cpwright@villagenet.com>###
masqdi aler 224/tcp masqdi aler
masqdi aler 224/udp masqdi aler
# Charles Wright <cpwright@villagenet.com>
# 225-241 Reserved
# Jon Postel <postel@isi.edu>
direct 242/tcp Direct
direct 242/udp Direct
# Herb Sutter <HerbS@cntc.com>
sur-meas 243/tcp Survey Measurement

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sur-meas	243/udp	Survey Measurement
#		Dave Clark <ddc@LCS.MIT.EDU>
inbusiness	244/tcp	inbusiness
inbusiness	244/udp	inbusiness
#		Derrick Hisatake <derrick.hisatake@intel.com>
link	245/tcp	LINK
link	245/udp	LINK
dsp3270	246/tcp	Display Systems Protocol
dsp3270	246/udp	Display Systems Protocol
#		Weldon J. Showalter <Gamma@MINTAKA.DCA.MIL>
subntbcst_tftp	247/tcp	SUBNTBCST_TFTP
subntbcst_tftp	247/udp	SUBNTBCST_TFTP
#		John Fake <fake@us.ibm.com>
bhfh	248/tcp	bhfh
bhfh	248/udp	bhfh
#		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@ral.igh.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@rostan.neda.com>
openport	260/tcp	Openport
openport	260/udp	Openport
#		John Marland <jmarland@dean.openport.com>
nsiops	261/tcp	IIOP Name Service over TLS/SSL
nsiops	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.umiich.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@mc.org>
corerjd	284/tcp	corerjd
corerjd	284/udp	corerjd
#		Chris Thornhill <port_contact@cj.t.ca>
#	285	Unassigned
fxp	286/tcp	FXP Communication
fxp	286/udp	FXP Communication

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# James Darnall <james_r_darnall@sbcglobal.net>
k-block      287/tcp      K-BLOCK
k-block      287/udp      K-BLOCK
# Simon P Jackson <jacko@kriking.co.uk>
# 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      AppShare IP WebAdmin
asip-webadmin 311/udp      AppShare IP WebAdmin
# Ann Huang <annhuang@apple.com>
vslmp         312/tcp      VSLMP
vslmp         312/udp      VSLMP
# Gerben Wierda <Gerben_Wierda@RnA.nl>
magenta-logic 313/tcp      Magenta Logic
magenta-logic 313/udp      Magenta Logic
# Karl Rousseau <kr@netfusion.co.uk>
opalis-robot  314/tcp      Opalis Robot
opalis-robot  314/udp      Opalis Robot
# Laurent Domenech, Opalis <l.domenech@opalis.com>
dpsi          315/tcp      DPSI
dpsi          315/udp      DPSI
# Tony Scamurra <Tony@DesktopPageing.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      RTSPS
rtsp          322/udp      RTSPS
# Anders Klumets <anderskl@microsoft.com>
# Unassigned
323-332
texar         333/tcp      Texar Security Port
texar         333/udp      Texar Security Port
# Eugen Bacic <ebacic@texar.com>
# Unassigned
334-343
pdap          344/tcp      Prospero Data Access Protocol
pdap          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

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# 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.telkom.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.vi-ggen.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>
scoi2odialog 360/tcp scoi2odialog
scoi2odialog 360/udp scoi2odialog
# Keith Petley <keithp@sco.COM>
semanti x 361/tcp Semanti x
semanti x 361/udp Semanti x
# Semanti x <xsSupport@semanti x.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.ucl.a.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>
qbi kgdp 368/tcp Qbi kGDP
qbi kgdp 368/udp Qbi kGDP
# Adri en de Croy <adri en@qbi k.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 <l egl ang@atria.com>
ulistproc 372/tcp Li stProcessor
ulistproc 372/udp Li stProcessor
# Anastasi os Kotsi konas <tasos@cs.bu.edu>
legent-1 373/tcp Legent Corporati on
legent-1 373/udp Legent Corporati on
legent-2 374/tcp Legent Corporati on
legent-2 374/udp Legent Corporati on
# Keith Boyce <----none---->
hassle 375/tcp Hassle
hassle 375/udp Hassle
# Reinhard Doel z <doel z@comp.bi oz.uni bas.ch>
nlp 376/tcp Ami ga Envoy Network Inqui ry Proto

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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 Lai tinen <laitinen@brutus.aa.ab.com>
aurp	387/tcp	Appletalk Update-Based Routing Pro.
aurp	387/udp	Appletalk Update-Based Routing Pro.
#		Chris Ranch <cranch@novell.com>
uni data-l dm	388/tcp	Uni data LDM
uni data-l dm	388/udp	Uni data LDM
#		Glenn Davis <support@uni data.ucar.edu>
ldap	389/tcp	Lightweight Directory Access Protocol
ldap	389/udp	Lightweight Directory Access Protocol
#		Tim Howes <Tim.Howes@terminator.cc.umi ch.edu>
uis	390/tcp	UIS
uis	390/udp	UIS
#		Ed Barron <----none---->
synotics-rel ay	391/tcp	SynOptics SNMP Relay Port
synotics-rel ay	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 <pd@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
#		Yanic Pouffary <pouffary@taec.enet.dec.com>
work-sol	400/tcp	Workstation Solutions
work-sol	400/udp	Workstation Solutions
#		Jim Ward <jimw@worksta.com>
ups	401/tcp	Uninterruptible Power Supply
ups	401/udp	Uninterruptible Power Supply
#		Charles Bennett <chuck@benatong.com>
genie	402/tcp	Genie Protocol
genie	402/udp	Genie Protocol
#		Mark Hankin <----none---->
decap	403/tcp	decap
decap	403/udp	decap

nced	404/tcp	nced
nced	404/udp	nced
ncl d	405/tcp	ncl d
ncl d	405/udp	ncl d
#		Richard Jones <----none---->
i msp	406/tcp	Interactive Mail Support Protocol
i msp	406/udp	Interactive Mail Support Protocol
#		John Myers <jgm+@cmu.edu>
timbuku	407/tcp	Timbuku
timbuku	407/udp	Timbuku
#		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 Sri nivas <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@icm.tu-graz.ac.at>
ariel 1	419/tcp	Ariel 1
ariel 1	419/udp	Ariel 1
#		Joel Karafin <jkarafin@infotri eve.com>
smpte	420/tcp	SMPTE
smpte	420/udp	SMPTE
#		Si Becker <71362.22@CompuServe.COM>
ariel 2	421/tcp	Ariel 2
ariel 2	421/udp	Ariel 2
ariel 3	422/tcp	Ariel 3
ariel 3	422/udp	Ariel 3
#		Joel Karafin <jkarafin@infotri eve.com>
opc-job-start	423/tcp	IBM Operations Planning and Control Start
opc-job-start	423/udp	IBM Operations Planning and Control Start
opc-job-track	424/tcp	IBM Operations Planning and Control Track
opc-job-track	424/udp	IBM Operations Planning and Control Track
#		Conny Larsson <cocke@VNET.IBM.COM>
icad-el	425/tcp	ICAD
icad-el	425/udp	ICAD
#		Larry Stone <lcs@icad.com>
smartsdp	426/tcp	smartsdp
smartsdp	426/udp	smartsdp
#		Alexander Dupuy <dupuy@smarts.com>
svrl oc	427/tcp	Server Location
svrl oc	427/udp	Server Location
#		<veizades@ftp.com>
ocs_cmu	428/tcp	OCS_CMU
ocs_cmu	428/udp	OCS_CMU
ocs_amu	429/tcp	OCS_AMU
ocs_amu	429/udp	OCS_AMU
#		Fl orence Wyman <wyman@peabody.plk.af.mil>
utmpsd	430/tcp	UTMPSD
utmpsd	430/udp	UTMPSD
utmpcd	431/tcp	UTMPCD

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utmpcd	431/udp	UTMPCD
iasd	432/tcp	IASD
iasd	432/udp	IASD
#		Nir Baroz <nbaroz@encore.com>
nnspp	433/tcp	NNSP
nnspp	433/udp	NNSP
#		Rob Robertson <rob@gangrene.berkeley.edu>
mobileip-agent	434/tcp	MobileIP-Agent
mobileip-agent	434/udp	MobileIP-Agent
mobileip-mn	435/tcp	MobileIP-MN
mobileip-mn	435/udp	MobileIP-MN
#		Kannan Alagappan <kannan@sejour.lkg.dec.com>
dna-cml	436/tcp	DNA-CML
dna-cml	436/udp	DNA-CML
#		Dan Flowers <flowers@smaug.lkg.dec.com>
comscm	437/tcp	comscm
comscm	437/udp	comscm
#		Jim Teague <teague@zso.dec.com>
dsfgw	438/tcp	dsfgw
dsfgw	438/udp	dsfgw
#		Andy McKeen <mckeen@osf.org>
dasp	439/tcp	dasp Thomas Obermaier
dasp	439/udp	dasp tommy@inlab.m.eunet.de
#		Thomas Obermaier <tommy@inlab.m.eunet.de>
sgcp	440/tcp	sgcp
sgcp	440/udp	sgcp
#		Marshall Rose <mrose@dbc.mtview.ca.us>
decvms-sysmgt	441/tcp	decvms-sysmgt
decvms-sysmgt	441/udp	decvms-sysmgt
#		Lee Barton <barton@star.enet.dec.com>
cvc_hostd	442/tcp	cvc_hostd
cvc_hostd	442/udp	cvc_hostd
#		Bill Davidson <billd@equalizer.cray.com>
https	443/tcp	http protocol over TLS/SSL
https	443/udp	http protocol over TLS/SSL
#		Kipp E. B. Hickman <kipp@mcom.com>
snp	444/tcp	Simple Network Paging Protocol
snp	444/udp	Simple Network Paging Protocol
#		[RFC1568]
microsoft-ds	445/tcp	Microsoft-DS
microsoft-ds	445/udp	Microsoft-DS
#		Pradeep Bahl <pradeepb@microsoft.com>
ddm-rdb	446/tcp	DDM-Remote Relational Database Access
ddm-rdb	446/udp	DDM-Remote Relational Database Access
ddm-dfm	447/tcp	DDM-Distributed File Management
ddm-dfm	447/udp	DDM-Distributed File Management
#		Steven Rittland <srr@us.ibm.com>
ddm-ssl	448/tcp	DDM-Remote DB Access Using Secure Sockets
ddm-ssl	448/udp	DDM-Remote DB Access Using Secure Sockets
#		Steven Rittland <srr@us.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>
createserver	453/tcp	CreateServer
createserver	453/udp	CreateServer
contentserver	454/tcp	ContentServer
contentserver	454/udp	ContentServer
createpartner	455/tcp	CreatePartner
createpartner	455/udp	CreatePartner
#		Jesus Ortiz <jesus_ortiz@emotion.com>
macon-tcp	456/tcp	macon-tcp
macon-udp	456/udp	macon-udp
#		Yoshi nobu Inoue
#		<shin@hodaka.mfd.cs.fujitsu.co.jp>
scohelp	457/tcp	scohelp
scohelp	457/udp	scohelp
#		Fai th Zack <fai thz@sco.com>
appleqt	458/tcp	apple quick time

appl eqtc	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>
urld	465/tcp	URL Rendesvous Directory for SSM
igmpv3lite	465/udp	IGMP over UDP for SSM
#		Toerless Eckert <eckert@cisco.com>
digital-vrc	466/tcp	digital-vrc
digital-vrc	466/udp	digital-vrc
#		Peter Higgison <higgison@mail.dec.com>
mylex-mapd	467/tcp	mylex-mapd
mylex-mapd	467/udp	mylex-mapd
#		Gary Lewis <GaryL@hq.mylx.com>
proturis	468/tcp	proturis
proturis	468/udp	proturis
#		Bill Simpson <Bill.Simpson@um.cc.umiich.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 <reding@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@thnknet.com>
tcpnethaspsrv	475/tcp	tcpnethaspsrv
tcpnethaspsrv	475/udp	tcpnethaspsrv
#		Charlie Hava <charlie@aladdin.co.il>
tn-tl-fd1	476/tcp	tn-tl-fd1
tn-tl-fd1	476/udp	tn-tl-fd1
#		Ed Kress <eskress@thnknet.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@sollect.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

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# Keith J. Alphonso <alphonso@ncs-ssc.com>
snare 509/tcp snare
snare 509/udp snare
# Dennis Batchelder <denniss@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 ala telnet;
# automatic authentication performed
# based on privileged port numbers
# and distributed data bases which
# identify "authentication domains"
who 513/udp maintains data bases showing who's
# logged in to machines on a local
# net and the load average of the
# machine
shell 514/tcp cmd
# like exec, but automatic authentication
# is performed as for login server
syslog 514/udp
printer 515/tcp spooler
printer 515/udp spooler
videotex 516/tcp videotex
videotex 516/udp videotex
# Daniel Mavrakis <system@venus.mctel.fr>
talk 517/tcp like tenex link, but across
# machine - unfortunately, doesn't
# use link protocol (this is actually
# just a rendezvous port from which a
# tcp connection is established)
talk 517/udp like tenex link, but across
# machine - unfortunately, doesn't
# use link protocol (this is actually
# just a rendezvous port from which a
# tcp connection is established)
ntalk 518/tcp
ntalk 518/udp
utime 519/tcp unixtime
utime 519/udp unixtime
efs 520/tcp extended file name server
router 520/udp local routing process (on site);
# uses variant of Xerox NS routing
# information protocol - RIP
ripng 521/tcp ripng
ripng 521/udp ripng
# Robert E. Minnear <minnear@psi.on.com>
ulp 522/tcp ULP
ulp 522/udp ULP
# Max Morris <maxm@MICROSOFT.com>
ibm-db2 523/tcp IBM-DB2
ibm-db2 523/udp IBM-DB2
# Juliana Hsu <jhsu@ca.ibm.com>
ncp 524/tcp NCP
ncp 524/udp NCP
# Don Provan <donp@sjf.novell.com>
timed 525/tcp timeserver
timed 525/udp timeserver
tempo 526/tcp newdate
tempo 526/udp newdate
# Unknown
stx 527/tcp Stock IXChange
stx 527/udp Stock IXChange
custix 528/tcp Customer IXChange
custix 528/udp Customer IXChange
# Ferdi Ladeira <ferdi.ladeira@ixchange.com>

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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 <l.domenech@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 Friith-Macdonald <richard@brainstorm.co.uk>
apertus-l dp	539/tcp	Apertus Technologies Load Determination
apertus-l dp	539/udp	Apertus Technologies Load Determination
uucp	540/tcp	uucpd
uucp	540/udp	uucpd
uucp-rl ogi n	541/tcp	uucp-rl ogi n
uucp-rl ogi n	541/udp	uucp-rl ogi n
#		Stuart Lynne <sl@wimsey.com>
commerce	542/tcp	commerce
commerce	542/udp	commerce
#		Randy Epstein <repstein@host.net>
kl ogi n	543/tcp	
kl ogi n	543/udp	
kshell	544/tcp	krcmd
kshell	544/udp	krcmd
appl eqtcsrvr	545/tcp	appl eqtcsrvr
appl eqtcsrvr	545/udp	appl eqtcsrvr
#		Murali Ranganathan
#		<Murali_Ranganathan@quickmail.appl.e.com>
dhcpv6-cl ient	546/tcp	DHCPv6 Client
dhcpv6-cl ient	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@appl.e.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	Devi ceShare
devshr-nts	552/udp	Devi ceShare
#		Benjamin Rosenberg <brosenberg@advsyscon.com>
pirp	553/tcp	pirp
pirp	553/udp	pirp
#		D. J. Bernstein <djb@silvert.berkeley.edu>
rtsp	554/tcp	Real Time Stream Control Protocol
rtsp	554/udp	Real Time Stream Control Protocol
#		Rob Lanphier <robla@progn.net>
dsf	555/tcp	
dsf	555/udp	
remotefs	556/tcp	rfs server
remotefs	556/udp	rfs server
openvms-sysi pc	557/tcp	openvms-sysi pc
openvms-sysi pc	557/udp	openvms-sysi pc
#		Alan Potter <potter@movies.enet.dec.com>

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sdnskmp	558/tcp	SDNSKMP
sdnskmp	558/udp	SDNSKMP
teedtap	559/tcp	TEEDTAP
teedtap	559/udp	TEEDTAP
#		Mort Hoffman <hoffman@mail.ndhm.gtegsc.com>
rmonitor	560/tcp	rmonitord
rmonitor	560/udp	rmonitord
monitor	561/tcp	
monitor	561/udp	
chshell	562/tcp	chcmd
chshell	562/udp	chcmd
nntps	563/tcp	nntp protocol over TLS/SSL (was snntp)
nntps	563/udp	nntp protocol over TLS/SSL (was snntp)
#		Kipp E. B. Hickman <kipp@netscape.com>
9pfs	564/tcp	plan 9 file service
9pfs	564/udp	plan 9 file service
whoami	565/tcp	whoami
whoami	565/udp	whoami
streettalk	566/tcp	streettalk
streettalk	566/udp	streettalk
banyan-rpc	567/tcp	banyan-rpc
banyan-rpc	567/udp	banyan-rpc
#		Tom Lemaire <toml@banyan.com>
ms-shuttle	568/tcp	microsoft shuttle
ms-shuttle	568/udp	microsoft shuttle
#		Rudolph Balaz <rudolph@microsoft.com>
ms-rome	569/tcp	microsoft rome
ms-rome	569/udp	microsoft rome
#		Rudolph Balaz <rudolph@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>
snmp-heartbeat	580/tcp	SNMP HEARTBEAT
snmp-heartbeat	580/udp	SNMP HEARTBEAT
#		Louis Mamakos <louise@uu.net>
bdp	581/tcp	Bundle Discovery Protocol
bdp	581/udp	Bundle Discovery Protocol
#		Gary Malkin <gmalkin@xyllogics.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

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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.jfi.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 Allyn Miller <malyn@aeolon.com>
ipserver	600/tcp	Sun IPC server
ipserver	600/udp	Sun IPC server
#		Bill Schiefelbein <schief@aspen.cray.com>
syslog-conn	601/tcp	Reliable Syslog Service
syslog-conn	601/udp	Reliable Syslog Service
#		RFC 3195
xmlrpc-beep	602/tcp	XML-RPC over BEEP
xmlrpc-beep	602/udp	XML-RPC over BEEP
#		RFC3529 <ftp://ftp.isi.edu/in-notes/rfc3529.txt> March 2003
idxp	603/tcp	IDXP
idxp	603/udp	IDXP
#		RFC-ietf-idwg-beep-idxp-07.txt
tunnel	604/tcp	TUNNEL
tunnel	604/udp	TUNNEL
#		RFC3620
soap-beep	605/tcp	SOAP over BEEP
soap-beep	605/udp	SOAP over BEEP
#		RFC3288 <ftp://ftp.isi.edu/in-notes/rfc3288.txt> April 2002
urm	606/tcp	Cray Unified Resource Manager
urm	606/udp	Cray Unified Resource Manager
nqs	607/tcp	nqs
nqs	607/udp	nqs
#		Bill Schiefelbein <schief@aspen.cray.com>
sift-uft	608/tcp	Sender-Initiated/Unsolicited File Transfer
sift-uft	608/udp	Sender-Initiated/Unsolicited File Transfer
#		Rick Troth <troth@rice.edu>
npmp-trap	609/tcp	npmp-trap
npmp-trap	609/udp	npmp-trap
npmp-local	610/tcp	npmp-local
npmp-local	610/udp	npmp-local
npmp-gui	611/tcp	npmp-gui
npmp-gui	611/udp	npmp-gui
#		John Barnes <jbarnes@crl.com>
hmmp-ind	612/tcp	HMMP Indication
hmmp-ind	612/udp	HMMP Indication
hmmp-op	613/tcp	HMMP Operation
hmmp-op	613/udp	HMMP Operation

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#		Andrew Sinclair <andrsi@microsoft.com>
sshell	614/tcp	SSLshell
sshell	614/udp	SSLshell
#		Simon J. Gerraty <sjg@quick.com.au>
sco-intmgr	615/tcp	Internet Configuration Manager
sco-intmgr	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@Queti.co.tbaytel.net>
compaq-evm	619/tcp	Compaq EVM
compaq-evm	619/udp	Compaq EVM
#		Jem Treadwell <Jem.Treadwell@compaq.com>
sco-websrvrmgr	620/tcp	SCO WebServer Manager
sco-websrvrmgr	620/udp	SCO WebServer Manager
#		Christopher Durham <chrisdu@sco.com>
escp-ip	621/tcp	ESCP
escp-ip	621/udp	ESCP
#		Lai Zit Seng <lzs@pobox.com>
collaborator	622/tcp	Collaborator
collaborator	622/udp	Collaborator
#		Johnson Davis <johnsond@opteamasoft.com>
asf-rmcp	623/tcp	ASF Remote Management and Control Protocol
asf-rmcp	623/udp	ASF Remote Management and Control Protocol
#		Carl First <Carl.L.First@intel.com>
cryptoadmin	624/tcp	Crypto Admin
cryptoadmin	624/udp	Crypto Admin
#		Tony Walker <tony@cryptocard.com>
dec_dlm	625/tcp	DEC DLM
dec_dlm	625/udp	DEC DLM
#		Rudi Martin <Rudi.Martin@edo.mts.dec.com>
asia	626/tcp	ASIA
asia	626/udp	ASIA
#		Michael Dasenbrock <dasenbro@apple.com>
passgo-tivoli	627/tcp	PassGo Tivoli
passgo-tivoli	627/udp	PassGo Tivoli
#		Chris Hall <chall@passgo.com>
qmqp	628/tcp	QMQP
qmqp	628/udp	QMQP
#		Dan Bernstein <dj@cr.yip.to>
3com-amp3	629/tcp	3Com AMP3
3com-amp3	629/udp	3Com AMP3
#		Prakash Banthia <prakash_banthia@3com.com>
rda	630/tcp	RDA
rda	630/udp	RDA
#		John Hadjiouannou <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>
rlzbase	635/tcp	RLZ DBase
rlzbase	635/udp	RLZ DBase
#		Michael Ginn <ginn@tyxar.com>
ldaps	636/tcp	Ldap protocol over TLS/SSL (was ldap)
ldaps	636/udp	Ldap protocol over TLS/SSL (was ldap)
#		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@cableabs.com>
msdp	639/tcp	MSDP
msdp	639/udp	MSDP

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#		Di no Fari nacci <di no@ci sco. com>
entrust-sps	640/tcp	entrust-sps
entrust-sps	640/udp	entrust-sps
#		Marek Buchl er <Marek. Buchl er@entrust. com>
repcmd	641/tcp	repcmd
repcmd	641/udp	repcmd
#		Scott Dale <scott@Repl i case. 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	SANi ty
sanity	643/udp	SANi ty
#		Peter Vi scarol a <PeterGV@osr. com>
dwr	644/tcp	dwr
dwr	644/udp	dwr
#		Bi ll Fenner <fenner@parc. xerox. com>
pssc	645/tcp	PSSC
pssc	645/udp	PSSC
#		Egon Mei er-Engel en <egon. mei er-engel en@dl r. de>
ldp	646/tcp	LDP
ldp	646/udp	LDP
#		Bob Thomas <rhthomas@ci sco. com>
dhcp-fai l over	647/tcp	DHCP Fai l over
dhcp-fai l over	647/udp	DHCP Fai l over
#		Bernard Vol z <vol z@i pworks. com>
rrp	648/tcp	Regi stry Regi star Protocol (RRP)
rrp	648/udp	Regi stry Regi star Protocol (RRP)
#		Scott Hol lenbeck <shol lenb@netsol . com>
cadvi ew-3d	649/tcp	Cadvi ew-3d - streami ng 3d model s over the internet
cadvi ew-3d	649/udp	Cadvi ew-3d - streami ng 3d model s over the internet
#		Davi d Cooper <davi d. cooper@oracl e. com>
obex	650/tcp	OBEX
obex	650/udp	OBEX
#		Jeff Garbers <FJG030@emai l . mot. com>
i eee-mms	651/tcp	I EEE MMS
i eee-mms	651/udp	I EEE MMS
#		Curti s Anderson <canderson@turbol i nux. com>
hel lo-port	652/tcp	HELLO_PORT
hel lo-port	652/udp	HELLO_PORT
#		Patri ck Ci pi ere <Patri ck. Ci pi ere@UDcast. com>
repscmd	653/tcp	RepCmd
repscmd	653/udp	RepCmd
#		Scott Dale <scott@ti oga. com>
aodv	654/tcp	AODV
aodv	654/udp	AODV
#		Charl es Perki ns <cperki ns@eng. sun. com>
tinc	655/tcp	TINC
tinc	655/udp	TINC
#		I vo Ti mmermans <i ti mmermans@bi gfoot. com>
spmp	656/tcp	SPMP
spmp	656/udp	SPMP
#		Jakob Kai vo <j kai vo@nodomai nname. net>
rmc	657/tcp	RMC
rmc	657/udp	RMC
#		Mi chael Schmi dt <mmaass@us. i bm. com>
tenfol d	658/tcp	TenFol d
tenfol d	658/udp	TenFol d
#		Loui s Ol szyk <l ol szyk@10fol d. com>
#	659	Removed (2001-06-06)
mac-srvr-admi n	660/tcp	MacOS Server Admi n
mac-srvr-admi n	660/udp	MacOS Server Admi n
#		Forest Hi ll <forest@appl e. com>
hap	661/tcp	HAP
hap	661/udp	HAP
#		I gor Pl otni kov <i gor@uroam. com>
pftp	662/tcp	PFTP
pftp	662/udp	PFTP
#		Ben Schl uri cke <support@pftp. de>
purenoi se	663/tcp	PureNoi se
purenoi se	663/udp	PureNoi se
#		Sam Osa <pri sti ne@mail ci ty. 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 Fi rst <Carl . L. Fi rst@i ntel . com>
sun-dr	665/tcp	Sun DR
sun-dr	665/udp	Sun DR

#		
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
register	669/tcp	MeRegister
register	669/udp	MeRegister
#		Armin Sawusch <armi n@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
complex	673/tcp	COMPLEX
complex	673/udp	COMPLEX
#		Ulysses G. Smith Jr. <ugsmit h@cesi .com>
acap	674/tcp	ACAP
acap	674/udp	ACAP
#		Chris Newman <chri s.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. <ugsmit h@cesi .com>
vpp	677/tcp	Virtual Presence Protocol
vpp	677/udp	Virtual Presence Protocol
#		Klaus Wolf <wol f@cobrow.com>
ggf-ncp	678/tcp	GNU Generation Foundation NCP
ggf-ncp	678/udp	GNU Generation Foundation NCP
#		Noah Paul <noahp@al tavi sta.net>
mrmm	679/tcp	MRM
mrmm	679/udp	MRM
#		Liming Wei <lwei @ci sco.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
#		Adri an Mancini <adri an.manci ni @entrust.com>
xfr	682/tcp	XFR
xfr	682/udp	XFR
#		Noah Paul <noahp@ul tranet.com>
corba-iiop	683/tcp	CORBA IIOP
corba-iiop	683/udp	CORBA IIOP
corba-iiop-ssl	684/tcp	CORBA IIOP SSL
corba-iiop-ssl	684/udp	CORBA IIOP SSL
#		Andrew Watson <andrew@omg.org>
mdc-portmapper	685/tcp	MDC Port Mapper
mdc-portmapper	685/udp	MDC Port Mapper
#		Noah Paul <noahp@al tavi sta.net>
hcp-wismar	686/tcp	Hardware Control Protocol Wismar
hcp-wismar	686/udp	Hardware Control Protocol Wismar
#		David Merchant <d.f.merchant@l i vj m.ac.uk>
asipregistry	687/tcp	asipregistry
asipregistry	687/udp	asipregistry
#		Erik Sea <sea@appl e.com>
realm-rusd	688/tcp	REALM-RUSD
realm-rusd	688/udp	REALM-RUSD
#		Jerry Knight <jkni ght@real mi nfo.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 <comerci al @ati casoft.es>
msexch-routing	691/tcp	MS Exchange Routing
msexch-routing	691/udp	MS Exchange Routing
#		David Lemson <dl emson@mi crosoft.com>
hyperwave-isp	692/tcp	Hyperwave-ISP

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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>
rushd	696/tcp	RUSHD
rushd	696/udp	RUSHD
#		Greg Ercolano <erco@netcom.com>
uuidgen	697/tcp	UIDGEN
uuidgen	697/udp	UIDGEN
#		James Falchner <james.falchner@sun.com>
olsr	698/tcp	OLSR
olsr	698/udp	OLSR
#		Thomas Clausen <thomas.clausen@inria.fr>
accessnetwork	699/tcp	Access Network
accessnetwork	699/udp	Access Network
#		Yingchun Xu <Yingchun_Xu@3com.com>
epp	700/tcp	Extensible Provisioning Protocol
epp	700/udp	Extensible Provisioning Protocol
#		RFC-ietf-provreg-epp-tcp-06.txt
#	701-703	Unassigned
elcsd	704/tcp	errlog copy/server daemon
elcsd	704/udp	errlog copy/server daemon
agentx	705/tcp	AgentX
agentx	705/udp	AgentX
#		Bob Natale <bob.natale@appli-edsnmp.com>
silc	706/tcp	SILC
silc	706/udp	SILC
#		Pekka Rikonen <priikone@poseidon.pspt.fi>
borland-dsj	707/tcp	Borland DSJ
borland-dsj	707/udp	Borland DSJ
#		Gerg Cole <gcole@corp.borland.com>
#	708	Unassigned
entrust-kmsh	709/tcp	Entrust Key Management Service Handler
entrust-kmsh	709/udp	Entrust Key Management Service Handler
entrust-ash	710/tcp	Entrust Administration Service Handler
entrust-ash	710/udp	Entrust Administration Service Handler
#		Peter Whittaker <pww@entrust.com>
cisco-tdp	711/tcp	Cisco TDP
cisco-tdp	711/udp	Cisco TDP
#		Bruce Davie <bsd@cisco.com>
tbrpf	712/tcp	TBRPF
tbrpf	712/udp	TBRPF
#		RFC3684
#	713-728	Unassigned
netviewdm1	729/tcp	IBM NetView DM/6000 Server/Client
netviewdm1	729/udp	IBM NetView DM/6000 Server/Client
netviewdm2	730/tcp	IBM NetView DM/6000 send/tcp
netviewdm2	730/udp	IBM NetView DM/6000 send/tcp
netviewdm3	731/tcp	IBM NetView DM/6000 receive/tcp
netviewdm3	731/udp	IBM NetView DM/6000 receive/tcp
#		Philippe Binet (phbinet@vnet.IBM.COM)
#	732-740	Unassigned
netgw	741/tcp	netGW
netgw	741/udp	netGW
#		Oliver Korfmacher (okorf@netcs.com)
netrcs	742/tcp	Network based Rev. Cont. Sys.
netrcs	742/udp	Network based Rev. Cont. Sys.
#		Gordon C. Galligher <gorpong@ping.chi.il.us>
#	743	Unassigned
flexlm	744/tcp	Flexible License Manager
flexlm	744/udp	Flexible License Manager
#		Matt Christiano
#		<gl obes@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

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kerberos administration

kerberos-adm 749/udp
rfile 750/tcp
loadav 750/udp
kerberos-iv 750/udp

pump 751/tcp
pump 751/udp
qrh 752/tcp
qrh 752/udp
rrh 753/tcp
rrh 753/udp
tell 754/tcp
tell 754/udp

755-756
nlogin 758/tcp
nlogin 758/udp
con 759/tcp
con 759/udp
ns 760/tcp
ns 760/udp
rx 761/tcp
rx 761/udp
quotad 762/tcp
quotad 762/udp
cycleserv 763/tcp
cycleserv 763/udp
omserv 764/tcp
omserv 764/udp
webster 765/tcp
webster 765/udp

766
phonebook 767/tcp
phonebook 767/udp

768
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

multiling-http 777/tcp
multiling-http 777/udp

778-779
wpgs 780/tcp
wpgs 780/udp

781-785
786
787
788-799
mdbs_daemon 800/tcp
mdbs_daemon 800/udp
device 801/tcp
device 801/udp
802-809
fcp-udp 810/tcp
fcp-udp 810/udp

811-827
itm-mcell-s 828/tcp
itm-mcell-s 828/udp

kerberos version iv
Martin Hamilton <martin@mrri.lut.as.uk>

send
send
Josyula R. Rao <jrrao@watson.ibm.com>
Unassigned

Josyula R. Rao <jrrao@watson.ibm.com>
Unassigned
phone
phone
Josyula R. Rao <jrrao@watson.ibm.com>
Unassigned

Josyula R. Rao <jrrao@watson.ibm.com>
Multiling HTTP
Multiling HTTP
Alejandro Bonet <babel@ctv.es>
Unassigned

Josyula R. Rao <jrrao@watson.ibm.com>
Unassigned
Unassigned (Removed 2002-05-08)
Unassigned (Removed 2002-10-08)
Unassigned

Unassigned
FCP
FCP Datagram
Paul Whitemore <paul@softarc.com>
Unassigned
itm-mcell-s
itm-mcell-s

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```

#
pki x-3-ca-ra      829/tcp      Miles O' Neal <meo@us. i tmasters. com>
pki x-3-ca-ra      829/udp      PKI X-3 CA/RA
#
#                  830-846     Unassigne
dhcp-fai l over2   847/tcp      dhcp-fai l over 2
dhcp-fai l over2   847/udp      dhcp-fai l over 2
#
gdoi               848/tcp      GD01
gdoi               848/udp      GD01
#
#                  849-859     Unassigne
i scsi             860/tcp      i SCSI
i scsi             860/udp      i SCSI
#
#                  RFC-draft-i etf-i ps-i scsi -20. txt
rsync             861-872     Unassigne
rsync             873/tcp      rsync
rsync             873/udp      rsync
#
#                  Andrew Tri dge l l <tri dge@samba. anu. edu. au>
#                  Unassigne
i cl cnet-l ocate  874-885     ICL coNETi on l ocate server
i cl cnet-l ocate  886/tcp      ICL coNETi on l ocate server
i cl cnet-l ocate  886/udp      ICL coNETi on l ocate server
#
#                  Bob Lyon <bl@oasi s. i cl . co. uk>
i cl cnet_svi nfo  887/tcp      ICL coNETi on server i nfo
i cl cnet_svi nfo  887/udp      ICL coNETi on server i nfo
#
#                  Bob Lyon <bl@oasi s. i cl . co. uk>
accessbui l der    888/tcp      AccessBui l der
accessbui l der    888/udp      AccessBui l der
#
#                  Steve Sweeney <Steven_Sweeney@3mai l . 3com. com>
# The fol lowi ng entry records an unassigne but wi despread use
cddb              888/tcp      CD Database Protocol
#
#                  Steve Scherf <steve@moonsoft. com>
#
#                  Unassigne
omg i ni ti al refs 900/tcp      OMG Ini ti al Refs
omg i ni ti al refs 900/udp      OMG Ini ti al Refs
#
#                  Christi an Cal l sen <Chri sti an. Cal l sen@eng. sun. com>
smpnameres        901/tcp      SMPNAMERES
smpnameres        901/udp      SMPNAMERES
#
#                  Lei f Ekbl ad <l ei f@rdos. net>
i deafarm-chat     902/tcp      I DEAFARM-CHAT
i deafarm-chat     902/udp      I DEAFARM-CHAT
i deafarm-catch    903/tcp      I DEAFARM-CATCH
i deafarm-catch    903/udp      I DEAFARM-CATCH
#
#                  Wo' o l deafarm <1@i deafarm. com>
#                  Unassigne
xact-backup        904-910     Unassigne
xact-backup        911/tcp      xact-backup
xact-backup        911/udp      xact-backup
#
#                  Bi l l Carroll <bi l l c@xactl abs. com>
apex-mesh          912/tcp      APEX rel ay-rel ay servi ce
apex-mesh          912/udp      APEX rel ay-rel ay servi ce
apex-edge          913/tcp      APEX endpoi nt-rel ay servi ce
apex-edge          913/udp      APEX endpoi nt-rel ay servi ce
#
#                  [RFC3340]
#                  Unassigne
ftps-data          914-988     Unassigne
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
#
#                  Chri stopher Al l en <Chri stopherA@consensus. com>
nas                991/tcp      Netnews Admi ni strati on System
nas                991/udp      Netnews Admi ni strati on System
#
#                  Vera Hei nau <hei nau@fu-berl i n. de>
#                  Hei ko Schl i chti ng <hei ko@fu-berl i n. de>
tel nets           992/tcp      tel net protocol over TLS/SSL
tel nets           992/udp      tel net protocol over TLS/SSL
i maps             993/tcp      i map4 protocol over TLS/SSL
i maps             993/udp      i map4 protocol over TLS/SSL
i rcs              994/tcp      i rc protocol over TLS/SSL
i rcs              994/udp      i rc protocol over TLS/SSL
#
#                  Chri stopher Al l en <Chri stopherA@consensus. com>
pop3s              995/tcp      pop3 protocol over TLS/SSL (was spop3)
pop3s              995/udp      pop3 protocol over TLS/SSL (was spop3)
#
#                  Gordon Mangi one <gordm@mi crossoft. com>
vsi net            996/tcp      vsi net
vsi net            996/udp      vsi net

```

port-numbers - 31 Mar 04 from IANA site.txt
 Rob Juergens <robj@vsi.com>

```
#
maitr 997/tcp
maitr 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 <j.geer@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	Calendar Access Protocol	
cap	1026/udp	Calendar Access Protocol	
#		Doug Royer <Doug@Royer.com>	June 2002
exosee	1027/tcp	ExoSee	
exosee	1027/udp	ExoSee	
#		Chagdali Ismail <chagdali@free.fr>	June 2003
#	1028	Deprecated February 2004	
#	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@tiemeplex.com>	
netinfo-local	1033/tcp	local netinfo port	
netinfo-local	1033/udp	local netinfo port	
#		Marc Majka <majka@apple.com>	August 2002
activesync	1034/tcp	ActiveSync Notifications	
activesync	1034/udp	ActiveSync Notifications	
#		Sandra Vargas <Sandrama@microsoft.com>	March 2003
mxxrlogin	1035/tcp	MX-XR RPC	
mxxrlogin	1035/udp	MX-XR RPC	

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```

# Arnold E. Mauer <amauer@vrms.com> April 2003
nsstp 1036/tcp Nebula Secure Segment Transfer Protocol
nsstp 1036/udp Nebula Secure Segment Transfer Protocol
# Steve Ravi da <steve.ravi da@nebul ahol di ngs.com>
ams 1037/tcp AMS
ams 1037/udp AMS
# Ronald R. Ohmer <rohmer@ai sconsul ti ng.net> October 2003 /
February 2004
# 1038-1039 Unassigned
netarx 1040/tcp Netarx
netarx 1040/udp Netarx
# Fredrick Paul Eisele <phreed@netarx.com>
# 1041-1044 Unassigned
fpi tp 1045/tcp Fingerprint Image Transfer Protocol
fpi tp 1045/udp Fingerprint Image Transfer Protocol
# Steven Fields <sfi el ds@i denti x.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 <rohi t.garg@eng.sun.com>
td-postman 1049/tcp Tobi t David Postman VPMN
td-postman 1049/udp Tobi t David Postman VPMN
# Franz-Josef Leuders <devel opment@tobi t.com>
cma 1050/tcp CORBA Management Agent
cma 1050/udp CORBA Management Agent
# Ramy Zaarour <ramy@l umos.com>
opti ma-vnet 1051/tcp Opti ma VNET
opti ma-vnet 1051/udp Opti ma VNET
# Ral f Doewi ch <ral f.doewi ch@opti matel e.com>
ddt 1052/tcp Dynami c DNS Tool s
ddt 1052/udp Dynami c DNS Tool s
# Remi Lefebvre <remi @debi an.org>
remote-as 1053/tcp Remote Assi stant (RA)
remote-as 1053/udp Remote Assi stant (RA)
# Roman Kri is <roman@previ o.ee>
brvread 1054/tcp BRVREAD
brvread 1054/udp BRVREAD
# A. Boni nn <aboni nn@hotmail.com>
ansysl md 1055/tcp ANSYS - Li cense Manager
ansysl md 1055/udp ANSYS - Li cense Manager
# Suzanne Lorri n <suzanne.lorri n@ansys.com>
vfo 1056/tcp VFO
vfo 1056/udp VFO
# Anthony Gonzal ez <agonzal 1@tel cordi a.com>
startron 1057/tcp STARTRON
startron 1057/udp STARTRON
# Markus Sabadel lo <sabadel lo@startron.org>
nim 1058/tcp nim
nim 1058/udp nim
nimreg 1059/tcp ni mreg
nimreg 1059/udp ni mreg
# Robert Gordon <rbg@austi n.i bm.com>
pol estar 1060/tcp POLESTAR
pol estar 1060/udp POLESTAR
# Masakuni Okada <masakuni @j.p.i bm.com>
ki osk 1061/tcp KI OSK
ki osk 1061/udp KI OSK
# Howard Buck <hbuck@maytag.com>
veraci ty 1062/tcp Veraci ty
veraci ty 1062/udp Veraci ty
# Ross Wi lli ams <ross@rocksoft.com>
kyoceranetdev 1063/tcp KyoceraNetDev
kyoceranetdev 1063/udp KyoceraNetDev
# Shi genaka Kanemi tsu
# <Shi genaka_Kanemi tsu@ypd.kyocera.co.jp>
jstel 1064/tcp JSTEL
jstel 1064/udp JSTEL
# Duane Ki ser <dki ser@j sexpress.com>
syscoml an 1065/tcp SYSCOMLAN
syscoml an 1065/udp SYSCOMLAN
# Urs Ryf <urs.ryf@sel ectron.ch>
fpo-fns 1066/tcp FPO-FNS
fpo-fns 1066/udp FPO-FNS
# Jens Kl ose <j kl ose@i ntercope.com>

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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>
fasttechnologies	1074/tcp	FASTTechnologies License Manager
fasttechnologies	1074/udp	FASTTechnologies License Manager
#		Robert C. Henningsgard
#		<rhenn@fasttechnologies.com>
rdrmshc	1075/tcp	RDRMSHC
rdrmshc	1075/udp	RDRMSHC
#		Eriko 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-admi n@fl ipsi de.com>
avocent-proxy	1078/tcp	Avocent Proxy Protocol
avocent-proxy	1078/udp	Avocent Proxy Protocol
#		Steven W. Clark <steven.clark@avocent.com>
asprovatal k	1079/tcp	ASPROVATAl k
asprovatal k	1079/udp	ASPROVATAl k
#		Chiew Farn Chung <cfchung@asprova.com>
socks	1080/tcp	Socks
socks	1080/udp	Socks
#		Yi ng-Da Lee <yl ee@syl .dl .nec.com
pvuniwien	1081/tcp	PVUNI WI EN
pvuniwien	1081/udp	PVUNI WI EN
#		Peter Li pp >Peter.Li pp@i ai k.at<
amt-esd-prot	1082/tcp	AMT-ESD-PROT
amt-esd-prot	1082/udp	AMT-ESD-PROT
#		AMTEC S. p. A <sp.amtec@i nterbusi ness.i t>
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 <abel k@appl e.com>
cplscrambler-lg	1086/tcp	CPL Scrambler Loggi ng
cplscrambler-lg	1086/udp	CPL Scrambler Loggi ng
cplscrambler-in	1087/tcp	CPL Scrambler Internal
cplscrambler-in	1087/udp	CPL Scrambler Internal
cplscrambler-al	1088/tcp	CPL Scrambler Al arm Log
cplscrambler-al	1088/udp	CPL Scrambler Al arm Log
#		Richard Corn <rac@racc.com>
ff-annunc	1089/tcp	FF Annunci ati on
ff-annunc	1089/udp	FF Annunci ati on
ff-fms	1090/tcp	FF Fi eldbus Message Speci fi cati on
ff-fms	1090/udp	FF Fi eldbus Message Speci fi cati on
ff-sm	1091/tcp	FF System Management
ff-sm	1091/udp	FF System Management
#		Fi eldbus Foundati on <dave.gl anzer@fi eldbus.org>
obrpd	1092/tcp	Open Busi ness Reporti ng Protocol
obrpd	1092/udp	Open Busi ness Reporti ng Protocol
#		Wi lli am Randol ph Royere III
#		<wi lli am@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
#		Patrik Robinson <probinson@plosi.ve.com>
ftranhc	1105/tcp	FTRANHC
ftranhc	1105/udp	FTRANHC
#		Eriko Shimada <eriko@kel.fujitsu.co.jp>
isopisgport-1	1106/tcp	ISOISGPORT-1
isopisgport-1	1106/udp	ISOISGPORT-1
isopisgport-2	1107/tcp	ISOISGPORT-2
isopisgport-2	1107/udp	ISOISGPORT-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 Cincenis <ec@hpfcj.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-cntl	1116/tcp	ARDUS Control
ardus-cntl	1116/udp	ARDUS Control
ardus-mtrns	1117/tcp	ARDUS Multicast Transfer
ardus-mtrns	1117/udp	ARDUS Multicast Transfer
#		Shinya Abe <abeabe@pfu.co.jp>
#	1118-1120	Unassigned
rmpp	1121/tcp	Datalode RMPP
rmpp	1121/udp	Datalode RMPP
#		Dave Ruedger <daver@datalode.com> November 2003
availant-mgr	1122/tcp	availant-mgr
availant-mgr	1122/udp	availant-mgr
#		Steven Pelletier <stevep@Availant.com>
murray	1123/tcp	Murray
murray	1123/udp	Murray
#		Stu Mark <fordii@j51.com>
#	1124-1154	Unassigned
nfa	1155/tcp	Network File Access
nfa	1155/udp	Network File Access

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# James Powell <james@mailhost.uni data. 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 Metcal f <emetcal f@tripwiresecuri ty. com>
# Albert Hol t <alberth@triosoftware. com>
atc-lm 1170/tcp AT+C License Manager
atc-lm 1170/udp AT+C License Manager
# Peter Schäfer <p. schaefer@atc-systeme. de> February 2004
atc-appserver 1171/udp AT+C Fmi Appl i cati onServer
atc-appserver 1171/udp AT+C Fmi Appl i cati onServer
# Peter Schäfer <p. schaefer@atc-systeme. de> February 2004
# 1172-1179 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 McCull ough <KatyM@LapLi nk. com>
catchpole 1185/tcp Catchpole port
catchpole 1185/udp Catchpole port
# Christi an Catchpole <chri sti an@catchpol e. net> March 2002
# 1186-1187 Unassigned
hp-webadmin 1188/tcp HP Web Admi n
hp-webadmin 1188/udp HP Web Admi n
# Lance Ki nd <lance_ki nd@hp. com>
# 1189-1198 Unassigned
dmi di 1199/tcp DMI DI
dmi di 1199/udp DMI DI
# Phi l Kerr <phi l@pl us24. 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@sandtechnol ogy. com>
caicci pc 1202/tcp caicci pc
caicci pc 1202/udp caicci pc
# Vince Re <Vincen t. Re@cai . com>
sssl ic-mgr 1203/tcp Li cense Val i dati on
sssl ic-mgr 1203/udp Li cense Val i dati on
sssl og-mgr 1204/tcp Log Request Li stener
sssl og-mgr 1204/udp Log Request Li stener
# Eric Bruno <ebruno@sol uti on-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 Dol l emore <paul d@anthonydata. com>
metasage 1207/tcp MetaSage
metasage 1207/udp MetaSage
# Peter Anvel t <panvel t@xnai . com>
seagull -ai s 1208/tcp SEAGULL AI S
seagull -ai s 1208/udp SEAGULL AI S
# Lee Brei sacher <lbrei sacher@seagull sw. com>
ipcd3 1209/tcp IPCD3
ipcd3 1209/udp IPCD3
# Mark Ci skey <ml ci skey@pl ato. com>
eoss 1210/tcp EOSS
eoss 1210/udp EOSS
# Robert Armes <rarmes@axarte. com>
groove-dpp 1211/tcp Groove DPP
groove-dpp 1211/udp Groove DPP
# Ken Moore <kmoore@groove. net>

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lupa	1212/tcp	lupa
lupa	1212/udp	lupa
#		Barney Wolff <barney@databus.com>
mpc-lifenet	1213/tcp	MPC LI FENET
mpc-lifenet	1213/udp	MPC LI FENET
#		Ward Silver <hwardsil@wolphenet.com>
kazaa	1214/tcp	KAZAA
kazaa	1214/udp	KAZAA
#		Ahti Heinla <ahti@ahti.bluemoon.ee>
scanstat-1	1215/tcp	scanSTAT 1.0
scanstat-1	1215/udp	scanSTAT 1.0
#		William Scheding <wls@wls.org>
etebac5	1216/tcp	ETEBAC 5
etebac5	1216/udp	ETEBAC 5
#		Jean-Louis Barbut <etebac5@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 <frei.ss.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@pri-smedia.com>
stgxfws	1226/tcp	STGXFWS
stgxfws	1226/udp	STGXFWS
#		Tetsuya Shiota <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>
menandmi-ce-lpm	1231/tcp	menandmi-ce-lpm
menandmi-ce-lpm	1231/udp	menandmi-ce-lpm
#		Sigfus Magnusson <sigfusm@menandmi-ce.com>
##### Microsoft (unofficially) using 1232 #####		
uni v-appserver	1233/tcp	Universal App Server
uni v-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>
mosai csyssvc1	1235/tcp	mosai csyssvc1
mosai csyssvc1	1235/udp	mosai csyssvc1
#		Brian Matthews <bmatthews@mosaic-systems.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@ti voli.com>
hacl -qs	1238/tcp	hacl -qs

hacl -qs	1238/udp	hacl -qs
#		Fari d Faez <fari d_faez@hp. com>
nmsd	1239/tcp	NMSD
nmsd	1239/udp	NMSD
#		Yuri Machkasov <yuri@ptc. com>
i nstanti a	1240/tcp	I nstanti a
i nstanti a	1240/udp	I nstanti a
#		Ruth Slater <ruth. sl ater@i deagen. co. uk>
nessus	1241/tcp	nessus
nessus	1241/udp	nessus
#		Jordan Hrycaj <j ordan@mj h. teddy-net. com>
nmasoveri p	1242/tcp	NMAS over IP
nmasoveri p	1242/udp	NMAS over IP
#		Hal Henderson <hhenders@novel l. com>
seri al gateway	1243/tcp	Seri al Gateway
seri al gateway	1243/udp	Seri al Gateway
#		Stephen LaVal ley <l aval ley@l ucent. com>
i sbconference1	1244/tcp	i sbconference1
i sbconference1	1244/udp	i sbconference1
i sbconference2	1245/tcp	i sbconference2
i sbconference2	1245/udp	i sbconference2
#		Arnol d Di ttmann <di ttmann@i sbcad. de>
payrouter	1246/tcp	payrouter
payrouter	1246/udp	payrouter
#		Davi d Wi lson <dwi lson@i ntegral -i e. com>
vi si onpyrami d	1247/tcp	Vi si onPyrami d
vi si onpyrami d	1247/udp	Vi si onPyrami d
#		Gavi n Hutchi nson <gavi nh@vi si onl ogi sti cs. com>
hermes	1248/tcp	hermes
hermes	1248/udp	hermes
#		Not known
mesavi staco	1249/tcp	Mesa Vi sta Co
mesavi staco	1249/udp	Mesa Vi sta Co
#		Ri ck LaBanca <rel @mesasys. com>
swl dy-si as	1250/tcp	swl dy-si as
swl dy-si as	1250/udp	swl dy-si as
#		Peter E Wi lli ams <peter. wi lli ams@smal l worl d-us. com>
servergraph	1251/tcp	servergraph
servergraph	1251/udp	servergraph
#		Li ndsay Morri s <l morri s@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 Ti ri l ok <Prem. Ti ri l ok@tel l abs. 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@di gi tal envoy. net>
shockwave2	1257/tcp	Shockwave 2
shockwave2	1257/udp	Shockwave 2
#		Dave Si mmons <dsi mmons@macromedi a. com>
opennl	1258/tcp	Open Network Li brary
opennl	1258/udp	Open Network Li brary
opennl -voi ce	1259/tcp	Open Network Li brary Voi ce
opennl -voi ce	1259/udp	Open Network Li brary Voi ce
#		Phi l Fri sbi e <phi l@hawksoft. com>
i bm-ssd	1260/tcp	i bm-ssd
i bm-ssd	1260/udp	i bm-ssd
#		Barry Whyte <barry_whyte@uk. i bm. com>
mpshrsv	1261/tcp	mpshrsv
mpshrsv	1261/udp	mpshrsv
#		Makoto I keyama <i keyama@ael . fuj i tsu. co. j p>
qnts-orb	1262/tcp	QNTS-ORB
qnts-orb	1262/udp	QNTS-ORB
#		Raghurama Bhat <raghu@qui ntus. com>
dka	1263/tcp	dka
dka	1263/udp	dka
#		Chri s Gri ffi n <cgri ffi n@dka. com>
prat	1264/tcp	PRAT
prat	1264/udp	PRAT
#		Kei th Wood <kei th. wood@epi d. eurotherm. co. uk>
dssi api	1265/tcp	DSSI API

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dssi api	1265/udp	DSSI API
#		Steve Sando <steve.sando@diversifiedsoftware.com>
dellpwrappks	1266/tcp	DELLPWRAPPKS
dellpwrappks	1266/udp	DELLPWRAPPKS
#		David Troeger <David_Troeger@dell.com>
epc	1267/tcp	eTrust Policy Compliance
epc	1267/udp	eTrust Policy Compliance
#		Aaron Stein <aaron.stein@ca.com>
propel-msgsys	1268/tcp	PROPEL-MSGSYS
propel-msgsys	1268/udp	PROPEL-MSGSYS
#		Bert Van der Linden <bert@propel.com>
watilaapp	1269/tcp	WATiLaPP
watilaapp	1269/udp	WATiLaPP
#		Frederic Weymann <Fizban@swcombine.com>
opsmgr	1270/tcp	Microsoft Operations Manager
opsmgr	1270/udp	Microsoft Operations Manager
#		Ashvin Sanghvi <AshvinS@microsoft.com>
excw	1271/tcp	eXcW
excw	1271/udp	eXcW
#		Norm Freedman <normfree@san.rr.com>
cspml ockmgr	1272/tcp	CSPMLockMgr
cspml ockmgr	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>
t1distproc	1274/tcp	t1distproc
t1distproc	1274/udp	t1distproc
#		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@informati.fr>
mi va-mqs	1277/tcp	mqs
mi va-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>
heal thd	1281/tcp	heal thd
heal thd	1281/udp	heal thd
#		James E. Housley <jim@thehousleys.net>
emperi on	1282/tcp	Emperi on
emperi on	1282/udp	Emperi on
#		Claus Thor Barth <ctb@barth.dk>
producti nfo	1283/tcp	ProductInfo
producti nfo	1283/udp	ProductInfo
iee-qfx	1284/tcp	IEE-QFX
iee-qfx	1284/udp	IEE-QFX
#		Kevin D. Qui tt <KQui tt@IEEinc.com>
neoi face	1285/tcp	neoi face
neoi face	1285/udp	neoi face
#		Jason McManus <jasonm@neoinformati cs.com>
netui ti ve	1286/tcp	netui ti ve
netui ti ve	1286/udp	netui ti ve
#		Clayton Wilkison <cwi lkison@netui ti ve.com>
#	1287	Unassi gned
navbuddy	1288/tcp	NavBuddy
navbuddy	1288/udp	NavBuddy
#		Eric Hackman <ehackman@mii apps.com>
jwal kserver	1289/tcp	JWal kServer
jwal kserver	1289/udp	JWal kServer
wi nj aserver	1290/tcp	Wi nJaServer
wi nj aserver	1290/udp	Wi nJaServer
seagull ms	1291/tcp	SEAGULLMS
seagull ms	1291/udp	SEAGULLMS
#		Lee Breisacher <lbreisacher@seagull sw.com>
dsdn	1292/tcp	dsdn
dsdn	1292/udp	dsdn
#		Stanislaw Skowronek <thesis@elementary.pl>

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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@idealliance.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 <brucel@cis.com>
pe-mike	1305/tcp	pe-mike
pe-mike	1305/udp	pe-mike
#		Stephen Hemminger <shemminger@passedge.com>
re-conn-prot	1306/tcp	RE-Conn-Proto
re-conn-prot	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-environment	1312/tcp	STI Environment
sti-environment	1312/udp	STI Environment
#		Don Stedman <dones@stisystems.com>
bmc_patrol db	1313/tcp	BMC_PATROLDB
bmc_patrol db	1313/udp	BMC_PATROLDB
#		Devon Shows <Devon_Shows@crow.bmc.com>
pdps	1314/tcp	Photocript Distributed Printing System
pdps	1314/udp	Photocript Distributed Printing System
#		Les Klein <sgy@ci.x.computink.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-ipserver	1317/tcp	vrts-ipserver
vrts-ipserver	1317/udp	vrts-ipserver
#		Bruce Hestand <Bruce.Hestand@veritas.com>
krb5gatekeeper	1318/tcp	krb5gatekeeper
krb5gatekeeper	1318/udp	krb5gatekeeper
#		Patrick Moore <pcmoore@sandia.gov>

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panj a-i csp	1319/tcp	Panj a-I CSP
panj a-i csp	1319/udp	Panj a-I CSP
#		Ron Barber <ron. barber@panj a. com>
panj a-axbnet	1320/tcp	Panj a-AXBNET
panj a-axbnet	1320/udp	Panj a-AXBNET
#		Andrew van Wensen <avanwensen@panj a. com>
pi p	1321/tcp	PI P
pi p	1321/udp	PI P
#		Gordon Mohr <goj omo@usa. net>
novati on	1322/tcp	Novati on
novati on	1322/udp	Novati on
#		Al an Dano <wi seobj ect@yahoo. com>
brcd	1323/tcp	brcd
brcd	1323/udp	brcd
#		Todd Pi cquelle <todd@convergence. net>
del ta-mcp	1324/tcp	del ta-mcp
del ta-mcp	1324/udp	del ta-mcp
#		Quinton Tormanen <qui nton@del tacompsys. com>
dx-i nstrument	1325/tcp	DX-I nstrument
dx-i nstrument	1325/udp	DX-I nstrument
#		Wal t Modi c <Wal t. Modi c@di onex. com>
wi msic	1326/tcp	WI MSIC
wi msic	1326/udp	WI MSIC
#		James Brown <ender@admdev. com>
ul trex	1327/tcp	Ul trex
ul trex	1327/udp	Ul trex
#		Tim Wal sh <ti m@ul trex. com>
ewal l	1328/tcp	EWALL
ewal l	1328/udp	EWALL
#		Jeff Busma <busma@echogent. com>
netdb-export	1329/tcp	netdb-export
netdb-export	1329/udp	netdb-export
#		Konstantinos Kostis <netdb@kosti s. net>
streetperfect	1330/tcp	StreetPerfect
streetperfect	1330/udp	StreetPerfect
#		Michael R. Young <mi chael . young@tor. sunpub. com>
intersan	1331/tcp	intersan
intersan	1331/udp	intersan
#		Barry H. Feil d <barry@i ntersan. net>
pci a-rxp-b	1332/tcp	PCI A RXP-B
pci a-rxp-b	1332/udp	PCI A RXP-B
#		James Dabbs <j dabbs@tga. com>
passwd-policy	1333/tcp	Password Pol icy
passwd-policy	1333/udp	Password Pol icy
#		Tonio Pi rotta <toni o@tpi s. com. au>
wri tesrv	1334/tcp	wri tesrv
wri tesrv	1334/udp	wri tesrv
#		Marvi n Toungate <toungate@austi n. i bm. com>
di gi tal -notary	1335/tcp	Di gi tal Notary Protocol
di gi tal -notary	1335/udp	Di gi tal Notary Protocol
#		Wes Doonan
i schat	1336/tcp	I nstant Servi ce Chat
i schat	1336/udp	I nstant Servi ce Chat
#		Mi ke Cl i se <mi kec@i nstantservi ce. com>
menandmi ce-dns	1337/tcp	menandmi ce DNS
menandmi ce-dns	1337/udp	menandmi ce DNS
#		Si gfus Magnusson <si gfusm@menandmi ce. com>
wmc-l og-svc	1338/tcp	WMC-l og-svr
wmc-l og-svc	1338/udp	WMC-l og-svr
#		Scott Anderson <sanderso@worki ngmachi nes. com>
kj tsi teserver	1339/tcp	kj tsi teserver
kj tsi teserver	1339/udp	kj tsi teserver
#		Jason Aubai n <j aubai n@kj t. com>
naap	1340/tcp	NAAP
naap	1340/udp	NAAP
#		Henry Haveri nen <henry. haveri nen@noki a. com>
qubes	1341/tcp	QuBES
qubes	1341/udp	QuBES
#		Eric Grange <egrange@creati ve-i t. net>
esbroker	1342/tcp	ESBroker
esbroker	1342/udp	ESBroker
#		Al exander Medvi nsky <smedvi nsky@gi . com>
re101	1343/tcp	re101
re101	1343/udp	re101
#		Dori ano Bl engi no <tecni co@xonel ectroni cs. i t>
i cap	1344/tcp	I CAP

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
#		Simson L. Garfinkel <simsong@next.cambri dge.ma.us>
equationbuilder	1351/tcp	Digital Tool Works (MIT)
equationbuilder	1351/udp	Digital Tool Works (MIT)
#		Terrence J. Talbot <lexcube!tjt@bu.edu>
lotusnote	1352/tcp	Lotus Note
lotusnote	1352/udp	Lotus Note
#		Greg Pflaum <iris.com!Greg_Pflaum@uunet.uu.net>
relief	1353/tcp	Relief Consulting
relief	1353/udp	Relief Consulting
#		John Feiler <relief!jfeiler@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>
cui llamartin	1356/tcp	Cui llaMartin Company
cui llamartin	1356/udp	Cui llaMartin Company
pegboard	1357/tcp	Electronic PegBoard
pegboard	1357/udp	Electronic PegBoard
#		Chris Cui lla
#		<balr!vpnet!cui lla!chris@clout.chi.il.us>
connlcli	1358/tcp	CONNLCli
connlcli	1358/udp	CONNLCli
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@slugg@nwnexus.wa.com>
ndm-requester	1363/tcp	Network DataMover Requester
ndm-requester	1363/udp	Network DataMover Requester
ndm-server	1364/tcp	Network DataMover Server
ndm-server	1364/udp	Network DataMover Server
#		Toshio Watanabe
#		<watanabe@godzilla.rsc.spdd.ricoh.co.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 <ssi ebert@dcs.de>
screencast	1368/tcp	ScreenCast
screencast	1368/udp	ScreenCast
#		Bill Tschumy <other!bill@uunet.UU.NET>
gv-us	1369/tcp	Global View to Unix Shell
gv-us	1369/udp	Global View to Unix Shell
us-gv	1370/tcp	Unix Shell to Global View
us-gv	1370/udp	Unix Shell to Global View
#		Makoto Mi ta <mi ta@ssdev.ksp.fuji xerox.co.jp>
fc-cli	1371/tcp	Fuji tsu Config Protocol

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fc-cli	1371/udp	Fujitsu Config Protocol
fc-ser	1372/tcp	Fujitsu Config Protocol
fc-ser	1372/udp	Fujitsu Config Protocol
#		Ryuchi Hori e <hori.e@spad.sysrap.cs.fujitsu.co.jp>
chromagrafx	1373/tcp	Chromagrafx
chromagrafx	1373/udp	Chromagrafx
#		Mike Barthelémy <msb@chromagrafx.com>
molly	1374/tcp	EPI Software Systems
molly	1374/udp	EPI Software Systems
#		Jim Vlcek <jvlcek@veeco.com>
bytex	1375/tcp	Bytex
bytex	1375/udp	Bytex
#		Mary Ann Burt <bytex!ws054!maryann@uunet.UU.NET>
ibm-pps	1376/tcp	IBM Person to Person Software
ibm-pps	1376/udp	IBM Person to Person Software
#		Simon Phi pps <sphi pps@vnet.ibm.com>
ci chlid	1377/tcp	Ci chlid License Manager
ci chlid	1377/udp	Ci chlid License Manager
#		Andy Burgess <aab@ci chlid.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>
telesi s-licman	1380/tcp	Telesi s Network License Manager
telesi s-licman	1380/udp	Telesi s Network License Manager
#		Karl Schendel, Jr. <wiz@telesi s.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@siri.us.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.wi ns. icl . co. uk>
dvl -acti vemail	1396/tcp	DVL Active Mail
dvl -acti vemail	1396/udp	DVL Active Mail
audio-acti vmail	1397/tcp	Audio Active Mail
audio-acti vmail	1397/udp	Audio Active Mail
video-acti vmail	1398/tcp	Video Active Mail
video-acti vmail	1398/udp	Video Active Mail
#		Avshal om Hour i <Avshal om@ubi que.com>
cadkey-licman	1399/tcp	Cadkey License Manager
cadkey-licman	1399/udp	Cadkey License Manager
cadkey-tablet	1400/tcp	Cadkey Tablet Daemon

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cadkey-tablet	1400/udp	Cadkey Tablet Daemon
#		Joe McCollough <joe@cadkey.com>
goldleaf-li cman	1401/tcp	Goldleaf License Manager
goldleaf-li cman	1401/udp	Goldleaf License Manager
#		John Fox <---none--- ></td
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@bilmi.llennium.com>
af	1411/tcp	Audiophile
af	1411/udp	Audiophile
#		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--- ></td
ibm-mqseries	1414/tcp	IBM MQSeries
ibm-mqseries	1414/udp	IBM MQSeries
#		Roger Meli <rmmeli%wivm@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--- ></td
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>
gandalflm	1421/tcp	Gandalfl License Manager
gandalflm	1421/udp	Gandalfl License Manager
#		gilmer@gandalfl.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

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# 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 <ublueb!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 <gbmswl@ibmmail.COM>
saism 1436/tcp Satellite-data Acquisition System 2
saism 1436/udp Satellite-data Acquisition System 2
# Bill Taylor <sais@ssec.wisc.edu>
tabula 1437/tcp Tabula
tabula 1437/udp Tabula
# Marcelo EINHORN
# <KGUNE%HUJI VM1.bi tnet@tauni vm. tau. ac. il >
ei-con-server 1438/tcp Ei con Security Agent/Server
ei-con-server 1438/udp Ei con Security Agent/Server
ei-con-x25 1439/tcp Ei con X25/SNA Gateway
ei-con-x25 1439/udp Ei con X25/SNA Gateway
ei-con-slp 1440/tcp Ei con Service Location Protocol
ei-con-slp 1440/udp Ei con Service Location Protocol
# Pat Calhoun <CALHOUN@admin.ei-con.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 Wickers <twickers@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 Appligate <p.appligate2@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

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# 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_wireless_lan 1461/tcp IBM Wireless LAN
ibm_wireless_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 Amiraault <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@peerlogi.com
# Mark Farlin <mfarlin@peerlogi.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>
tefeinder 1474/tcp Tefeinder
tefeinder 1474/udp Tefeinder
# 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 Griwald <brian@dancingbear.com>
pacerforum 1480/tcp PacerForum
pacerforum 1480/udp PacerForum
# Peter Caswell <pfc@pacvax.pacersoft.com>
airs 1481/tcp AIRS
airs 1481/udp AIRS
# Bruce Wilson, 905-771-6161
miteksys-lm 1482/tcp Miteksys License Manager

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mi teksys-lm	1482/udp	Mi teksys License Manager
#		Shane McRoberts <mcr Roberts@mi teksys.com>
afs	1483/tcp	AFS License Manager
afs	1483/udp	AFS License Manager
#		Michael R. Pizolato <michael@afs.com>
confl uent	1484/tcp	Confl uent License Manager
confl uent	1484/udp	Confl uent License Manager
#		James Greenfi el <jim@pa.confl uent.com>
lansource	1485/tcp	LANSource
lansource	1485/udp	LANSource
#		Christopher Wel ls <Christopher_Wel ls@3com.com>
nms_topo_serv	1486/tcp	nms_topo_serv
nms_topo_serv	1486/udp	nms_topo_serv
#		Syl via Si u <Syl via_Si u@Novel l.CO>
local info srvr	1487/tcp	Local InfoSrvr
local info srvr	1487/udp	Local InfoSrvr
#		Brian Matthews <brian_matthews@i bi st. i bi s.com>
docstor	1488/tcp	DocStor
docstor	1488/udp	DocStor
#		Brian Spears <bspears@sal ix.com>
dmdocbroker	1489/tcp	dmdocbroker
dmdocbroker	1489/udp	dmdocbroker
#		Razmi k Abnous <abnous@documentum.com>
insi tu-conf	1490/tcp	insi tu-conf
insi tu-conf	1490/udp	insi tu-conf
#		Paul Blacknel l <paul@insi tu.com>
anynetgateway	1491/tcp	anynetgateway
anynetgateway	1491/udp	anynetgateway
#		Dan Poi ri er <poi ri er@VNET. I BM.COM>
stone-desi gn-1	1492/tcp	stone-desi gn-1
stone-desi gn-1	1492/udp	stone-desi gn-1
#		Andrew Stone <andrew@stone.com>
netmap_lm	1493/tcp	netmap_lm
netmap_lm	1493/udp	netmap_lm
#		Phi lli p Magson <phi lm@extro.ucc.su.OZ.AU>
ica	1494/tcp	ica
ica	1494/udp	ica
#		John Ri chardson, Ci tri x Systems
cvc	1495/tcp	cvc
cvc	1495/udp	cvc
#		Bi ll Davidson <bi lld@equal izer.cray.com>
liberty-lm	1496/tcp	liberty-lm
liberty-lm	1496/udp	liberty-lm
#		Jim Rogers <trane!jimbo@pacbel l.com>
rfx-lm	1497/tcp	rfx-lm
rfx-lm	1497/udp	rfx-lm
#		Bi ll Bi shop <bi l@rfx.rfx.com>
sybase-sql any	1498/tcp	Sybase SQL Any
sybase-sql any	1498/udp	Sybase SQL Any
#		Dave Neudoerffer <Dave.Neudoerffer@i anywhere.com>
fhc	1499/tcp	Federi co Hei nz Consul tora
fhc	1499/udp	Federi co Hei nz Consul tora
#		Federi co Hei nz <federi co@hei nz.com>
vlsi -lm	1500/tcp	VLSI License Manager
vlsi -lm	1500/udp	VLSI License Manager
#		Shue-Li n Kuo <shuel i@mdk.sanj ose.vlsi .com>
sai scm	1501/tcp	Satel l i te-data Acqui si ti on System 3
sai scm	1501/udp	Satel l i te-data Acqui si ti on System 3
#		Bi ll Tayl or <sai s@ssec.wi sc.edu>
shivi scovery	1502/tcp	Shi va
shivi scovery	1502/udp	Shi va
#		Jonathan Wenocur <jhw@Shi va.COM>
imtc-mcs	1503/tcp	Databeam
imtc-mcs	1503/udp	Databeam
#		Jim Johnston <jjohnston@databeam.com>
evb-elm	1504/tcp	EVB Software Engi neeri ng License Manager
evb-elm	1504/udp	EVB Software Engi neeri ng License Manager
#		B. G. Mahesh <mahesh@sett.com>
funkproxy	1505/tcp	Funk Software, Inc.
funkproxy	1505/udp	Funk Software, Inc.
#		Robert D. Vi ncent <bert@wi l lowpond.com>
utcd	1506/tcp	Uni versal Ti me daemon (utcd)
utcd	1506/udp	Uni versal Ti me daemon (utcd)
#		Wal ter Poxon <wdp@i ronwood.cray.com>
symp l ex	1507/tcp	symp l ex
symp l ex	1507/udp	symp l ex

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#		Mike Turlley <turlley@symplicity.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>
mvx-lm	1510/tcp	Midland Valley Exploration Ltd. Lic. Man.
mvx-lm	1510/udp	Midland Valley Exploration Ltd. Lic. Man.
#		Neil Salter <neil@indi.go2.mvel.demon.co.uk>Laszló
3l-l1	1511/tcp	3l-l1
3l-l1	1511/udp	3l-l1
#		Ian A. Young <iay@three.l.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 <robi@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 Hourie <Avshalom@ubi.que.com>
atm-zip-office	1520/tcp	atm zip office
atm-zip-office	1520/udp	atm zip office
#		Wilson Kwan <wilsonk%toronto@zip.atm.com>
ncube-lm	1521/tcp	nCube License Manager
ncube-lm	1521/udp	nCube License Manager
#		Maxine Yuen <maxine@hq.ncube.com>
ricardo-lm	1522/tcp	Ricardo North America License Manager
ricardo-lm	1522/udp	Ricardo North America License Manager
#		Mike Flemming <mf@xnet.com>
cichild-lm	1523/tcp	ci child
cichild-lm	1523/udp	ci child
#		Andy Burgess <aab@cichild.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-private
prospero-np	1525/udp	Prospero Directory Service non-private
pdap-np	1526/tcp	Prospero Data Access Prot non-private
pdap-np	1526/udp	Prospero Data Access Prot non-private
#		B. Clifford Neuman <bcn@isi.edu>
tlisrv	1527/tcp	oracle
tlisrv	1527/udp	oracle
mci autoreg	1528/tcp	mici autoreg
mci autoreg	1528/udp	mici autoreg
#		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>
miroconnect	1532/tcp	miroconnect
miroconnect	1532/udp	miroconnect
#		Michael Fischer +49 531 21 13 0
virtual-places	1533/tcp	Virtual Places Software
virtual-places	1533/udp	Virtual Places Software
#		Avshalom Hourie <Avshalom@ubi.que.com>
micromuse-lm	1534/tcp	micromuse-lm
micromuse-lm	1534/udp	micromuse-lm
#		Adam Kerri son <adam@micromuse.co.uk>
ampr-info	1535/tcp	ampr-info

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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
#		<acarleton@naper1.naperville.il.ncr.com>
abbaccuray	1546/tcp	abbaccuray
abbaccuray	1546/udp	abbaccuray
#		John Wendt 614-261-2000
laplink	1547/tcp	laplink
laplink	1547/udp	laplink
#		Michael Crawford <MichaelC@dev.travsoft.com>
axon-lm	1548/tcp	Axon License Manager
axon-lm	1548/udp	Axon License Manager
#		Mark Pearce <<Mark_A._Pearce@AXON_Networks_Inc..@notes.axon.com>
shivahose	1549/tcp	Shiva Hose
shivasound	1549/udp	Shiva Sound
#		kin Chan <kchan@shi va.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 <rfo lkes@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@caci asl .com>
livelan	1555/tcp	livelan
livelan	1555/udp	livelan
#		khedayat@roadrunner.pictel.com <Kaynam Hedayat>
ashwin	1556/tcp	AshWin CI Tecnol ogi es
ashwin	1556/udp	AshWin CI Tecnol ogi es
#		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@mi ndspri ng.com>
ascii-val	1560/tcp	ASCII-RemoteSHADOW
ascii-val	1560/udp	ASCII-RemoteSHADOW
#		Benjamin Rosenberg <brosenberg@advsyscon.com>

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faci l i tyvi ew	1561/tcp	faci l i tyvi ew
faci l i tyvi ew	1561/udp	faci l i tyvi ew
#		Ed Green <egreen@pmeasuri ng. com>
pconnectmgr	1562/tcp	pconnectmgr
pconnectmgr	1562/udp	pconnectmgr
#		Bob Kai ser <BKai ser@pal i ndrome. com>
cadabra-lm	1563/tcp	Cadabra Li cense Manager
cadabra-lm	1563/udp	Cadabra Li cense Manager
#		Arthur Castonguay <arthurc@doe. carl eton. ca>
pay-per-vi ew	1564/tcp	Pay-Per-Vi ew
pay-per-vi ew	1564/udp	Pay-Per-Vi ew
#		Bri an Tung <bri an@i si . edu>
wi nddl b	1565/tcp	Wi nDD
wi nddl b	1565/udp	Wi nDD
#		Kel ly Si ms <kel l ys@garnet. wv. tek. com>
corel vi deo	1566/tcp	CORELVI DEO
corel vi deo	1566/udp	CORELVI DEO
#		Mi ng Poon <mi ngp@corel . ca>
j l i cel md	1567/tcp	j l i cel md
j l i cel md	1567/udp	j l i cel md
#		Christi an Schormann <100410. 3063@compuserve. com>
tsspmmap	1568/tcp	tsspmmap
tsspmmap	1568/udp	tsspmmap
#		Paul W. Nel son <nel son@thursby. com>
ets	1569/tcp	ets
ets	1569/udp	ets
#		Carstei n Seeberg <case@bool e. no>
orbi xd	1570/tcp	orbi xd
orbi xd	1570/udp	orbi xd
#		Bri dget Wal sh <bwal sh@i ona. i e>
rdb-dbs-di sp	1571/tcp	Oracle Remote Data Base
rdb-dbs-di sp	1571/udp	Oracle Remote Data Base
#		<macki n@us. oracl e. com>
chi p-lm	1572/tcp	Chi pcom Li cense Manager
chi p-lm	1572/udp	Chi pcom Li cense Manager
#		Jerry Natowi tz <Jerry Natowi tz>
i tscmm-ns	1573/tcp	i tscmm-ns
i tscmm-ns	1573/udp	i tscmm-ns
#		Ri ch Thompson <ri cht@watson. i bm. com>
mvel -lm	1574/tcp	mvel -lm
mvel -lm	1574/udp	mvel -lm
#		Davi d Bi sset <dbi sset@mvel . demon. co. uk>
oracl enames	1575/tcp	oracl enames
oracl enames	1575/udp	oracl enames
#		P. V. Shi vkumar <PSHI VKUM@us. oracl e. com>
mol dfl ow-lm	1576/tcp	mol dfl ow-lm
mol dfl ow-lm	1576/udp	mol dfl ow-lm
#		Paul Browne <browne@mol dfl ow. com. au>
hypercube-lm	1577/tcp	hypercube-lm
hypercube-lm	1577/udp	hypercube-lm
#		Christo pher McLendon <cem@hyper. com>
jacobus-lm	1578/tcp	Jacobus Li cense Manager
jacobus-lm	1578/udp	Jacobus Li cense Manager
#		Tony Cl evel and <tony. cl evel and@jacobus. com>
i oc-sea-lm	1579/tcp	i oc-sea-lm
i oc-sea-lm	1579/udp	i oc-sea-lm
#		Paul Nel son <paul @i oc-sea. com>
tn-tl -r1	1580/tcp	tn-tl -r1
tn-tl -r2	1580/udp	tn-tl -r2
#		Ed Kress <eskress@thi nknet. com>
mi l -2045-47001	1581/tcp	MI L-2045-47001
mi l -2045-47001	1581/udp	MI L-2045-47001
#		Eric Whi tehi l l <eawhi teh@i tt. com>
msi ms	1582/tcp	MSI MS
msi ms	1582/udp	MSI MS
#		Gl enn Ol ander <gj o@msi . com>
si mbaexpress	1583/tcp	si mbaexpress
si mbaexpress	1583/udp	si mbaexpress
#		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@thi nknet. com>
i nt v	1585/tcp	i nt v
i nt v	1585/udp	i nt v
#		Dermot Tynand <dtynan@cl addagh. i e>
i bm-abtact	1586/tcp	i bm-abtact

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i bm-abtact	1586/udp	i bm-abtact
#		Sandeep K. Singhal <si nghal @CS. Stanford. EDU>
pra_el md	1587/tcp	pra_el md
pra_el md	1587/udp	pra_el md
#		Dennis Mastin <denni s@tasmani a. pl atte. com>
tri quest-l m	1588/tcp	tri quest-l m
tri quest-l m	1588/udp	tri quest-l m
#		Nand Kumar <nkumar@tri quest-da. com>
vqp	1589/tcp	VQP
vqp	1589/udp	VQP
#		Keith McCl oghri e <kzm@ci sco. com>
gemi ni -l m	1590/tcp	gemi ni -l m
gemi ni -l m	1590/udp	gemi ni -l m
#		Tony Sawyer <tonys@gemtech. com>
ncpm-pm	1591/tcp	ncpm-pm
ncpm-pm	1591/udp	ncpm-pm
#		Ted Power <tedp@hpi npc. cup. hp. com>
commonsace	1592/tcp	commonsace
commonsace	1592/udp	commonsace
#		Rob Chandhok <chandhok@wi thi n. com>
mai nsoft-l m	1593/tcp	mai nsoft-l m
mai nsoft-l m	1593/udp	mai nsoft-l m
#		Anand Gangadharan <anand@goa. mai nsoft. com>
si xtrak	1594/tcp	si xtrak
si xtrak	1594/udp	si xtrak
#		Bob Renni e <rj renni e@wi zvax. net>
radi o	1595/tcp	radi o
radi o	1595/udp	radi o
radi o-sm	1596/tcp	radi o-sm
radi o-bc	1596/udp	radi o-bc
#		Ken Chapman <kchapman@i si s. com>
orbpl us-i i op	1597/tcp	orbpl us-i i op
orbpl us-i i op	1597/udp	orbpl us-i i op
#		Robert A. Kukura <kukura@apol l o. hp. com>
pi cknfs	1598/tcp	pi cknfs
pi cknfs	1598/udp	pi cknfs
#		John Lombardo <j ohnl @pi cksys. com>
si mbaservi ces	1599/tcp	si mbaservi ces
si mbaservi ces	1599/udp	si mbaservi ces
#		Betsy Al exander +1 604-681-4549
i ssd	1600/tcp	
i ssd	1600/udp	
aas	1601/tcp	aas
aas	1601/udp	aas
#		Bob Beard <bobb@l achman. com>
i nspect	1602/tcp	i nspect
i nspect	1602/udp	i nspect
#		Frank O' Nei ll <frank@morse. i l o. dec. com>
pi codbc	1603/tcp	pi ckodbc
pi codbc	1603/udp	pi ckodbc
#		John Lombardo <j ohnl @pi cksys. com>
i cabrowser	1604/tcp	i cabrowser
i cabrowser	1604/udp	i cabrowser
#		Brad Pedersen <bradp@ci tri x. com>
sl p	1605/tcp	Sal utati on Manager (Sal utati on Protocol)
sl p	1605/udp	Sal utati on Manager (Sal utati on Protocol)
sl m-api	1606/tcp	Sal utati on Manager (SLM-API)
sl m-api	1606/udp	Sal utati on Manager (SLM-API)
#		Tohru Mori <tmori @VNET. I BM. COM>
stt	1607/tcp	stt
stt	1607/udp	stt
#		Ryan Bol z <ryanbo@mi crosoft. com>
smart-l m	1608/tcp	Smart Corp. Li cense Manager
smart-l m	1608/udp	Smart Corp. Li cense Manager
#		Conni e Qi u <conni e@scdb. com>
i sysg-l m	1609/tcp	i sysg-l m
i sysg-l m	1609/udp	i sysg-l m
#		Adam Curti n <adam. curtin@i sysg. com>
taurus-wh	1610/tcp	taurus-wh
taurus-wh	1610/udp	taurus-wh
#		Jeff Moffatt <j eff@taurus. com>
i ll	1611/tcp	Inter Li brary Loan
i ll	1611/udp	Inter Li brary Loan
#		Ni all Murphy <ni all m@orca. ucd. i e>
netbi ll -trans	1612/tcp	NetBi ll Transacti on Server
netbi ll -trans	1612/udp	NetBi ll Transacti on Server

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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 <si_rbu+@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
#		Xui S Software Ltd. <100322.2376@compuserve.com>
faxportwimport	1620/tcp	faxportwimport
faxportwimport	1620/udp	faxportwimport
#		Chris Wells <chris_wells@ansource.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
jal eosnd	1623/tcp	jal eosnd
jal eosnd	1623/udp	jal eosnd
#		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.avi onics.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 <sal len@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 <tml ee@us.oracle.com>
visitview	1631/tcp	Visitview
visitview	1631/udp	Visitview
#		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@si mple-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
cni p	1638/tcp	CableNet Info Protocol
cni p	1638/udp	CableNet Info Protocol
#		Dami an Hamill <dami an@cable net.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>

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invisi on	1641/tcp	InVi si on
invisi on	1641/udp	InVi si on
#		Chri stopher Davey <ni al l ocl @quay. i e>
isi s-am	1642/tcp	isi s-am
isi s-am	1642/udp	isi s-am
isi s-ambc	1643/tcp	isi s-ambc
isi s-ambc	1643/udp	isi s-ambc
#		Ken Chapman <kchapman@isi s. com>
sai seh	1644/tcp	Satelli te-data Acqui si ti on System 4
#		Bi ll Tayl or <sai s@ssec. wi sc. edu>
si ghtli ne	1645/tcp	Si ghtLi ne
si ghtli ne	1645/udp	Si ghtLi ne
#		Stuart J. Newman <stuart. newman@fortel . com>
sa-msg-port	1646/tcp	sa-msg-port
sa-msg-port	1646/udp	sa-msg-port
#		Eric Whi tehil l <eawhi teh@i tt. com>
rsap	1647/tcp	rsap
rsap	1647/udp	rsap
#		Hol ger Rei f
#		<Hol ger. Rei f@praki nf. tu-i l menau. de>
concurrent-lm	1648/tcp	concurrent-lm
concurrent-lm	1648/udp	concurrent-lm
#		Maggi e Bri nsford <mj b@concurrent. co. uk>
kermi t	1649/tcp	kermi t
kermi t	1649/udp	kermi t
#		Frank da Cruz <fdc@watsun. cc. col umbi a. edu>
nkd	1650/tcp	nkdn
nkd	1650/udp	nkd
shi va_confsrvr	1651/tcp	shi va_confsrvr
shi va_confsrvr	1651/udp	shi va_confsrvr
#		Mi ke Horowi tz <mah@Shi va. COM>
xnmp	1652/tcp	xnmp
xnmp	1652/udp	xnmp
#		Al i Sal eh <scomm@cerf. net>
al phatech-lm	1653/tcp	al phatech-lm
al phatech-lm	1653/udp	al phatech-lm
#		Joseph Hauk <joseph. hauk@al phatech. com>
stargateal erts	1654/tcp	stargateal erts
stargateal erts	1654/udp	stargateal erts
#		Ti m Coppernol l
#		<Ti m_Coppernol l@ccm. j f. i ntel . com>
dec-mbadmi n	1655/tcp	dec-mbadmi n
dec-mbadmi n	1655/udp	dec-mbadmi n
dec-mbadmi n-h	1656/tcp	dec-mbadmi n-h
dec-mbadmi n-h	1656/udp	dec-mbadmi n-h
#		Ni ck Shi pman <Ni ck. Shi pman@rmrog. reo. dec. com>
fuj i tsu-mmpdc	1657/tcp	fuj i tsu-mmpdc
fuj i tsu-mmpdc	1657/udp	fuj i tsu-mmpdc
#		Katsumi Oomuro <NAE01421@ni ftyserve. or. j p>
si xnetudr	1658/tcp	si xnetudr
si xnetudr	1658/udp	si xnetudr
#		Bob Renni e <rj renni e@wi zvax. net>
sg-lm	1659/tcp	Si l i con Grai l Li cense Manager
sg-lm	1659/udp	Si l i con Grai l Li cense Manager
#		Wi l l i am R Bi shop <wrb@worl d. std. com>
ski p-mc-gi kreq	1660/tcp	ski p-mc-gi kreq
ski p-mc-gi kreq	1660/udp	ski p-mc-gi kreq
#		Tom Markson <markson@osmosys. i ncog. com>
netvi ew-ai x-1	1661/tcp	netvi ew-ai x-1
netvi ew-ai x-1	1661/udp	netvi ew-ai x-1
netvi ew-ai x-2	1662/tcp	netvi ew-ai x-2
netvi ew-ai x-2	1662/udp	netvi ew-ai x-2
netvi ew-ai x-3	1663/tcp	netvi ew-ai x-3
netvi ew-ai x-3	1663/udp	netvi ew-ai x-3
netvi ew-ai x-4	1664/tcp	netvi ew-ai x-4
netvi ew-ai x-4	1664/udp	netvi ew-ai x-4
netvi ew-ai x-5	1665/tcp	netvi ew-ai x-5
netvi ew-ai x-5	1665/udp	netvi ew-ai x-5
netvi ew-ai x-6	1666/tcp	netvi ew-ai x-6
netvi ew-ai x-6	1666/udp	netvi ew-ai x-6
netvi ew-ai x-7	1667/tcp	netvi ew-ai x-7
netvi ew-ai x-7	1667/udp	netvi ew-ai x-7
netvi ew-ai x-8	1668/tcp	netvi ew-ai x-8
netvi ew-ai x-8	1668/udp	netvi ew-ai x-8
netvi ew-ai x-9	1669/tcp	netvi ew-ai x-9
netvi ew-ai x-9	1669/udp	netvi ew-ai x-9

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netvi ew-ai x-10	1670/tcp	netvi ew-ai x-10
netvi ew-ai x-10	1670/udp	netvi ew-ai x-10
netvi ew-ai x-11	1671/tcp	netvi ew-ai x-11
netvi ew-ai x-11	1671/udp	netvi ew-ai x-11
netvi ew-ai x-12	1672/tcp	netvi ew-ai x-12
netvi ew-ai x-12	1672/udp	netvi ew-ai x-12
#		Martha Criss on
#		<CRIS S ON@ra lvm12. vnet. i bm. com>
proshare-mc-1	1673/tcp	Intel Proshare Mul ti cast
proshare-mc-1	1673/udp	Intel Proshare Mul ti cast
proshare-mc-2	1674/tcp	Intel Proshare Mul ti cast
proshare-mc-2	1674/udp	Intel Proshare Mul ti cast
#		Mark Lewi s <Mark_Lewi s@ccm. j f. i ntel . com>
pdp	1675/tcp	Paci fic Data Products
pdp	1675/udp	Paci fic Data Products
#		Gary Morton <mortong@pacdata. com>
netcomm1	1676/tcp	netcomm1
netcomm2	1676/udp	netcomm2
#		Bul ent Kasman <BKasman@symantec. com>
groupwi se	1677/tcp	groupwi se
groupwi se	1677/udp	groupwi se
#		Brent Bradshaw <bbradshaw@novel l. com>
proli nk	1678/tcp	proli nk
proli nk	1678/udp	proli nk
#		Bri an Abramson <bri anab@soul . tv. tek. com>
darcorp-l m	1679/tcp	darcorp-l m
darcorp-l m	1679/udp	darcorp-l m
#		<DARcorp@aol . com>
mi crocom-sbp	1680/tcp	mi crocom-sbp
mi crocom-sbp	1680/udp	mi crocom-sbp
#		Bori s B. Mai den <Bori s_Mai den@smtp. mi crocom. com>
sd-el md	1681/tcp	sd-el md
sd-el md	1681/udp	sd-el md
#		Bryan Otey <bwo@softdesk. com>
l anyon-l antern	1682/tcp	l anyon-l antern
l anyon-l antern	1682/udp	l anyon-l antern
#		Robi n Lewi s <robi n. Lewi s@l anyon. com>
ncpm-hi p	1683/tcp	ncpm-hi p
ncpm-hi p	1683/udp	ncpm-hi p
#		Ken Hearn <hearn@hpi ndacx. cup. hp. com>
snaresecure	1684/tcp	SnareSecure
snaresecure	1684/udp	SnareSecure
#		Marty Batchel der <marty@capres. com>
n2nremote	1685/tcp	n2nremote
n2nremote	1685/udp	n2nremote
#		Ki n Chan <kchan@net2net. com>
cvmon	1686/tcp	cvmon
cvmon	1686/udp	cvmon
#		Carol Ann Krug <carol ann@hpmfas3. cup. hp. com>
nsj tp-ctrl	1687/tcp	nsj tp-ctrl
nsj tp-ctrl	1687/udp	nsj tp-ctrl
nsj tp-data	1688/tcp	nsj tp-data
nsj tp-data	1688/udp	nsj tp-data
#		Orazi o Granato <og@wsbgrd01. i tal y. hp. com>
fi refox	1689/tcp	fi refox
fi refox	1689/udp	fi refox
#		Mark S. Edwards <marke@fi refox. co. uk>
ng-umds	1690/tcp	ng-umds
ng-umds	1690/udp	ng-umds
#		Loui s E. Si mard <76400. 3371@compuserve. com>
empi re-empuma	1691/tcp	empi re-empuma
empi re-empuma	1691/udp	empi re-empuma
#		Bobby Krupczak <rdk@empi retech. com>
sstsys-l m	1692/tcp	sstsys-l m
sstsys-l m	1692/udp	sstsys-l m
#		Yi h-Wu Wang <sstsys@i x. netcom. com>
rri rtr	1693/tcp	rri rtr
rri rtr	1693/udp	rri rtr
rri mwm	1694/tcp	rri mwm
rri mwm	1694/udp	rri mwm
rri lwm	1695/tcp	rri lwm
rri lwm	1695/udp	rri lwm
rri fmm	1696/tcp	rri fmm
rri fmm	1696/udp	rri fmm
rri sat	1697/tcp	rri sat
rri sat	1697/udp	rri sat

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#		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.ci.sco.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>
vdmply	1707/tcp	vdmply
vdmply	1707/udp	vdmply
#		Vadim Lebedev <vadim@magi.c.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@hpi.ndacx.cup.hp.com>
conferencetalk	1713/tcp	ConferenceTalk
conferencetalk	1713/udp	ConferenceTalk
#		George Kajos <gkajos@mail1.videosever.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@SI.DEX.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 Maki no <m-makin@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@beam.jfi.intel.com>
cai cci	1721/tcp	cai cci
cai cci	1721/udp	cai cci
#		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

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#		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>
wi nddx	1727/tcp	wi nddx
wi nddx	1727/udp	wi nddx
#		Bill Andrews <bill_a@vnd.tek.com>
tel i ndus	1728/tcp	TELI NDUS
tel i ndus	1728/udp	TELI NDUS
#		Paul Pyck <papy@tel i ndus.be
ci tynl	1729/tcp	Ci tyNL Li cense Management
ci tynl	1729/udp	Ci tyNL Li cense Management
#		Ci tyDi sc >ci tydi sc@euronet.nl >
roketz	1730/tcp	roketz
roketz	1730/udp	roketz
#		Ahti Hei nla <ahti@ahti .bl uemoon.ee>
msi ccp	1731/tcp	MSI CCP
msi ccp	1731/udp	MSI CCP
#		Max Morris <maxm@MICROSOFT.com>
proxi m	1732/tcp	proxi m
proxi m	1732/udp	proxi m
#		Sri ni vas N. Mogal apal li <sri ni vas@proxi m.com>
si i pat	1733/tcp	SIMS - SIIPAT Protocol for Alarm Transmi ssi on
si i pat	1733/udp	SIMS - SIIPAT Protocol for Alarm Transmi ssi on
#		Steve Ryckman <i ana@si msware.com>
cambertx-lm	1734/tcp	Camber Corporati on Li cense Management
cambertx-lm	1734/udp	Camber Corporati on Li cense Management
#		Jeanni e Burl eson <j eanni e@cambertx.com>
pri vatechat	1735/tcp	Pri vateChat
pri vatechat	1735/udp	Pri vateChat
#		Loui s E. Si mard <76400.3371@CompuServe.COM>
street-stream	1736/tcp	street-stream
street-stream	1736/udp	street-stream
#		Glenn Levi tt <streetd1@i x.netcom.com>
ul ti mad	1737/tcp	ul ti mad
ul ti mad	1737/udp	ul ti mad
#		(Mi chael Lanzetta <hagbard@ul ti matech.com>
gamegen1	1738/tcp	GameGen1
gamegen1	1738/udp	GameGen1
#		Gl en Pearson <Gl enP@mul ti gen.com>
webaccess	1739/tcp	webaccess
webaccess	1739/udp	webaccess
#		Chri sti an Saether <Chri sti anS@asymetri x.com>
encore	1740/tcp	encore
encore	1740/udp	encore
#		Stuart Button <button@promi s.com>
ci sco-net-mgmt	1741/tcp	ci sco-net-mgmt
ci sco-net-mgmt	1741/udp	ci sco-net-mgmt
#		John McCormack <j mac@ci sco.com>
3Com-nsd	1742/tcp	3Com-nsd
3Com-nsd	1742/udp	3Com-nsd
#		Ni tza Stei nberg <ni tza@i sd.3com.com>
ci negrfx-lm	1743/tcp	Ci nema Graphi cs Li cense Manager
ci negrfx-lm	1743/udp	Ci nema Graphi cs Li cense Manager
#		Rodney Iwashina <rodney@cycl one.rfx.com>
ncpm-ft	1744/tcp	ncpm-ft
ncpm-ft	1744/udp	ncpm-ft
#		Ken Hearn <hearn@hpi ndacx.cup.hp.com>
remote-wi nsock	1745/tcp	remote-wi nsock
remote-wi nsock	1745/udp	remote-wi nsock
#		Avi Nathan <avi n@microsoft.com>
ftrapi d-1	1746/tcp	ftrapi d-1
ftrapi d-1	1746/udp	ftrapi d-1
ftrapi d-2	1747/tcp	ftrapi d-2
ftrapi d-2	1747/udp	ftrapi d-2
#		Ri chard J. Wi lli ams <RJW1@trpo4.tr.uni sys.com>
oracl e-em1	1748/tcp	oracl e-em1
oracl e-em1	1748/udp	oracl e-em1
#		Bob Purvy <bpurvy@us.oracl e.com>
aspen-servi ces	1749/tcp	aspen-servi ces

aspen-servi ces	1749/udp	aspen-servi ces
#		Mark B. Hurst <mhurst@aspenres.com>
ssl p	1750/tcp	Simple Socket Li brary' s PortMaster
ssl p	1750/udp	Simple Socket Li brary' s PortMaster
#		Dr. Charles E. Campbell Jr.
#		<cec@gryphon.gsfc.nasa.gov>
swi ftnet	1751/tcp	Swi ftNet
swi ftnet	1751/udp	Swi ftNet
#		Terry Lim <tkl@pentek.com>
l ofr-l m	1752/tcp	Leap of Fai th Research Li cense Manager
l ofr-l m	1752/udp	Leap of Fai th Research Li cense Manager
#		
translogi c-l m	1753/tcp	Translogi c Li cense Manager
translogi c-l m	1753/udp	Translogi c Li cense Manager
#		Stan Dal las <stan@translogi c.com>
oracl e-em2	1754/tcp	oracl e-em2
oracl e-em2	1754/udp	oracl e-em2
#		Bob Purvy <bpurvy@us.oracl e.com>
ms-streami ng	1755/tcp	ms-streami ng
ms-streami ng	1755/udp	ms-streami ng
#		Bret O' Rourke <bretor@mi crosoft.com>
capfast-l md	1756/tcp	capfast-l md
capfast-l md	1756/udp	capfast-l md
#		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-l m	1759/tcp	SPSS Li cense Manager
spss-l m	1759/udp	SPSS Li cense Manager
#		Tex Hull <tex@spss.com>
www-l dap-gw	1760/tcp	www-l dap-gw
www-l dap-gw	1760/udp	www-l dap-gw
#		Ni ck Emery <Ni ck.Emery@al tavi sta.digi tal.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 Hai ght <cameron_hai ght@bmc.com>
bmc-net-svc	1770/tcp	bmc-net-svc
bmc-net-svc	1770/udp	bmc-net-svc
#		Cameron Hai ght <cameron_hai ght@bmc.com>bmc-net-svc
vaul tbase	1771/tcp	vaul tbase
vaul tbase	1771/udp	vaul tbase
#		Jose A. Sesi n <sesi n@vaul tbase.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 Chastai n <roy@kmsys.com>
gl obal -dtserv	1774/tcp	gl obal -dtserv
gl obal -dtserv	1774/udp	gl obal -dtserv
#		Ni chol as Davi es <N.Davi es@gl obal comm.co.uk>
#	1775/tcp	
femi s	1776/tcp	Federal Emergency Management Informati on System
femi s	1776/udp	Federal Emergency Management Informati on System
#		Larry Gerhardstei n <l h_gerhardstei n@pnl.gov>
powerguardi an	1777/tcp	powerguardi an

powerguardian	1777/udp	powerguardian
#		Charles Bennett <chuck@benatong.com>
prodi gy-i ntrnet	1778/tcp	prodi gy-i nternet
prodi gy-i ntrnet	1778/udp	prodi gy-i nternet
#		Bob Dedrick <bob@staff.prodi gy.com>
pharmasoftware	1779/tcp	pharmasoftware
pharmasoftware	1779/udp	pharmasoftware
#		Ola Strandberg <Ola.Strandberg@pharmasoftware.se>
dpkeyserver	1780/tcp	dpkeyserver
dpkeyserver	1780/udp	dpkeyserver
#		Yasunari Gon Yamashita <yamashita@omronsoftware.co.jp>
answersoftware-lm	1781/tcp	answersoftware-lm
answersoftware-lm	1781/udp	answersoftware-lm
#		James A. Brewster <jimbrew@answersoftware.com>
hp-hci p	1782/tcp	hp-hci p
hp-hci p	1782/udp	hp-hci p
#		Allen Baker <abaker@boi.hp.com>
#	1783	Decommissioned 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.ui.c.edu>
nmsp	1790/tcp	Narrative Media Streaming Protocol
nmsp	1790/udp	Narrative Media Streaming Protocol
#		Paul Santinelli, Jr. <psantinelli@narrative.com>
ea1	1791/tcp	EA1
ea1	1791/udp	EA1
#		Kirk MacLean <kmaclan@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@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>

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hp-hci p-gwy	1803/tcp	HP-HCI P-GWY
hp-hci p-gwy	1803/udp	HP-HCI P-GWY
#		Allen Baker <abaker@boi.hp.com>
enl	1804/tcp	ENL
enl	1804/udp	ENL
#		Brian Olsson <briolsson@pacbell.net>
enl-name	1805/tcp	ENL-Name
enl-name	1805/udp	ENL-Name
#		Brian Olsson <briolsson@pacbell.net>
musiconline	1806/tcp	Musiconline
musiconline	1806/udp	Musiconline
#		Craig Weeks <cweeks@syspace.co.uk>
fhsp	1807/tcp	Fujitsu Hot Standby Protocol
fhsp	1807/udp	Fujitsu Hot Standby Protocol
#		Eiki Iwata (eiki@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@livngston.com>
radius-acct	1813/tcp	RADIUS Accounting
radius-acct	1813/udp	RADIUS Accounting
#		Carl Rigney <cdr@livngston.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 Muckenhiern <FAX: 49-7622-398200>
#		<Phone: 49-7622-3980>
harp	1816/tcp	HARP
harp	1816/udp	HARP
#		Bjorn Chambliss <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 <mi m@ermuk.com>
mcagent	1820/tcp	mcagent
mcagent	1820/udp	mcagent
#		Ryoichi Shinohara <shinohara@VNET.IBM.COM>
donnyworld	1821/tcp	donnyworld
donnyworld	1821/udp	donnyworld
#		Don Oliver <don@donnyworld.com>
es-elmd	1822/tcp	es-elmd
es-elmd	1822/udp	es-elmd
#		David Duncan <dduncan@es.com>
unisys-lm	1823/tcp	Unisys Natural Language License Manager
unisys-lm	1823/udp	Unisys Natural Language License Manager
#		Raymond A. Diedrichs <rayd@slu.tr.unisys.com>
metrics-pas	1824/tcp	metrics-pas
metrics-pas	1824/udp	metrics-pas
#		Tom Haapanen <tomh@metrics.com>
di recpc-vi deo	1825/tcp	Di recPC Vi deo
di recpc-vi deo	1825/udp	Di recPC Vi deo
#		Chris Kerri gan <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.mai.l.abb.com>

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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 a	1829/tcp	Optika eMedia
optika-emedi a	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 Slieden <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>
di recpc-dll	1844/tcp	Di recPC-DLL
di recpc-dll	1844/udp	Di recPC-DLL
#		Chris Kerrigan <ckerrigan@hns.com>
al talink	1845/tcp	al talink
al talink	1845/udp	al talink
#		Alberto Raydan <alberto@alatasol.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>
fj docdist	1848/tcp	fj docdist
fj docdist	1848/udp	fj docdist
#		Yuiichi 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@dsbcipas.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@medicalingo.com>

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fi orano-rtrsvc	1855/tcp	Fi orano RtrSvc
fi orano-rtrsvc	1855/udp	Fi orano RtrSvc
fi orano-msgsvc	1856/tcp	Fi orano MsgSvc
fi orano-msgsvc	1856/udp	Fi orano MsgSvc
#		Al bert Hol t <al berth@fi orano. com>
datacaptor	1857/tcp	DataCaptor
datacaptor	1857/udp	DataCaptor
#		Steven M. Forrester <StevenF@Capsul eTech. com>
pri vateark	1858/tcp	Pri vateArk
pri vateark	1858/udp	Pri vateArk
#		Ronen Zoran <ronenz@cyber-ark. com>
gammafetchsvr	1859/tcp	Gamma Fetcher Server
gammafetchsvr	1859/udp	Gamma Fetcher Server
#		Cnaan Avi v <cnaan@gammasi te. com>
sunscal ar-svc	1860/tcp	SunSCALAR Servi ces
sunscal ar-svc	1860/udp	SunSCALAR Servi ces
#		Sanj ay Radi a <srradi a@kasumbi . Eng. Sun. COM>
l ecroy-vi cp	1861/tcp	LeCroy VI CP
l ecroy-vi cp	1861/udp	LeCroy VI CP
#		Anthony Cake <anthonyrc@l ecroy. 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
#		Wi lli am Lai <wl ai @mi crosoft. com>
paradym-31port	1864/tcp	Paradym 31 Port
paradym-31port	1864/udp	Paradym 31 Port
#		Davi d Wooden <dwooden@wi zdom. com>
entp	1865/tcp	ENTP
entp	1865/udp	ENTP
#		Sei ko Epson <l shi da. Hi toshi @exc. epson. co. j p>
swrmi	1866/tcp	swrmi
swrmi	1866/udp	swrmi
#		Jun Yoshi i <yoshi i @ael . fuj i tsu. co. j p>
udri ve	1867/tcp	UDRI VE
udri ve	1867/udp	UDRI VE
#		Robby Wal ker <webmaster@cd-l ab. com>
vi zi bl ebrowser	1868/tcp	Vi zi bl eBrowser
vi zi bl ebrowser	1868/udp	Vi zi bl eBrowser
#		Ji mmy Tal bot <j tal bot@vi zi bl e. com>
yestrader	1869/tcp	YesTrader
yestrader	1869/udp	YesTrader
#		Robert Bryan <bbryan@yestrader. com>
sunscal ar-dns	1870/tcp	SunSCALAR DNS Servi ce
sunscal ar-dns	1870/udp	SunSCALAR DNS Servi ce
#		Sanj ay Radi a <srradi a@kasumbi . Eng. Sun. COM>
canocentral 0	1871/tcp	Cano Central 0
canocentral 0	1871/udp	Cano Central 0
canocentral 1	1872/tcp	Cano Central 1
canocentral 1	1872/udp	Cano Central 1
#		Mark McNamara <markm@research. canon. com. au>
fj mpj ps	1873/tcp	Fj mpj ps
fj mpj ps	1873/udp	Fj mpj ps
fj swapsnp	1874/tcp	Fj swapsnp
fj swapsnp	1874/udp	Fj swapsnp
#		Y. Ohi wa <y-ohi wa@ael . fuj i tsu. co. j p>
westel l -stats	1875/tcp	westel l stats
westel l -stats	1875/udp	westel l stats
#		Thomas McCabe <tmcca@westel l . com>
ewcappsrv	1876/tcp	ewcappsrv
ewcappsrv	1876/udp	ewcappsrv
#		Howard Yi n <howard. yi n@eri csson. com>
hp-webqosdb	1877/tcp	hp-webqosdb
hp-webqosdb	1877/udp	hp-webqosdb
#		Ki m Scott <ki ms@cup. hp. com>
drmsmc	1878/tcp	drmsmc
drmsmc	1878/udp	drmsmc
#		Katsuhi ko Abe <kabe@hst. fuj i tsu. co. j p>
nettgai n-nms	1879/tcp	NettGai n NMS
nettgai n-nms	1879/udp	NettGai n NMS
#		Dr. Yai r Shapi ra <yai r@fl ashnetworks. com>
vsat-control	1880/tcp	Gi l at VSAT Control
vsat-control	1880/udp	Gi l at VSAT Control
#		Yari v Kapl an <yari vk@gi l at. com>
i bm-mqseri es2	1881/tcp	IBM WebSphere MQ Everypl ace

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ibm-mqseries2	1881/udp	IBM WebSphere MQ Everywhere
#		Jane Porter <janeporter@uk.ibm.com>
ecsqdmn	1882/tcp	ecsqdmn
ecsqdmn	1882/udp	ecsqdmn
#		Paul Wiessler <Paul.Wiessler@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
#		Sugh Jami <jami@eeecs.umiich.edu>
vrtstrapserver	1885/tcp	Veritas Trap Server
vrtstrapserver	1885/udp	Veritas Trap Server
#		Russell Thrasher <rthrashe@veritas.com>
leoiip	1886/tcp	Leonardo over IP
leoiip	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 Golan <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

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#		Peter Schoenberger <ps@tel.es.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@i-server.starlight.com>
rhp-iibp	1912/tcp	rhp-iibp
rhp-iibp	1912/udp	rhp-iibp
#		George Nachman
#		Tom Lake <tlake@m-ware.com>
armadp	1913/tcp	armadp
armadp	1913/udp	armadp
#		Kevin Welton <Kevin.Welton@armltd.co.uk>
elm-momentum	1914/tcp	Elm-Momentum
elm-momentum	1914/udp	Elm-Momentum
#		Willie Wu <willie@mds.com>
facelink	1915/tcp	FACELINK
facelink	1915/udp	FACELINK
#		J. H. Hermans <j.h.hermans@hiscom.nl>
persona	1916/tcp	Persoft Persona
persona	1916/udp	Persoft Persona
#		Tom Spidell <spidell@persoft.com>
noagent	1917/tcp	nOAgent
noagent	1917/udp	nOAgent
#		Martin Bestmann <martin@datawatch.de>
can-nds	1918/tcp	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>
vide-te-cipc	1927/tcp	Videte CIPC Port
vide-te-cipc	1927/udp	Videte CIPC Port
#		Videte IT <info@vide-te.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 <mww@warwick.net>
ctt-broker	1932/tcp	CTT Broker
ctt-broker	1932/udp	CTT Broker
#		Jens Edlund <edlund@speech.kth.se>

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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>
macromedia-fcs	1935/tcp	Macromedia Flash Communications Server MX
macromedia-fcs	1935/udp	Macromedia Flash Communications server MX
#		Priatham Shetty <priatham@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@diagroep.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 Deblier <bob@virtualunlimited.com>
close-combat	1944/tcp	close-combat
close-combat	1944/udp	close-combat
#		David Hua <davhua@microsoft.com>
dialogic-elm	1945/tcp	dialogic-elm
dialogic-elm	1945/udp	dialogic-elm
#		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-lmsserver	1951/tcp	bcs-lmsserver
bcs-lmsserver	1951/udp	bcs-lmsserver
#		Andy Warner <andyw@knoware.nl>
mpnjsc	1952/tcp	mpnjsc
mpnjsc	1952/udp	mpnjsc
#		Takenori Miyahara <miyahara@pfu.co.jp>
rapiibase	1953/tcp	Rapid Base
rapiibase	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>
vertl-vmf-ds	1956/tcp	Vertel VMF DS
vertl-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 <erski@sourceworks.com>
dxadmin	1958/tcp	CA Administration Daemon
dxadmin	1958/udp	CA Administration Daemon
#		John Birrell <bjrj099@cai.com>
simp-all	1959/tcp	SIMP Channel
simp-all	1959/udp	SIMP Channel
#		Tim Hunnewell <thunnewell@pina.com>
nasmanager	1960/tcp	Merit DAC NASmanager
nasmanager	1960/udp	Merit DAC NASmanager

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#                               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>
webmachine    1963/tcp        WebMachine
webmachine    1963/udp        WebMachine
#                               Tim Jowers <Tim.Jowers@ColumbiaSC.NCR.com>
solid-engine  1964/tcp        SOLID ENGINE
solid-engine  1964/udp        SOLID 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 <dami en@i bs. com. au>
sns-quote     1967/tcp        SNS Quote
sns-quote     1967/udp        SNS Quote
#                               Robert Ellman <rel lman@cal i cotech. com>
lipinc        1968/tcp        LI P Si nc
lipinc        1968/udp        LI P Si nc
lipinc1       1969/tcp        LI P Si nc 1
lipinc1       1969/udp        LI P Si nc 1
#                               Robert Armitngton <rarmi ngton@l i psi nc. 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>
dlcrap        1973/tcp        Data Link Swi tchi ng Remote Access Protocol
dlcrap        1973/udp        Data Link Swi tchi ng Remote Access Protocol
#                               Steve T. Chiang <schi ang@ci sco. com>
drp           1974/tcp        DRP
drp           1974/udp        DRP
#                               Richard Alan Johnson <raj @ci sco. 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 <al l anp@tcosoft. com>
unysql        1978/tcp        Uni SQL
unysql        1978/udp        Uni SQL
unysql-java   1979/tcp        Uni SQL Java
unysql-java   1979/udp        Uni SQL Java
#                               Keith Yarbrough <kyarbro@wi ndtravel l er. com>
pearldoc-xact 1980/tcp        Pearl Doc XACT
pearldoc-xact 1980/udp        Pearl Doc XACT
#                               Chris Vertonghen <chri sv@pearl doc. com>
p2pq          1981/tcp        p2pQ
p2pq          1981/udp        p2pQ
#                               Warren Alexander <warren@chamel eon-creati ve. co. uk>
estamp        1982/tcp        Evi denti ary Ti mestamp
estamp        1982/udp        Evi denti ary Ti mestamp
#                               Todd Glassey <todd. gl assey@att. net>
lhttp        1983/tcp        Loophole Test Protocol
lhttp        1983/udp        Loophole Test Protocol
#                               Kade Hansson <kade_ fh@postoffi ce. utas. edu. au>
bb           1984/tcp        BB
bb           1984/udp        BB
#                               Sean MacGui re <sean@macl awran. ca>
hsrp         1985/tcp        Hot Standby Router Protocol
hsrp         1985/udp        Hot Standby Router Protocol
#                               Phil Morton <pmorton@ci sco. com>
licensedaemon 1986/tcp        ci sco Li cense management
licensedaemon 1986/udp        ci sco Li cense management
tr-rsrb-p1    1987/tcp        ci sco RSRB Pri ori ty 1 port
tr-rsrb-p1    1987/udp        ci sco RSRB Pri ori ty 1 port
tr-rsrb-p2    1988/tcp        ci sco RSRB Pri ori ty 2 port

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tr-rsrb-p2      1988/udp  ci sco RSRB Pri ori ty 2 port
tr-rsrb-p3      1989/tcp  ci sco RSRB Pri ori ty 3 port
tr-rsrb-p3      1989/udp  ci sco RSRB Pri ori ty 3 port
# The followi ng entry records an unassigne d but wi despread use
mshnet          1989/tcp  MHSnet system
mshnet          1989/udp  MHSnet system
#
stun-p1         1990/tcp  ci sco STUN Pri ori ty 1 port
stun-p1         1990/udp  ci sco STUN Pri ori ty 1 port
stun-p2         1991/tcp  ci sco STUN Pri ori ty 2 port
stun-p2         1991/udp  ci sco STUN Pri ori ty 2 port
stun-p3         1992/tcp  ci sco STUN Pri ori ty 3 port
stun-p3         1992/udp  ci sco STUN Pri ori ty 3 port
# The fol lowi ng entry records an unassigne d but wi despread use
ipsendmsg       1992/tcp  IPsendmsg
ipsendmsg       1992/udp  IPsendmsg
#
snmp-tcp-port   1993/tcp  ci sco SNMP TCP port
snmp-tcp-port   1993/udp  ci sco SNMP TCP port
stun-port       1994/tcp  ci sco serial tunnel port
stun-port       1994/udp  ci sco serial tunnel port
perf-port       1995/tcp  ci sco perf port
perf-port       1995/udp  ci sco perf port
tr-rsrb-port    1996/tcp  ci sco Remote SRB port
tr-rsrb-port    1996/udp  ci sco Remote SRB port
gdp-port        1997/tcp  ci sco Gateway Di scovery Protocol
gdp-port        1997/udp  ci sco Gateway Di scovery Protocol
x25-svc-port    1998/tcp  ci sco X. 25 servi ce (XOT)
x25-svc-port    1998/udp  ci sco X. 25 servi ce (XOT)
tcp-i d-port    1999/tcp  ci sco i denti fi cati on port
tcp-i d-port    1999/udp  ci sco i denti fi cati on port
#
ci sco-sccp     2000/tcp  Ci sco SCCP
ci sco-sccp     2000/udp  Ci sco SCCP
#
dc              2001/tcp
wizard          2001/udp  curry
globe           2002/tcp
globe           2002/udp
mail box        2004/tcp
emce            2004/udp  CCWS mm conf
berknet         2005/tcp
oracle          2005/udp
invokator       2006/tcp
raid-cd         2006/udp  raid
dectalk         2007/tcp
raid-am         2007/udp
conf            2008/tcp
terminal db     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
bootcli ent     2017/udp
terminal db     2018/tcp
rell pack       2018/udp
whosockami      2019/tcp
about           2019/udp
xinupageserver  2020/tcp
xinupageserver  2020/udp
servexec        2021/tcp
xinuexpansi on1 2021/udp
down            2022/tcp

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xi nuexpansi on2	2022/udp	
xi nuexpansi on3	2023/tcp	
xi nuexpansi on3	2023/udp	
xi nuexpansi on4	2024/tcp	
xi nuexpansi on4	2024/udp	
el l pack	2025/tcp	
xri bs	2025/udp	
scrabbl e	2026/tcp	
scrabbl e	2026/udp	
shadowserver	2027/tcp	
shadowserver	2027/udp	
submi tserver	2028/tcp	
submi tserver	2028/udp	
#	2029	Unassi gned
devi ce2	2030/tcp	
devi ce2	2030/udp	
#	2031	Unassi gned
bl ackboard	2032/tcp	
bl ackboard	2032/udp	
gl ogger	2033/tcp	
gl ogger	2033/udp	
scoremgr	2034/tcp	
scoremgr	2034/udp	
i msl doc	2035/tcp	
i msl doc	2035/udp	
#	2036	Unassi gned
p2pl us	2037/tcp	P2pl us Appli cation Server
p2pl us	2037/udp	P2pl us Appli cation Server
#		Thomas Boerkel <tb@ap-ag.com>
obj ectmanager	2038/tcp	
obj ectmanager	2038/udp	
#	2039	Unassi gned
l am	2040/tcp	
l am	2040/udp	
i nterbase	2041/tcp	
i nterbase	2041/udp	
i si s	2042/tcp	i si s
i si s	2042/udp	i si s
i si s-bcast	2043/tcp	i si s-bcast
i si s-bcast	2043/udp	i si s-bcast
#		Ken Chapman <kchapman@i si s.com>
ri msl	2044/tcp	
ri msl	2044/udp	
cdfunc	2045/tcp	
cdfunc	2045/udp	
sdfunc	2046/tcp	
sdfunc	2046/udp	
dl s	2047/tcp	
dl s	2047/udp	
dl s-moni tor	2048/tcp	
dl s-moni tor	2048/udp	
#		<== NOTE Confl ict on 2049 !
shi lp	2049/tcp	
shi lp	2049/udp	
nfs	2049/tcp	Network File System - Sun Mi crosystems
nfs	2049/udp	Network File System - Sun Mi crosystems
#		Brent Call aghan <brent@terra.eng.sun.com>
av-emb-confi g	2050/tcp	Avaya EMB Confi g Port
av-emb-confi g	2050/udp	Avaya EMB Confi g Port
#		John Yeager <j ohnyeager@avaya.com>
epnsdp	2051/tcp	EPNSDP
epnsdp	2051/udp	EPNSDP
#		Hi royasu Ogata <Ogata.Hi royasu@exc.epson.co.jp>
cl earvi sn	2052/tcp	cl earVi sn Servi ces Port
cl earvi sn	2052/udp	cl earVi sn Servi ces Port
#		Dave Lyons <dl yons@dnpg.com>
l ot105-ds-upd	2053/tcp	Lot105 DSuper Updates
l ot105-ds-upd	2053/udp	Lot105 DSuper Updates
#		Pi ers Scannell <i ana-form@l ot105.com>
webl ogi n	2054/tcp	Webl ogi n Port
webl ogi n	2054/udp	Webl ogi n Port
#		Di ego Saravi a <dsa@unsa.edu.ar>
i op	2055/tcp	I l i ad-Odysey Protocol
i op	2055/udp	I l i ad-Odysey Protocol
#		Bruce Lueckenhoff <brucel u@ci sco.com>
omni sky	2056/tcp	Omni Sky Port

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omni sky	2056/udp	Omni Sky Port
#		Oren Hurvi tz <oren@omni sky. com>
ri ch-cp	2057/tcp	Ri ch Content Protocol
ri ch-cp	2057/udp	Ri ch Content Protocol
#		Ronen Vai ni sh <ronen@di gi tal fountai n. com>
newwavesearch	2058/tcp	NewWaveSearchabl es RMI
newwavesearch	2058/udp	NewWaveSearchabl es RMI
#		Thomas Kerkau <Thomas. Kerkau@i o-softwa re. com>
bmc-messagi ng	2059/tcp	BMC Messagi ng Servi ce
bmc-messagi ng	2059/udp	BMC Messagi ng Servi ce
#		Roger Huebner <Roger_Huebner@bmc. com>
tel eni umdaemon	2060/tcp	Tel eni um Daemon I F
tel eni umdaemon	2060/udp	Tel eni um Daemon I F
#		Ni ck Woronuk <ni ck. woronuk@megasys. com>
netmount	2061/tcp	NetMount
netmount	2061/udp	NetMount
#		Alex Oberl ander <al exo@netmount. com>
i cg-swp	2062/tcp	ICG SWP Port
i cg-swp	2062/udp	ICG SWP Port
i cg-bridge	2063/tcp	ICG Bridge Port
i cg-bridge	2063/udp	ICG Bridge Port
i cg-i prelay	2064/tcp	ICG IP Relay Port
i cg-i prelay	2064/udp	ICG IP Relay Port
#		Steve Qui ntana <steve@i cgresearch. com>
dl srpn	2065/tcp	Data Link Swi tch Read Port Number
dl srpn	2065/udp	Data Link Swi tch Read Port Number
#		Amir Peless <ami rp@radwa re. co. il >
#	2066	Unassi gned
dl swpn	2067/tcp	Data Link Swi tch Write Port Number
dl swpn	2067/udp	Data Link Swi tch Write Port Number
#		Amir Peless <ami rp@radwa re. co. il >
avauthsrvprtcl	2068/tcp	Avocent AuthSrv Protocol
avauthsrvprtcl	2068/udp	Avocent AuthSrv Protocol
#		Steven W. Cl ark <scl ark@equi nox. com>
event-port	2069/tcp	HTTP Event Port
event-port	2069/udp	HTTP Event Port
#		Larry Eml ich <larry. eml ich@compaq. com>
ah-esp-encap	2070/tcp	AH and ESP Encapsul ated in UDP packet
ah-esp-encap	2070/udp	AH and ESP Encapsul ated in UDP packet
#		Amy Weaver <aweaver@vpnet. com>
acp-port	2071/tcp	Axon Control Protocol
acp-port	2071/udp	Axon Control Protocol
#		Chri sti aan Si mons <chri sti aan. si mons@axon. nl >
msync	2072/tcp	Gl obeCast mSync
msync	2072/udp	Gl obeCast mSync
#		Pi ers Scannell <pi ers@gl obecastne. 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
#		Al an Akahoshi <al an-akahoshi @vertel . com>
newl i xengi ne	2075/tcp	Newl ix ServerWare Engi ne
newl i xengi ne	2075/udp	Newl ix ServerWare Engi ne
newl i xconfi g	2076/tcp	Newl ix JSPConf i g
newl i xconfi g	2076/udp	Newl ix JSPConf i g
#		Jean-Serge Gagnon <j ean-serge. gagnon@newl i x. com>
trell i sagt	2077/tcp	Trell i Soft Agent
trell i sagt	2077/udp	Trell i Soft Agent
trell i ssvr	2078/tcp	Trell i Soft Server
trell i ssvr	2078/udp	Trell i Soft Server
#		Justi n R. Bendi ch <bendi ch@Trell i Soft. com>
i dware-router	2079/tcp	IDWARE Router Port
i dware-router	2079/udp	IDWARE Router Port
#		Zdenek Kol ba <zdenek. kol ba@i d-karta. cz>
autodesk-nl m	2080/tcp	Autodesk NLM (FLEXI m)
autodesk-nl m	2080/udp	Autodesk NLM (FLEXI m)
#		Greg Suppes <greg. suppes@autodesk. com>
kme-trap-port	2081/tcp	KME PRI NTER TRAP PORT
kme-trap-port	2081/udp	KME PRI NTER TRAP PORT
#		Masakatsu Matsuo <masa@sdsft. kme. mei . co. j p>
i nfowave	2082/tcp	Infowave Mobi l i ty Server
i nfowave	2082/udp	Infowave Mobi l i ty Server
#		Kaz Kyl heku <kkyl heku@i nfowave. com>
#	2083-2085	Unassi gned
gnunet	2086/tcp	GNUnet

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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 Wiernoch <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 Chiari to <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	Mini Pay
minipay	2105/udp	Mini Pay
#		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-metanet	2112/tcp	IdoniX MetaNet
idoniX-metanet	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>

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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@sention.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	GSI GATEKEEPER
gsigatekeeper	2119/udp	GSI GATEKEEPER
#		Steve Tuecke <tuecke@mcs.anl.gov>
qencp	2120/tcp	Quick Eagle Networks CP
qencp	2120/udp	Quick Eagle Networks CP
#		Santa Dasu <Santa_Dasu@quick eagle.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 <passi.nuutimaki@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@cableabs.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
#		Steve Tuecke <tuecke@mcs.anl.gov>
appworxsrvc	2136/tcp	APPWORXSRV
appworxsrvc	2136/udp	APPWORXSRV
#		Fred McLain <fmclain@appworx.com>
connect	2137/tcp	CONNECT
connect	2137/udp	CONNECT
#		Reid Ligon <reid@connectrf.com>
unbind-cluster	2138/tcp	UNBIND-CLUSTER
unbind-cluster	2138/udp	UNBIND-CLUSTER
#		Francois Harvey <securiweb@pandore.qc.ca>
ias-auth	2139/tcp	IAS-AUTH
ias-auth	2139/udp	IAS-AUTH

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ias-reg      2140/tcp  IAS-REG
ias-reg      2140/udp  IAS-REG
ias-admin    2141/tcp  IAS-ADMIN
ias-admin    2141/udp  IAS-ADMIN
#           Baiju V. Patel <Baiju.v.patel@intel.com>
tdm-over-ip  2142/tcp  TDM-OVER-IP
tdm-over-ip  2142/udp  TDM-OVER-IP
#           Tal Gilad <tal_g@rad.co.il>
lv-jc       2143/tcp  Live Vault Job Control
lv-jc       2143/udp  Live Vault Job Control
lv-ffx      2144/tcp  Live Vault Fast Object Transfer
lv-ffx      2144/udp  Live Vault Fast Object Transfer
lv-pici     2145/tcp  Live Vault Remote Diagnostic Console Support
lv-pici     2145/udp  Live Vault Remote Diagnostic Console Support
lv-not      2146/tcp  Live Vault Admin Event Notification
lv-not      2146/udp  Live Vault Admin Event Notification
lv-auth     2147/tcp  Live Vault Authentication
lv-auth     2147/udp  Live Vault Authentication
#           Ted Hess <thess@livevault.com>
veritas-ucl  2148/tcp  VERITAS UNIVERSAL COMMUNICATION LAYER
veritas-ucl  2148/udp  VERITAS UNIVERSAL COMMUNICATION LAYER
#           Songlin Ren <ren@veritas.com>
acptsys     2149/tcp  ACPTSYS
acptsys     2149/udp  ACPTSYS
#           Michael Lekias <admin@psdesign.com.au>
dynamic3d   2150/tcp  DYNAMIC3D
dynamic3d   2150/udp  DYNAMIC3D
#           Tobias Wegner <wegner@novagate.de>
docent      2151/tcp  DOCENT
docent      2151/udp  DOCENT
#           Hal Lindblom <halil@docent.com>
gtp-user    2152/tcp  GTP-User Plane (3GPP)
gtp-user    2152/udp  GTP-User Plane (3GPP)
#           Alessio Casati <a.casati@computer.org>
#           Unassigned
gdbremote   2159/tcp  GDB Remote Debug Port
gdbremote   2159/udp  GDB Remote Debug Port
#           Nigel Stephens <nigel@algor.co.uk>
apc-2160    2160/tcp  APC 2160
apc-2160    2160/udp  APC 2160
#           American Power Conversion <ports@apcc.com>
apc-2161    2161/tcp  APC 2161
apc-2161    2161/udp  APC 2161
#           American Power Conversion <ports@apcc.com>
navisphere  2162/tcp  Navisphere
navisphere  2162/udp  Navisphere
navisphere-sec 2163/tcp  Navisphere Secure
navisphere-sec 2163/udp  Navisphere Secure
#           Andreas Bauer <bauer_andreas@emc.com>
ddns-v3     2164/tcp  Dynamic DNS Version 3
ddns-v3     2164/udp  Dynamic DNS Version 3
#           Alan Yates <alany@ay.com.au>
x-bone-api  2165/tcp  X-Bone API
x-bone-api  2165/udp  X-Bone API
#           Joe Touch <touch@isi.edu>
iwsrv       2166/tcp  iwsrv
iwsrv       2166/udp  iwsrv
#           Fred Surr <quest_iana@oz.quest.com>
raw-serial  2167/tcp  Raw Async Serial Link
raw-serial  2167/udp  Raw Async Serial Link
#           Benjamin Green <ben@lh.co.nz>
#           Unassigned
mc-gt-srv   2180/tcp  Millicent Vendor Gateway Server
mc-gt-srv   2180/udp  Millicent Vendor Gateway Server
#           Steve Glassman <steveg@pa.dec.com>
eforward    2181/tcp  eforward
eforward    2181/udp  eforward
#           Greg Pringle <admin@corveda.com>
#           Unassigned
tivoconnect 2190/tcp  TiVoConnect Beacon
tivoconnect 2190/udp  TiVoConnect Beacon
#           Jeffrey J. Peters <jpeters@tivo.com> August 2002
tvbus       2191/tcp  TvBus Messaging
tvbus       2191/udp  TvBus Messaging
#           Brian W. Beach <brian@tivo.com> January 2003
#           Unassigned
2192-2199  Unassigned

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ici	2200/tcp	ICI
ici	2200/udp	ICI
#		Brent Hines <brent.hines@unisys.com>
ats	2201/tcp	Advanced Training System Program
ats	2201/udp	Advanced Training System Program
#		(Need contact info)
imtc-map	2202/tcp	Int. Multimedia Teleconferencing Consortium
imtc-map	2202/udp	Int. Multimedia Teleconferencing Consortium
#		Pat Galvin <pgalvin@database.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 <sbenoit01@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>
magi.com	2243/tcp	Magi.com Protocol
magi.com	2243/udp	Magi.com Protocol
#		Yossi Applbaum <yossia@magi.com.co.il>
nmserver	2244/tcp	NMS Server
nmserver	2244/udp	NMS Server
#		Dmitry Krasnonosenki
#		<Dmitry_Krasnonosenki@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@cableabs.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>
diff-port	2251/tcp	Distributed Framework Port
diff-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 <schmidt@de.ibm.com>
dtv-chan-req	2253/tcp	DTV Channel Request
dtv-chan-req	2253/udp	DTV Channel Request
#		Richard Hodges <rh@matriplex.com>
seispoc	2254/tcp	Seismic P.O.C. Port
seispoc	2254/udp	Seismic P.O.C. Port
#		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-2260	2260/tcp	APC 2260
apc-2260	2260/udp	APC 2260
#		American Power Conversion <ports@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	LNVCNDSOLE
lnvconsole	2281/udp	LNVCNDSOLE
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 <jh@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.mai.l.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-telemmute	2299/tcp	PC Telemmute
pc-telemmute	2299/udp	PC Telemmute
#		John Daniel Bonamico <jbonamico@symantec.com>
cvmmmon	2300/tcp	CVMMON
cvmmmon	2300/udp	CVMMON
#		Roger Kumpf <kumpf@cup.hp.com>
cpq-wbem	2301/tcp	Compaq HTTP
cpq-wbem	2301/udp	Compaq HTTP
#		Scott Shaffer <scott.shaffer@hp.com>
binderysupport	2302/tcp	Bindery Support

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binderysupport	2302/udp	Bindery Support
#		Narasimha Rao N. <nnarasimharao@novell.com>
proxy-gateway	2303/tcp	Proxy Gateway
proxy-gateway	2303/udp	Proxy Gateway
#		Paul Funk <paul@funk.com>
attachmate-uts	2304/tcp	Attachmate UTS
attachmate-uts	2304/udp	Attachmate UTS
#		George Gianelos <Georgegi@Attachmate.com>
mt-scalserver	2305/tcp	MT ScaleServer
mt-scalserver	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@alliantechincal.com>
pehel p	2307/tcp	pehel p
pehel p	2307/udp	pehel p
#		Jens Kilian <jenski@hpbeo82.bbn.hp.com>
sdhel p	2308/tcp	sdhel p
sdhel p	2308/udp	sdhel p
#		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
#		Jeurgien 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
#		Pi sharath 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 Chi otasso <cchi otasso@infolibria.com>
siebel -ns	2320/tcp	Siebel NS
siebel -ns	2320/udp	Siebel NS
#		Gilberto Arnai z <garnai z@siebel .com>
rdlap	2321/tcp	RDLAP
rdlap	2321/udp	RDLAP
#		Robert Wi ebe <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 Sherri ll <sherri ll@commvault .com>
cosmocal l	2324/tcp	Cosmocal l
cosmocal l	2324/udp	Cosmocal l
#		Steve Dell utri
designspace-lm	2325/tcp	Design Space License Management
designspace-lm	2325/udp	Design Space License Management
#		Suzanne Lorri n <suzanne.lorri n@ansys.com>
idcp	2326/tcp	IDCP
idcp	2326/udp	IDCP
#		Kei sokugi ken Corp. <adda@kgc.co.jp>
xi ngcsm	2327/tcp	xi ngcsm
xi ngcsm	2327/udp	xi ngcsm
#		Dave Spencer <dspencer@xi ngtech.com>
netrix-sftm	2328/tcp	Netrix SFTM
netrix-sftm	2328/udp	Netrix SFTM
#		Garrett Herschl eb <garrett@netrix.com>
nvd	2329/tcp	NVD

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nvd	2329/udp	NVD	
#		Peter Weyman	<pjweyman@nobl enet. com>
tscchat	2330/tcp	TSCCHAT	
tscchat	2330/udp	TSCCHAT	
#		Mike Jackson	<mhjack@tscnet. com>
agentvie w	2331/tcp	AGENTVI EW	
agentvie w	2331/udp	AGENTVI EW	
#		Ram Iyer	<ram@aaccorp. com>
rcc-host	2332/tcp	RCC Host	
rcc-host	2332/udp	RCC Host	
#		Martin Shoemaker	<shoemakerml@rapi stan. com>
snapp	2333/tcp	SNAPP	
snapp	2333/udp	SNAPP	
#		Kevin Osborn	<kosborn@snapappl iance. 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 Zol fonoon	<rzol fonoon@securi tydynami cs. com>
appl eugcontrol	2336/tcp	Appl e UG Control	
appl eugcontrol	2336/udp	Appl e UG Control	
#		Gene Tyacke	<gene@appl e. com>
i deesrv	2337/tcp	i deesrv	
i deesrv	2337/udp	i deesrv	
#		Marazzi	<fmarazzi@i deeti que. com>
norton-lambert	2338/tcp	Norton Lambert	
norton-lambert	2338/udp	Norton Lambert	
#		Richard de Mornay	<rdemornay@norton-lambert. com>
3com-webvie w	2339/tcp	3Com WebVi ew	
3com-webvie w	2339/udp	3Com WebVi ew	
#		Jenni fer Grace	<Jenni fer_Grace@3com. com>
wrs_regi stry	2340/tcp	WRS Regi stry	
wrs_regi stry	2340/udp	WRS Regi stry	
#		Christophe Cl eraux	<chri sc@wrs. com>
xi ostatus	2341/tcp	XIO Status	
xi ostatus	2341/udp	XIO Status	
#		Randy Maas	<randym@xi otech. com>
manage-exec	2342/tcp	Seagate Manage Exec	
manage-exec	2342/udp	Seagate Manage Exec	
#		Jim Fl aherty	<jim. fl aherty@seagatesoftware. com>
nati -l ogos	2343/tcp	nati l ogos	
nati -l ogos	2343/udp	nati l ogos	
#		Anthony Roach	<anthony. roach@ni . com>
fcmsys	2344/tcp	fcmsys	
fcmsys	2344/udp	fcmsys	
dbm	2345/tcp	dbm	
dbm	2345/udp	dbm	
#		Dean Robson	<dean. robson@fuj i tsu. com. au>
redstorm_joi n	2346/tcp	Game Connecti on Port	
redstorm_joi n	2346/udp	Game Connecti on Port	
redstorm_fi nd	2347/tcp	Game Announcement and Locati on	
redstorm_fi nd	2347/udp	Game Announcement and Locati on	
redstorm_i nfo	2348/tcp	Information to query for game status	
redstorm_i nfo	2348/udp	Information to query for game status	
redstorm_di ag	2349/tcp	Di agnosti cs Port	
redstorm_di ag	2349/udp	Di agnosti cs Port	
#		Davi d Wei nstei n	<davi d. wei nstei n@redstorm. com>
psbserver	2350/tcp	psbserver	
psbserver	2350/udp	psbserver	
psrserver	2351/tcp	psrserver	
psrserver	2351/udp	psrserver	
psl server	2352/tcp	psl server	
psl server	2352/udp	psl server	
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>
gxtel md	2356/tcp	GXT Li cense Managemant	
gxtel md	2356/udp	GXT Li cense Managemant	
#		Robert Hodgson	<rrh@gxt. com>
uni hub-server	2357/tcp	Uni Hub Server	
uni hub-server	2357/udp	Uni Hub Server	
#		Tim Kenyon	<Ti m_Kenyon@csi control s. com>

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futri x	2358/tcp	Futri x
futri x	2358/udp	Futri x
#		Peter Frankenberg <pcfberg@i bm. net>
flukeserver	2359/tcp	FlukeServer
flukeserver	2359/udp	FlukeServer
#		Bill Marbaker <wrm@fortenet. com>
nexstori ndl td	2360/tcp	NexstorIndLtd
nexstori ndl td	2360/udp	NexstorIndLtd
#		NexStor India Limited <next@nda. vsnl. net. in>
tl1	2361/tcp	TL1
tl1	2361/udp	TL1
#		Charles Scott Roberson <chi p@cerent. com>
di gi man	2362/tcp	di gi man
di gi man	2362/udp	di gi man
#		Aaron S. Kurl and <akurl and@netsi li con. com>
medi acntrl nfsd	2363/tcp	Media Central NFSD
medi acntrl nfsd	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. <oi 2000@shorizons. com>
dbref	2365/tcp	dbref
dbref	2365/udp	dbref
#		Yoshihiro Yamazaki <yamazaki @ael. fujitsu. co. jp>
qi p-l ogi n	2366/tcp	qi p-l ogi n
qi p-l ogi n	2366/udp	qi p-l ogi n
#		Mike Morgan <mmorgan@lucent. com>
servi ce-ctrl	2367/tcp	Service Control
servi ce-ctrl	2367/udp	Service Control
#		Humberto Sanchez <Humberto_Sanchez@hp. com>
opentabl e	2368/tcp	OpenTable
opentabl e	2368/udp	OpenTable
#		Brett Goldstein <bgol dstei n@opentabl e. com>
acs2000-dsp	2369/tcp	ACS2000 DSP
acs2000-dsp	2369/udp	ACS2000 DSP
#		Jeffrey Beauchamp <j effrey. beauchamp@acs2000. net>
l3-hbmon	2370/tcp	L3-HBMon
l3-hbmon	2370/udp	L3-HBMon
#		Dolores Scott <Dol ores. Scott@L-3securi ty. com>
#### Port 2370	Unofficially	used by Compaq ####
worl dWi re	2371/tcp	Compaq WorldWi re Port
worl dWi re	2371/udp	Compaq WorldWi re Port
#		Michael Spratte <mi chael. spratte@compaq. com>
#	2372-2380	Unassigned
compaq-https	2381/tcp	Compaq HTTPS
compaq-https	2381/udp	Compaq HTTPS
#		Scott Shaffer <scott. shaffer@hp. com>
ms-ol ap3	2382/tcp	Microsoft OLAP
ms-ol ap3	2382/udp	Microsoft OLAP
ms-ol ap4	2383/tcp	Microsoft OLAP
ms-ol ap4	2383/udp	Microsoft OLAP
#		Mosha Pasumansky <moshap@mi crossoft. com>
sd-request	2384/tcp	SD-REQUEST
sd-capaci ty	2384/udp	SD-CAPACI TY
#		Jason McManus <j asonm@sl eepdep. net>
sd-data	2385/tcp	SD-DATA
sd-data	2385/udp	SD-DATA
#		Jason McManus <j asonm@sl eepdep. net>
vi rtual tape	2386/tcp	Virtual Tape
vi rtual tape	2386/udp	Virtual Tape
vsamredi rector	2387/tcp	VSAM Redirector
vsamredi rector	2387/udp	VSAM Redirector
#		Ingo Franzki <i franzki @de. i bm. com>
mynahautostart	2388/tcp	MYNAH AutoStart
mynahautostart	2388/udp	MYNAH AutoStart
#		Thomas J. Klehr <tkl ehr@tel cordi a. com>
ovsessi onmgr	2389/tcp	OpenVi ew Sessi on Mgr
ovsessi onmgr	2389/udp	OpenVi ew Sessi on Mgr
#		Eric Pulsipher <eri c_pul si pher@hp. com>
rsmt p	2390/tcp	RSMT P
rsmt p	2390/udp	RSMT P
#		Geoff Collyer <geoff@research. bel l -l abs. com>
3com-net-mgmt	2391/tcp	3COM Net Management
3com-net-mgmt	2391/udp	3COM Net Management
#		Prathibha Nagvar
tacti cal auth	2392/tcp	Tactical Auth

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tactical auth	2392/udp	Tactical Auth
#		David Yon <yon@tactical-sw.com>
ms-ol ap1	2393/tcp	MS OLAP 1
ms-ol ap1	2393/udp	MS OLAP 1
ms-ol ap2	2394/tcp	MS OLAP 2
ms-ol ap2	2394/udp	MS OLAP 2
#		Mosha Pasumansky <moshap@microsoft.com>
lan900_remote	2395/tcp	LAN900 Remote
lan900_remote	2395/udp	LAN900 Remote
#		Tom Qui nlan <tqui nlan@di gi techi nc.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@cal listo.com>
fmprow-fdal	2399/tcp	FileMaker, Inc. - Data Access Layer
fmprow-fdal	2399/udp	FileMaker, Inc. - Data Access Layer
#		Clay Maeckal <clay_maeckel@filemaker.com>
opequus-server	2400/tcp	OpEquus Server
opequus-server	2400/udp	OpEquus Server
#		Gavin Hutchin son <gavi nh@tesl.com>
cvspserver	2401/tcp	cvspserver
cvspserver	2401/udp	cvspserver
#		Jim Kingdon <kingdon@harvey.cycl ic.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 Odj aghi an <edo@datacap.com>
iec-104	2404/tcp	IEC 60870-5-104 process control over IP
iec-104	2404/udp	IEC 60870-5-104 process control over IP
#		Walter K. Eichelburg <walter.eichelburg@sat-automati on.com>
trc-netpoll	2405/tcp	TRC Netpoll
trc-netpoll	2405/udp	TRC Netpoll
#		Bi zhan Ghavami <ghavami@tel cores.com>
jedi server	2406/tcp	Jedi Server
jedi server	2406/udp	Jedi Server
#		Paul McEntire <paul.mcentire@col umbi asc.ncr.com>
orion	2407/tcp	Ori on
orion	2407/udp	Ori on
#		Matthew Horoschun <mhoroschun@canpri nt.com.au>
optinet	2408/tcp	Opti maNet
optinet	2408/udp	Opti maNet
#		John Graham-Cummi ng <jgc@opti mal.com>
sns-protocol	2409/tcp	SNS Protocol
sns-protocol	2409/udp	SNS Protocol
#		Ami r Blich <ami r@netmanage.co.il>
vrts-regi stry	2410/tcp	VRTS Regi stry
vrts-regi stry	2410/udp	VRTS Regi stry
#		Pranay Varma <pran@veri tas.com>
netwave-ap-mgmt	2411/tcp	Netwave AP Management
netwave-ap-mgmt	2411/udp	Netwave AP Management
#		Johnny Zweig <zweig@netwave-wi rel ess.com>
cdn	2412/tcp	CDN
cdn	2412/udp	CDN
#		Al an Noble <noble@netmi nd.com>
orion-rmi -reg	2413/tcp	ori on-rmi -reg
orion-rmi -reg	2413/udp	ori on-rmi -reg
#		J. S. Greenfi eld <greeny@us. i bm.com>
beeyond	2414/tcp	Beeyond
beeyond	2414/udp	Beeyond
#		Bob Debl ier <bob@vi rtual unli mi ted.com>
codi ma-rtp	2415/tcp	Codi ma Remote Transacti on Protocol
codi ma-rtp	2415/udp	Codi ma Remote Transacti on Protocol
#		Syl vi a Ross <sross@codi matech.com>
rmtserver	2416/tcp	RMT Server
rmtserver	2416/udp	RMT Server
#		Yvon Mari neau <yvon@si mware.com>
composi t-server	2417/tcp	Composi t Server
composi t-server	2417/udp	Composi t Server
#		Katsuaki Naoi <naoi@pfu.co.jp>
cas	2418/tcp	cas

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cas	2418/udp	cas
#		Aki yoshi Ochi <aki.yoshi@net.paso.fuji.tsu.co.jp>
attachmate-s2s	2419/tcp	Attachmate S2S
attachmate-s2s	2419/udp	Attachmate S2S
#		Chris Rominski <ChrisRom@attachmate.com>
dsl remote-mgmt	2420/tcp	DSL Remote Management
dsl remote-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@vaccmel1.telstra.com.au>
rnrp	2423/tcp	RNRP
rnrp	2423/udp	RNRP
#		Per Sahlqvist <psahlqvi@sw.sei.sy.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.fuji.tsu.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 Hui tema <hui tema@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@wi.respeed.com>
topx	2436/tcp	TOP/X
topx	2436/udp	TOP/X
#		Dragos Pop <dragos@cs.ubbcluj.ro>
uni control	2437/tcp	Uni Control
uni control	2437/udp	Uni Control
#		Ing. Markus Huemer <markus.huemer@hsd.at>
mSP	2438/tcp	MSP
mSP	2438/udp	MSP
#		Evan Caves <evan@acc.com>
sybasedbsynch	2439/tcp	SybaseDBSynch
sybasedbsynch	2439/udp	SybaseDBSynch
#		Dave Neudoerffer <Dave.Neudoerffer@i anywhere.com>
spearway	2440/tcp	Spearway Lockers
spearway	2440/udp	Spearway Lockers
#		Pierre Fri sch <Pierre.Fri sch@spearway.com>
pvsW-i net	2441/tcp	Pervasive I*net Data Server
pvsW-i net	2441/udp	Pervasive I*net Data Server
#		Chuck Talk <ctal k@pervasive.com>
netangel	2442/tcp	Netangel
netangel	2442/udp	Netangel
#		Ladislav Baranyay <identcod@identcode.sk>
powerclientcsf	2443/tcp	PowerClient Central Storage Facility
powerclientcsf	2443/udp	PowerClient Central Storage Facility
#		Brian Kl assen <Brian.Kl assen@Unisys.com>
btpP2sectrans	2444/tcp	BT PP2 Sectrans
btpP2sectrans	2444/udp	BT PP2 Sectrans
#		Ian Daniels <btexact.ports@bt.com>
dtn1	2445/tcp	DTN1

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dttn1	2445/udp	DTN1	
#		Bob Gaddie <bobg@dttn.com>	
bues_servi ce	2446/tcp	bues_servi ce	
bues_servi ce	2446/udp	bues_servi ce	
#		Leonhard Di ekmann	
#		<di ekmann@04.mstr02.tel ekom400.dbp.de>	
ovwdb	2447/tcp	OpenVi ew NNM daemon	
ovwdb	2447/udp	OpenVi ew NNM daemon	
#		Eri c Pul si pher <eri c_pul si pher@fc.hp.com>	
hpppsvr	2448/tcp	hpppsvr	
hpppsvr	2448/udp	hpppsvr	
#		Bri dgette Landers <bl anders@boi .hp.com>	
ratl	2449/tcp	RATL	
ratl	2449/udp	RATL	
#		Paul Greenfi el d <paul .greenfi el d@uni sys.com>	
netadmi n	2450/tcp	netadmi n	
netadmi n	2450/udp	netadmi n	
netchat	2451/tcp	netchat	
netchat	2451/udp	netchat	
#		Jul i an Mehl e <j ul i an@mehnl e.net>	
sni ffercl ient	2452/tcp	Sni fferCl ient	
sni ffercl ient	2452/udp	Sni fferCl ient	
#		Amy Weaver <amy_weaver@nai .com>	
madge-l td	2453/tcp	madge l td	
madge-l td	2453/udp	madge l td	
#		Mark Lyal l <mark.lyal l@madge.com>	
i ndx-dds	2454/tcp	I ndX-DDS	
i ndx-dds	2454/udp	I ndX-DDS	
#		Paul Carmi chael <paul carmi chael @i ndx.net>	
wago-i o-system	2455/tcp	WAGO-I O-SYSTEM	
wago-i o-system	2455/udp	WAGO-I O-SYSTEM	
#		Uwe Rathert <uwe.rathert@i eee.org>	
al tav-remmgt	2456/tcp	al tav-remmgt	
al tav-remmgt	2456/udp	al tav-remmgt	
#		Gary M. Al len <gal len@symantec.com>	
rapi do-i p	2457/tcp	Rapi do_I P	
rapi do-i p	2457/udp	Rapi do_I P	
#		Man Shuen Cheung <man_shuen_cheung@wamnet.co.uk>	
gri ffi n	2458/tcp	gri ffi n	
gri ffi n	2458/udp	gri ffi n	
#		Tom Tayl or <Tom.Tayl or@uni sys.com>	
communi ty	2459/tcp	Communi ty	
communi ty	2459/udp	Communi ty	
#		David Schwartz <davi ds@webmaster.com>	
ms-theater	2460/tcp	ms-theater	
ms-theater	2460/udp	ms-theater	
#		Anton Kucer <akucer@mi crosft.com>	
qadmi foper	2461/tcp	qadmi foper	
qadmi foper	2461/udp	qadmi foper	
qadmi fevent	2462/tcp	qadmi fevent	
qadmi fevent	2462/udp	qadmi fevent	
#		Pekka Takaranta <pekka.takaranta@tel labs.fi >	
sympi os-rai d	2463/tcp	Sympi os Rai d	
sympi os-rai d	2463/udp	Sympi os Rai d	
#		Bi l l Del aney <bi l l .del aney@sympi os.com>	
di recpc-si	2464/tcp	Di recPC SI	
di recpc-si	2464/udp	Di recPC SI	
#		Doug Di l l on <di l l on@hns.com>	
l bm	2465/tcp	Load Bal ance Management	
l bm	2465/udp	Load Bal ance Management	
l bf	2466/tcp	Load Bal ance Forwardi ng	
l bf	2466/udp	Load Bal ance Forwardi ng	
#		Kazuhi ro Koi de <kaz@pfu.co.jp>	
hi gh-cri teri a	2467/tcp	Hi gh Cri teri a	
hi gh-cri teri a	2467/udp	Hi gh Cri teri a	
#		Konstanti n I avi d <ki avi d@hi ghcricri teri a.com>	
qi p-msgd	2468/tcp	qi p_msgd	
qi p-msgd	2468/udp	qi p_msgd	
#		Mi ke Morgan <mmorgan@l ucent.com>	
mti -tcs-comm	2469/tcp	MTI -TCS-COMM	
mti -tcs-comm	2469/udp	MTI -TCS-COMM	
#		Mari o Boni n <boni nm@mi crottempus.com>	
taskman-port	2470/tcp	taskman port	
taskman-port	2470/udp	taskman port	
#		Bori s Pantel eev <bpantel eev@hi mel .com>	
seaodbc	2471/tcp	SeaODBC	

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seaodbc	2471/udp	SeaODBC
#		Adrian Hornby <Adrian.Hornby@aran.co.uk>
c3	2472/tcp	C3
c3	2472/udp	C3
#		Eckhard Grieger <e.grieger@com-on.de>
aker-cdp	2473/tcp	Aker-cdp
aker-cdp	2473/udp	Aker-cdp
#		Rodrigo Ormonde <ormonde@aker.com.br>
vital analysis	2474/tcp	Vital Analysis
vital analysis	2474/udp	Vital Analysis
#		Srinivas Reddy <sreddy@vitalisgns.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 Validation Service
ssm-cvs	2477/udp	SecurSight Certificate Validation 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 Li nn <jli nn@securi tydynamics.com>
lingwood	2480/tcp	Lingwood's Detail
lingwood	2480/udp	Lingwood's Detail
#		Dave Richmond <dri chmond@stri va.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
#		Aki yoshi Ochi <aki yoshi @net.paso.fuji tsu.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 Stable <jstable@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@dirg.de>
quaddb	2497/tcp	Quad DB
quaddb	2497/udp	Quad DB
#		Jeff Rosenthal <jrosenthal@quad-sys.com>
odn-castraq	2498/tcp	ODN-CasTraq
odn-castraq	2498/udp	ODN-CasTraq
#		Richard Hodges <rh@source.net>

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uni control	2499/tcp	Uni Control
uni control	2499/udp	Uni Control
#		Ing. Markus Huemer
rtsserv	2500/tcp	Resource Tracking system server
rtsserv	2500/udp	Resource Tracking system server
rtsclient	2501/tcp	Resource Tracking system client
rtsclient	2501/udp	Resource Tracking system client
#		Aubrey Turner
#		<S95525ta%etsuacad.bi tnet@ETSUADMN. ETSU. EDU>
kentrox-prot	2502/tcp	Kentrox Protocol
kentrox-prot	2502/udp	Kentrox Protocol
#		Anil Lakhwara <anil_lakhwara@kentrox.com>
nms-dpns	2503/tcp	NMS-DPNS
nms-dpns	2503/udp	NMS-DPNS
#		Jean-Christophe Desire
#		<Jean-Christophe_Desire@NMS-Europe.com>
wlbs	2504/tcp	WLBS
wlbs	2504/udp	WLBS
#		William Bain <wbain@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@inpri.se.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>
ci tri x i m a	2512/tcp	Ci tri x I M A
ci tri x i m a	2512/udp	Ci tri x I M A
ci tri x a d m i n	2513/tcp	Ci tri x A D M I N
ci tri x a d m i n	2513/udp	Ci tri x A D M I N
#		Myk Willis <myk.willis@ci tri x . 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 Sadi a <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 Ki mchi <gur.kimchi@vocaltec.com>
willy	2518/tcp	Willy
willy	2518/udp	Willy
#		Carl-Johan Wik <cjw@hudsmoar.com>
gl obmsgsvc	2519/tcp	gl obmsgsvc
gl obmsgsvc	2519/udp	gl obmsgsvc
#		David Wiltz <dwiltz@hf.intel.com>
pvs	2520/tcp	Pervasive Lister
pvs	2520/udp	Pervasive Lister
#		Chuck Talk <ctal k@pervasive.com>
adaptecmgr	2521/tcp	Adaptec Manager
adaptecmgr	2521/udp	Adaptec Manager
#		Mark Parenti <map@ntc.adaptec.com>
wi ndb	2522/tcp	Wi ndb
wi ndb	2522/udp	Wi ndb
#		Larry Traylor <larry@arium.com>
qke-llc-v3	2523/tcp	Qke LLC V.3
qke-llc-v3	2523/udp	Qke LLC V.3
#		Joerg Niehoff <joerg.niehoff@alcatel-ke.de>
optiwave-lm	2524/tcp	Optiwave License Management
optiwave-lm	2524/udp	Optiwave License Management
#		Slawomir Krzesinski <slawek@optiwave.com>
ms-v-worl ds	2525/tcp	MS V-Worl ds

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ms-v-worl ds	2525/udp	MS V-Worl ds
#		Pete Wong <petewong@mi crosoft. com>
ema-sent-l m	2526/tcp	EMA Li cense Manager
ema-sent-l m	2526/udp	EMA Li cense Manager
#		Thaddeus Peral a <tr@emaden. com>
i qserver	2527/tcp	IQ Server
i qserver	2527/udp	IQ Server
#		Ni ck Straguzzi <Ni ck_Straguzzi @akbs. com>
ncr_ccl	2528/tcp	NCR CCL
ncr_ccl	2528/udp	NCR CCL
#		Ami tava Dutta <Ami tava. Dutta@Woodbri dgeNJ. 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 <yosi mass@hai fa. vnet. i bm. com>
i to-e-gui	2531/tcp	ITO-E GUI
i to-e-gui	2531/udp	ITO-E GUI
#		Mi chael Haeuptl e <Mi chael _Haeuptl e@hp. com>
ovtopmd	2532/tcp	OVTOPMD
ovtopmd	2532/udp	OVTOPMD
#		Eri c Pul si pher <eri c_pul si pher@hp. com>
sni fferserver	2533/tcp	Sni fferServer
sni fferserver	2533/udp	Sni fferServer
#		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. i l >
madcap	2535/tcp	MADCAP
madcap	2535/udp	MADCAP
#		Stephen Hanna <steve. hanna@sun. com>
btp2audctr1	2536/tcp	btp2audctr1
btp2audctr1	2536/udp	btp2audctr1
#		I an Dani els <btexact. ports@bt. com>
upgrade	2537/tcp	Upgrade Protocol
upgrade	2537/udp	Upgrade Protocol
#		Breck Auten <bauten@dst-i nc. com>
vnwk-prapi	2538/tcp	vnwk-prapi
vnwk-prapi	2538/udp	vnwk-prapi
#		John Hassel kus <Jhassel kus@Vi sual Networks. com>
vsi admi n	2539/tcp	VSI Admi n
vsi admi n	2539/udp	VSI Admi n
#		Rob Juergens <robj @vsi . com>
lonworks	2540/tcp	LonWorks
lonworks	2540/udp	LonWorks
lonworks2	2541/tcp	LonWorks2
lonworks2	2541/udp	LonWorks2
#		Gary Bartlett <garyb@echel on. com>
davi nci	2542/tcp	daVi nci Presenter
davi nci	2542/udp	daVi nci Presenter
#		b-novati ve GmbH <i nfo@b-novati ve. com>
reftek	2543/tcp	REFTEK
reftek	2543/udp	REFTEK
#		Robert Banfi ll <r. banfi ll@reftek. com>
novel l -zen	2544/tcp	Novel l ZEN
novel l -zen	2544/udp	Novel l ZEN
#		Randy Cook <RACOOK@novel l . com>
si s-emt	2545/tcp	si s-emt
si s-emt	2545/udp	si s-emt
#		Bi ll Crawford <Bi ll . Crawford@securi cor. co. uk>
vital vaul tbrtp	2546/tcp	vital vaul tbrtp
vital vaul tbrtp	2546/udp	vital vaul tbrtp
vital vaul tvsmp	2547/tcp	vital vaul tvsmp
vital vaul tvsmp	2547/udp	vital vaul tvsmp
vital vaul tpi pe	2548/tcp	vital vaul tpi pe
vital vaul tpi pe	2548/udp	vital vaul tpi pe
#		Tim Bol dt <ti mb@vital net. com>
i pass	2549/tcp	I PASS
i pass	2549/udp	I PASS
#		Mi chael Fi scher <otterl ey@Pass. COM>
ads	2550/tcp	ADS
ads	2550/udp	ADS
#		Mi chael O' Connor <moconnor@adobe. com>
i sg-uda-server	2551/tcp	ISG UDA Server
i sg-uda-server	2551/udp	ISG UDA Server

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#		Dror Harari <Dror.Harari@isgsoft.com>
call-logging	2552/tcp	Call Logging
call-logging	2552/udp	Call Logging
#		Dean Webb <dean.webb@ascend.com>
efidiningport	2553/tcp	efidiningport
efidiningport	2553/udp	efidiningport
#		Lynn Carter <carterl@execpc.com>
vcnet-link-v10	2554/tcp	VCnet-Link v10
vcnet-link-v10	2554/udp	VCnet-Link v10
#		Csaba Mate <mc36@freemail.c3.hu>
compaq-wcp	2555/tcp	Compaq WCP
compaq-wcp	2555/udp	Compaq WCP
#		Ferruccio Barletta <ferruccio.barletta@compaq.com>
nicetec-nmsvc	2556/tcp	nicetec-nmsvc
nicetec-nmsvc	2556/udp	nicetec-nmsvc
nicetec-mgmt	2557/tcp	nicetec-mgmt
nicetec-mgmt	2557/udp	nicetec-mgmt
#		Joerg Paulus <tech@nicetec.de>
pcl emul timedia	2558/tcp	PCLE Multi Media
pcl emul timedia	2558/udp	PCLE Multi Media
#		Jacob Gsoedl <jgsoedl@pi-nacl esys.com>
lstp	2559/tcp	LSTP
lstp	2559/udp	LSTP
#		Wai ki Wright <wai ki@us.ibm.com>
labrat	2560/tcp	labrat
labrat	2560/udp	labrat
#		John Harvey <johnbob@austin.ibm.com>
mosaixcc	2561/tcp	Mosai xCC
mosaixcc	2561/udp	Mosai xCC
#		Steven Frare <stevefr@mosaix.com>
delibo	2562/tcp	Delibo
delibo	2562/udp	Delibo
#		NovaWi z 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@ensemlesoft.com>
pcs-pcw	2566/tcp	pcs-pcw
pcs-pcw	2566/udp	pcs-pcw
#		W. Jordan Fitzhugh <jfitz@pcare.com>
clp	2567/tcp	Cisco Line Protocol
clp	2567/udp	Cisco Line Protocol
#		Susan Hinrichs <shinrich@cisco.com>
spamtrap	2568/tcp	SPAM TRAP
spamtrap	2568/udp	SPAM TRAP
#		Chuck Bennett <chuck@benatong.com>
sonuscallsig	2569/tcp	Sonus Call Signal
sonuscallsig	2569/udp	Sonus Call Signal
#		Mark Garti <mgarti@sonusnet.com>
hs-port	2570/tcp	HS Port
hs-port	2570/udp	HS Port
#		Uri Doron <uri@il.netect.com>
cecsvc	2571/tcp	CECSVC
cecsvc	2571/udp	CECSVC
#		Roger Pao <rpao@corder-eng.com>
ibp	2572/tcp	IBP
ibp	2572/udp	IBP
#		Jonathan Downes <jonno@activ.net.au>
trustestablish	2573/tcp	Trust Establish
trustestablish	2573/udp	Trust Establish
#		Yosi Mass <yosimass@haifa.vnet.ibm.com>
blockade-bpsp	2574/tcp	Blockade BPSP
blockade-bpsp	2574/udp	Blockade BPSP
#		VP - Research & Development <development@blockade.com>
hl7	2575/tcp	HL7
hl7	2575/udp	HL7
#		Tim Jacobs
tclprodebugger	2576/tcp	TCL Pro Debugger
tclprodebugger	2576/udp	TCL Pro Debugger
scriptcslsrvr	2577/tcp	Scriptcs Lsrvr
scriptcslsrvr	2577/udp	Scriptcs Lsrvr
#		Brent Welch <welch@scriptcs.com>

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rvs-isdncp	2578/tcp	RVS ISDN DCP
rvs-isdncp	2578/udp	RVS ISDN DCP
#		Michael Zirpel <mbz@rvscom.com>
mpfoncl	2579/tcp	mpfoncl
mpfoncl	2579/udp	mpfoncl
#		I taru Ki mura <ki mura@kel . fuj i tsu. co. j p>
tributary	2580/tcp	Tri butary
tributary	2580/udp	Tri butary
#		Loui s Lu <Loui sL@bri stol . com>
argis-te	2581/tcp	ARGI S TE
argis-te	2581/udp	ARGI S TE
argis-ds	2582/tcp	ARGI S DS
argis-ds	2582/udp	ARGI S DS
#		John Legh-Page <j ohn. l egh-page@argi s. com>
mon	2583/tcp	MON
mon	2583/udp	MON
#		Jim Trocki <trocki j@transmeta.com>
cyaserv	2584/tcp	cyaserv
cyaserv	2584/udp	cyaserv
#		Morgan Jones <mwj@cyasol uti ons. 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 Dol echeck <Dol echeck@I PMetri cs. com>
masc	2587/tcp	MASC
masc	2587/udp	MASC
#		Pavl i n Ivanov Radosl avov
#		<pavl i n@catari na. usc. edu>
privilege	2588/tcp	Pri vi lege
privilege	2588/udp	Pri vi lege
#		Gi l Hecht <Gi l H@aks. com>
quartus-tcl	2589/tcp	quartus tcl
quartus-tcl	2589/udp	quartus tcl
#		Subroto Datta <subrotod@al tera. com>
idotdist	2590/tcp	i dotdi st
idotdist	2590/udp	i dotdi st
#		Jason Hunter <j thunter@i nvi no. com>
maytagshuffl e	2591/tcp	Maytag Shuffl e
maytagshuffl e	2591/udp	Maytag Shuffl e
#		Maytag Corporati on <hbuck@maytag.com>
netrek	2592/tcp	netrek
netrek	2592/udp	netrek
#		Al Guetzl aff <aeg@teamquest.com>
mns-mail	2593/tcp	MNS Mai l Noti ce Servi ce
mns-mail	2593/udp	MNS Mai l Noti ce Servi ce
#		Rumi ko Ki kuta <ki ku@nd. net. fuj i tsu. co. j p>
dts	2594/tcp	Data Base Server
dts	2594/udp	Data Base Server
#		Andreas Roene <support@home-onl i ne. de>
worldfusion1	2595/tcp	Worl d Fusi on 1
worldfusion1	2595/udp	Worl d Fusi on 1
worldfusion2	2596/tcp	Worl d Fusi on 2
worldfusion2	2596/udp	Worl d Fusi on 2
#		Worl d Fusi on <net@worl dfusi on. com>
homesteadglory	2597/tcp	Homestead Gl ory
homesteadglory	2597/udp	Homestead Gl ory
#		John Tokash <j tokash@homestead.com>
ci tri xmacli ent	2598/tcp	Ci tri x MA Cli ent
ci tri xmacli ent	2598/udp	Ci tri x MA Cli ent
#		Myk Willi s <myk. wi l l i s@ci tri x. com>
snapt	2599/tcp	Snap Di scovery
snapt	2599/udp	Snap Di scovery
#		Kevin Osborn <kosborn@snapappl i ance.com>
hpstgmgr	2600/tcp	HPSTGMGR
hpstgmgr	2600/udp	HPSTGMGR
#		Kevi n Col l i ns <kevi nc@. cnd. hp. com>
discp-client	2601/tcp	di scp cli ent
discp-client	2601/udp	di scp cli ent
dscp-server	2602/tcp	di scp server
dscp-server	2602/udp	di scp server
#		Peter Whi te <peter_whi te@3com.com>
servicemeter	2603/tcp	Servi ce Meter
servicemeter	2603/udp	Servi ce Meter
#		Duncan Hare <Duncan. Hare@synoi a. com>
nsc-ccs	2604/tcp	NSC CCS

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nsc-ccs	2604/udp	NSC CCS
nsc-posa	2605/tcp	NSC POSA
nsc-posa	2605/udp	NSC POSA
#		Tom Findley <tom.findley@networksciences.net>
netmon	2606/tcp	Dell Netmon
netmon	2606/udp	Dell Netmon
connection	2607/tcp	Dell Connection
connection	2607/udp	Dell Connection
#		Sudhir Shetty <Sudhir_Shetty@Dell.com>
wag-service	2608/tcp	Wag Service
wag-service	2608/udp	Wag Service
#		Gilles Bourquard <gbo@wag.ch>
system-monitor	2609/tcp	System Monitor
system-monitor	2609/udp	System Monitor
#		Greg Robson-Garth <gregr@alphalink.com.au>
versa-tek	2610/tcp	VersaTek
versa-tek	2610/udp	VersaTek
#		James Kou <Jamesk@versatek.com>
lionhead	2611/tcp	LIONHEAD
lionhead	2611/udp	LIONHEAD
#		Tim Rance <trance@lionhead.co.uk>
qpass-agent	2612/tcp	Qpass Agent
qpass-agent	2612/udp	Qpass Agent
#		Craig Ching <cching@mqssoftware.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@tekni-dude.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@senti-lion.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
#		Priatham Shetty <priatham@andromedia.com>
miles-apart	2621/tcp	Miles Apart Jukebox Server
miles-apart	2621/udp	Miles Apart Jukebox Server
#		Michael Rathmann <rathmann_ia@milesinfo.com>
metri cadbc	2622/tcp	Metri caDBC
metri cadbc	2622/udp	Metri caDBC
#		Russ Oliviant <russ.oliviant@metri.ca.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 Bal esta <George.Bal esta@tfn.com>
moshebeeri	2627/tcp	Moshe Beeri
moshebeeri	2627/udp	Moshe Beeri
#		Moshe Beeri <moshe@whale-com.com>
dict	2628/tcp	DICT
dict	2628/udp	DICT
#		Rik Faith <faith@cs.unc.edu>
sitaraserver	2629/tcp	Sitara Server
sitaraserver	2629/udp	Sitara Server
sitarangmt	2630/tcp	Sitara Management
sitarangmt	2630/udp	Sitara Management

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si taradi r	2631/tcp	Sitara Dir
si taradi r	2631/udp	Sitara Dir
#		Mani ckam R. Sri dhar <msri dhar@si taranetworks.com>
i rdg-post	2632/tcp	IRdg Post
i rdg-post	2632/udp	IRdg Post
#		IRdg, Inc. <j tayl or@i rdg.com>
i nterintel li	2633/tcp	InterIntelli
i nterintel li	2633/udp	InterIntelli
#		Mike Gagl e <Mi keG@i nter-i ntel li .com>
pk-el ectroni cs	2634/tcp	PK El ectroni cs
pk-el ectroni cs	2634/udp	PK El ectroni cs
#		Seb l bi s <seb_i bi s@pkworl d.com>
backburner	2635/tcp	Back Burner
backburner	2635/udp	Back Burner
#		Kevi n Tei skoetter <kevi nt@metacreati ons.com>
sol ve	2636/tcp	Solve
sol ve	2636/udp	Solve
#		Peter Morri son <peter_morri son@sydney.sterl i ng.com>
i mdocsvc	2637/tcp	Import Document Servi ce
i mdocsvc	2637/udp	Import Document Servi ce
#		Zi a Bhatti <zi a@netri ght.com>
sybaseanywhere	2638/tcp	Sybase Anywhere
sybaseanywhere	2638/udp	Sybase Anywhere
#		Dave Neudoerffer <Dave.Neudoerffer@i anywhere.com>
ami net	2639/tcp	AMI net
ami net	2639/udp	AMI net
#		Al corn McBri de Inc. <j eff@al corn.com>
sai _sentl m	2640/tcp	Sabbagh Associ ates Li cense Manager
sai _sentl m	2640/udp	Sabbagh Associ ates Li cense Manager
#		El i as Sabbagh <ehs@sabbagh.com>
hdl -srv	2641/tcp	HDL Server
hdl -srv	2641/udp	HDL Server
#		Davi d El y <del y@cnri .reston.va.us>
tragi c	2642/tcp	Tragi c
tragi c	2642/udp	Tragi c
#		Stu Mark <fordi i@j 51.com>
gte-samp	2643/tcp	GTE-SAMP
gte-samp	2643/udp	GTE-SAMP
#		Asher Al tman <Asher. Al tman@GSC.GTE.Com>
travsoft-i px-t	2644/tcp	Travsoft IPX Tunnel
travsoft-i px-t	2644/udp	Travsoft IPX Tunnel
#		Jack Wi lson <JackW@travsoft.com>
novel l -i px-cmd	2645/tcp	Novel l IPX CMD
novel l -i px-cmd	2645/udp	Novel l IPX CMD
#		Juan Carlos Luci ani <j l uci ani @novel l .com>
and-l m	2646/tcp	AND Li cense Manager
and-l m	2646/udp	AND Li cense Manager
#		Dick van der Si js <di ck@and.nl >
syncserver	2647/tcp	SyncServer
syncserver	2647/udp	SyncServer
#		Dave Fi nnegan <dave@synci nc.com>
upsnoti fyprot	2648/tcp	Upsnoti fyprot
upsnoti fyprot	2648/udp	Upsnoti fyprot
#		Mari o Lebout e <l eboute@pro.vi a-rs.com.br>
vpsi pport	2649/tcp	VPSI PPORT
vpsi pport	2649/udp	VPSI PPORT
#		Joon Radl ey <j radl ey@csi r.co.za>
eri stwoguns	2650/tcp	eri stwoguns
eri stwoguns	2650/udp	eri stwoguns
#		NetPro Computi ng Inc. <ports@netpro.com>
ebi nsi te	2651/tcp	EBI nSi te
ebi nsi te	2651/udp	EBI nSi te
#		Lefteri s Kal amaras <l efteri s@ebi .com>
i nterpathpanel	2652/tcp	InterPathPanel
i nterpathpanel	2652/udp	InterPathPanel
#		Stephen Mi sel <steve.misel @i nterpath.net>
sonus	2653/tcp	Sonus
sonus	2653/udp	Sonus
#		Mark Gart i <mgarti @sonusnet.com>
corel _vncadmi n	2654/tcp	Corel VNC Admi n
corel _vncadmi n	2654/udp	Corel VNC Admi n
#		Ol eg Noskov <ol egn@corel computer.com>
ungl ue	2655/tcp	UNI X Nt Gl ue
ungl ue	2655/udp	UNI X Nt Gl ue
#		Peter Santoro <peter@pscomp.com>
kana	2656/tcp	Kana

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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>
gcmontor	2660/tcp	GC Monitor
gcmontor	2660/udp	GC Monitor
#		Gustavo Rodriguez-Rivera <grr@geodesic.com>
olhost	2661/tcp	OLHOST
olhost	2661/udp	OLHOST
#		Robert Ripberger <rip@lan-aces.com>
bin-tec-capi	2662/tcp	BinTec-CAPI
bin-tec-capi	2662/udp	BinTec-CAPI
bin-tec-tapi	2663/tcp	BinTec-TAPI
bin-tec-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 Nikola <richard_nikola@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 Blaketter <dean@corp.webtv.net>
newlixreg	2671/tcp	newlixreg
newlixreg	2671/udp	newlixreg
#		Jean-Serge Gagnon <js@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 <yamashita@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 <iana@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
#		Hi deki Kiri yama <kiri yama@cp10.es.xerox.com>
mpnj-somb	2681/tcp	mpnj-somb
mpnj-somb	2681/udp	mpnj-somb
#		Takenori Miyahara <miyahara@pfu.co.jp>
#	2682	Removed (2002-04-30)
ncdlodbal-ance	2683/tcp	NCDLoadBalance
ncdlodbal-ance	2683/udp	NCDLoadBalance
#		Tim Stevenson <tes@ncd.com>
mpnj-sosv	2684/tcp	mpnj-sosv
mpnj-sosv	2684/udp	mpnj-sosv

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mpnj soci	2685/tcp	mpnj soci
mpnj soci	2685/udp	mpnj soci
mpnj somg	2686/tcp	mpnj somg
mpnj somg	2686/udp	mpnj somg
#		Take nori Mi yahara <mi yahara@pfu. co. j p>
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 <l yndon@execmai l . ca>
fastlynx	2689/tcp	FastLynx
fastlynx	2689/udp	FastLynx
#		Dave Sewell <dave@sewell dev. 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>
iti internet	2691/tcp	ITInternet ISM Server
iti internet	2691/udp	ITInternet ISM Server
#		Ron Ehli <ron@i ti internet. net>
admi ns-l ms	2692/tcp	Admi ns LMS
admi ns-l ms	2692/udp	Admi ns LMS
#		Dagfi nn Saether <Dagfi nn@admi ns. com>
#	2693/tcp	Unassi gned (Removed 2004-2-6)
#	2693/udp	
#		
pwrsevent	2694/tcp	pwrsevent
pwrsevent	2694/udp	pwrsevent
#		Yoshi nobu Nakamura
#		<nakamura@np. l ps. cs. fuj i tsu. co. j p>
vsread	2695/tcp	VSPREAD
vsread	2695/udp	VSPREAD
#		Sumi take kobayashi
#		<kobayashi @np. l ps. cs. fuj i tsu. co. j p>
uni fyadmi n	2696/tcp	Uni fy Admi n
uni fyadmi n	2696/udp	Uni fy Admi n
#		Duane Gi bson <i anaportmaster@uni fy. com>
oce-snm p-trap	2697/tcp	Oce SNMP Trap Port
oce-snm p-trap	2697/udp	Oce SNMP Trap Port
#		Peter Teeuwen <ptee@oce. nl >
mck-i vpi p	2698/tcp	MCK-IVPI P
mck-i vpi p	2698/udp	MCK-IVPI P
#		Robert Vincent <bert@mck. com>
csoft-pl uscl nt	2699/tcp	Csoft Plus Client
csoft-pl uscl nt	2699/udp	Csoft Plus Client
#		Nedel cho Stanev <nstanev@csoft. bg>
tqdata	2700/tcp	tqdata
tqdata	2700/udp	tqdata
#		Al Guetzl aff <aeg@teamquest. com>
sms-rci nfo	2701/tcp	SMS RCI NFO
sms-rci nfo	2701/udp	SMS RCI NFO
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 Fri end <tomfr@mi crosoft. com>
sds-admi n	2705/tcp	SDS Admi n
sds-admi n	2705/udp	SDS Admi n
#		Don Traub <don. traub@sun. com>
ncdmi rrori ng	2706/tcp	NCD Mi rrori ng
ncdmi rrori ng	2706/udp	NCD Mi rrori ng
#		Tim Stevenson <tes@ncd. com>
emcsymapi port	2707/tcp	EMCSYMAPI PORT
emcsymapi port	2707/udp	EMCSYMAPI PORT
#		Bruce Ferj ul i an <ferj ul i an_bruce@emc. com>
banyan-net	2708/tcp	Banyan-Net
banyan-net	2708/udp	Banyan-Net
#		R. Thi rumurthy <rtm@banyannetworks. com>
supermon	2709/tcp	Supermon
supermon	2709/udp	Supermon
#		Ron Mi nni ch <rmi nni ch@acl . l anl . gov>
sso-servi ce	2710/tcp	SSO Servi ce
sso-servi ce	2710/udp	SSO Servi ce
sso-control	2711/tcp	SSO Control

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sso-control	2711/udp	SSO Control
#		Martin Proulx <mproulx@ok.ok.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
#		Glenn Sansoucie <glens@llmwin.com>
qotps	2724/tcp	qotps
qotps	2724/udp	qotps
#		Piotr Parlewicki <pparlewicki@queryobject.com>
msolap-ptp2	2725/tcp	MSOLAP PTP2
msolap-ptp2	2725/udp	MSOLAP PTP2
#		Cristian Petculescu <cristp@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 Hui Tema <hui tema@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-rai dpl us	2730/tcp	NEC Rai dPl us
nec-rai dpl us	2730/udp	NEC Rai dPl us
#		Yusuke Asai <yasai@nw1.file.fc.nec.co.jp>
fyre-messenger	2731/tcp	Fyre Messenger
fyre-messenger	2731/udp	Fyre Messenger
#		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 Shai nert <israel s@209.88.177.2>
srp-feedback	2737/tcp	SRP Feedback

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srp-feedback	2737/udp	SRP Feedback
#		Werner Almesberger <Werner.Almesberger@epfl.ch>
ndl-tcp-osis-gw	2738/tcp	NDL TCP-OSI Gateway
ndl-tcp-osis-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 <Paul.Roberts@engineer.com>
alarm	2740/tcp	Alarm
alarm	2740/udp	Alarm
#		Uriy Makasjuk <racer@bfp.ru>
tsb	2741/tcp	TSB
tsb	2741/udp	TSB
tsb2	2742/tcp	TSB2
tsb2	2742/udp	TSB2
#		Ashish Chatterjee
#		<achatterjee@freeway.proxy.lucent.com>
murx	2743/tcp	murx
murx	2743/udp	murx
#		Thomas Kuiper <tkuiper@inxsoft.net>
honyaku	2744/tcp	honyaku
honyaku	2744/udp	honyaku
#		Yasunari Yamashita <yamashita@omronsoft.co.jp>
urbi-snet	2745/tcp	URBI SNET
urbi-snet	2745/udp	URBI SNET
#		Urbi S. Net Ltd <postmaster@urbi-s.net>
cpudpencap	2746/tcp	CPUDPENCAP
cpudpencap	2746/udp	CPUDPENCAP
#		Tamir Zegman <zegman@checkpoint.com>
fjippol-swrl	2747/tcp	
fjippol-swrl	2747/udp	
fjippol-pol-svr	2748/tcp	
fjippol-pol-svr	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 <tachibana@yk.fujitsu.co.jp>
rsisysaccess	2752/tcp	RSI SYS ACCESS
rsisysaccess	2752/udp	RSI SYS 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>
siplement-tie	2756/tcp	siplement-tie
siplement-tie	2756/udp	siplement-tie
#		Tzvi Ka Chumash <tzvika@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	DI COM ISCL
dicom-iscl	2761/udp	DI COM ISCL
dicom-tls	2762/tcp	DI COM TLS
dicom-tls	2762/udp	DI COM 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

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# Brent Irwin <birwin@standard.com>
qip-audup      2765/tcp    qip-audup
qip-audup      2765/udp    qip-audup
# Mike Morgan <mmorgan@lucent.com>
compaq-scp     2766/tcp    Compaq SCP
compaq-scp     2766/udp    Compaq SCP
# Ferruccio Barletta <ferruccio.barletta@compaq.com>
uadtc         2767/tcp    UADTC
uadtc         2767/udp    UADTC
uacs          2768/tcp    UACS
uacs          2768/udp    UACS
# Vishwas Lela <Vishwas_Lela@appliedis.com>
exce          2769/tcp    eXcE
exce          2769/udp    eXcE
# Norm Freedman <normfree@san.rr.com>
veronica      2770/tcp    Veronica
veronica      2770/udp    Veronica
# Jonas Oberg <jonas@coyote.org>
vergencecm    2771/tcp    Vergence CM
vergencecm    2771/udp    Vergence CM
# Mark Morwood <markm@sention.com>
auris         2772/tcp    auris
auris         2772/udp    auris
# Francisco Saez Arance <fsaez@tid.es>
rbakcup1      2773/tcp    RBackup Remote Backup
rbakcup1      2773/udp    RBackup Remote Backup
rbakcup2      2774/tcp    RBackup Remote Backup
rbakcup2      2774/udp    RBackup Remote Backup
# Rob Cosgrove <rob@alice.net>
smpp          2775/tcp    SMPP
smpp          2775/udp    SMPP
# Owen Sullivan <owen.sullivan@aldiscon.ie>
ridgeway1     2776/tcp    Ridgeway Systems & Software
ridgeway1     2776/udp    Ridgeway Systems & Software
ridgeway2     2777/tcp    Ridgeway Systems & Software
ridgeway2     2777/udp    Ridgeway Systems & Software
# Steve Read <sread@ridgeway-sys.com>
gwen-sonya    2778/tcp    Gwen-Sonya
gwen-sonya    2778/udp    Gwen-Sonya
# Mark Hurst <mhurst@inconnect.com>
lbc-sync      2779/tcp    LBC Sync
lbc-sync      2779/udp    LBC Sync
lbc-control   2780/tcp    LBC Control
lbc-control   2780/udp    LBC Control
# Keiji Michine <michine@net.paso.fujitsu.co.jp>
whosells      2781/tcp    whosells
whosells      2781/udp    whosells
# William Randolph Royere III
# <william@royere.net>
everydayrc    2782/tcp    everydayrc
everydayrc    2782/udp    everydayrc
# Ahti Heinla <ahti@ahti.bluemoon.ee>
aises         2783/tcp    AISES
aises         2783/udp    AISES
# Daniel Grazioli <dgrazioli@pgaero.co.uk>
www-dev       2784/tcp    world wide web - development
www-dev       2784/udp    world wide web - development
aic-np        2785/tcp    aic-np
aic-np        2785/udp    aic-np
# Brad Parker <brad@american.com>
aic-oncrpc    2786/tcp    aic-oncrpc - Destiny MCD database
aic-oncrpc    2786/udp    aic-oncrpc - Destiny MCD database
# Brad Parker <brad@american.com>
piccolo      2787/tcp    piccolo - Cornerstone Software
piccolo      2787/udp    piccolo - Cornerstone Software
# Dave Bellivea <DaveBelliveau@corsof.com>
fryeserv     2788/tcp    NetWare Loadable Module - Seagate Software
fryeserv     2788/udp    NetWare Loadable Module - Seagate Software
# Joseph LoPilato
# <Joseph_M_LoPilato@notes.seagate.com>
media-agent   2789/tcp    Media Agent
media-agent   2789/udp    Media Agent
# Nitzan Daube <nitzan@brm.com>
plgproxy      2790/tcp    PLG Proxy
plgproxy      2790/udp    PLG Proxy
# Charlie Hava <charlieh@aks.com>

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mtport-regi st	2791/tcp	MT Port Registrator
mtport-regi st	2791/udp	MT Port Registrator
#		Maxim Tseitin <mtseitin@iname.com>
f5-globa l si te	2792/tcp	f5-globa l si te
f5-globa l si te	2792/udp	f5-globa l si te
#		Christian Saether <c.saether@f5.com>
ini t l smsad	2793/tcp	ini t l smsad
ini t l smsad	2793/udp	ini t l smsad
#		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 Si erwald <juern.sierwald@datafellows.com>
tmesi s-upshot	2798/tcp	TMESI S-UPShot
tmesi s-upshot	2798/udp	TMESI S-UPShot
#		Brian Schenkenberger <VAXman@TMESI S.COM>
icon-di scover	2799/tcp	ICON Di scover
icon-di scover	2799/udp	ICON Di scover
#		Alexander Falk <falk@icon.at>
acc-rai d	2800/tcp	ACC RAID
acc-rai d	2800/udp	ACC RAID
#		Scott St. Clair <stclair@ntc.adaptec.com>
igcp	2801/tcp	IGCP
igcp	2801/udp	IGCP
#		David Hampson <davidh@codemasters.com>
veritas-tcp1	2802/tcp	Veritas TCP1
veritas-udp1	2802/udp	Veritas UDP1
#		Russ Thrasher <Russell.Thrasher@veritas.com>
btprj ctrl	2803/tcp	btprj ctrl
btprj ctrl	2803/udp	btprj ctrl
#		Huw Thomas <huw.thomas@bt.com>
tel exi s-vtu	2804/tcp	Tel exi s VTU
tel exi s-vtu	2804/udp	Tel exi s VTU
#		Todd White <twwhite@tel exi corp.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
cspmul ti	2807/tcp	cspmul ti
cspmul ti	2807/udp	cspmul ti
#		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>
corba oc	2809/tcp	CORBA LOC
corba oc	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>
gsi ftp	2811/tcp	GSI FTP
gsi ftp	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
#		Gl en Sansouci e <gl en@l mwi n.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
#		Aki yoshi Ochi <aki yoshi @net.paso.fuji tsu.co.jp>

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nmsi gport	2817/tcp	NMSi g Port
nmsi gport	2817/udp	NMSi g Port
#		Peter Egl i <peter. egl i @mai l . i nal p. com>
rml nk	2818/tcp	rml nk
rml nk	2818/udp	rml nk
fc-faultnoti fy	2819/tcp	FC Faul t Noti fi cati on
fc-faultnoti fy	2819/udp	FC Faul t Noti fi cati on
#		Dave Watki ns <davew@boi . hp. com>
uni vi si on	2820/tcp	Uni Vi si on
uni vi si on	2820/udp	Uni Vi si on
#		Kei th Ansel l <Kei thA@fastfreenet. com>
vrts-at-port	2821/tcp	VERITAS Authenti cati on Servi ce
vrts-at-port	2821/udp	VERITAS Authenti cati on Servi ce
#		Stefan Wi nkel <stefan@veri tas. com>
ka0wuc	2822/tcp	ka0wuc
ka0wuc	2822/udp	ka0wuc
#		Ki t Haski ns <ki t@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 <j w@cqg. com>
#	2825	(unassi gned) Possi bl y assi gned
slc-systeml og	2826/tcp	slc systeml og
slc-systeml og	2826/udp	slc systeml og
slc-ctrl rl oops	2827/tcp	slc ctrl rl oops
slc-ctrl rl oops	2827/udp	slc ctrl rl oops
#		Erwi n Hogeweg <erwi n@ai rtech. demon. nl >
itm-lm	2828/tcp	ITM Li cense Manager
itm-lm	2828/udp	ITM Li cense Manager
#		Mi les O' Neal <meo@us. i tmasters. com>
sil kp1	2829/tcp	si l kp1
sil kp1	2829/udp	si l kp1
sil kp2	2830/tcp	si l kp2
sil kp2	2830/udp	si l kp2
sil kp3	2831/tcp	si l kp3
sil kp3	2831/udp	si l kp3
sil kp4	2832/tcp	si l kp4
sil kp4	2832/udp	si l kp4
#		Eri k Skyten <eki @si l knet. com>
gl i shd	2833/tcp	gl i shd
gl i shd	2833/udp	gl i shd
#		Darrel l Schi ebel <dschi eb@cv. nrao. edu>
evtp	2834/tcp	EVTP
evtp	2834/udp	EVTP
evtp-data	2835/tcp	EVTP-DATA
evtp-data	2835/udp	EVTP-DATA
#		Eri c Bruno <ebruno@sol uti on-soft. com>
catal yst	2836/tcp	catal yst
catal yst	2836/udp	catal yst
#		Garret Tol l kuhn <garret@mul ti vi ewgroup. com>
repl i web	2837/tcp	Repl i web
repl i web	2837/udp	Repl i web
#		Wi l l i am Orme <bi l l @repl i web. com>
starbot	2838/tcp	Starbot
starbot	2838/udp	Starbot
#		Markus Sabadel l o <sabadel l o@starbot. org>
nmsi gport	2839/tcp	NMSi gPort
nmsi gport	2839/udp	NMSi gPort
#		Peter Egl i <peter. egl i @mai l . i nal p. 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
#		Dol ores Scott <dol ores. scott@l -3securi ty. com>
pdnet	2843/tcp	PDnet
pdnet	2843/udp	PDnet
#		Torsten Scheffl er <torsten. scheffl er@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. gensi g. com>

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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 Martini cky
#		<Brian_Martini cky@automati oni ntel li gence. com>
amt-blc-port	2848/tcp	AMT-BLC-PORT
amt-blc-port	2848/udp	AMT-BLC-PORT
#		Sandra Frull oni <frull oni . amtec@i nterbusi ness. i t>
fxp	2849/tcp	FXP
fxp	2849/udp	FXP
#		Martin Li chti n <li chti n@oanda. com>
metaconsole	2850/tcp	MetaConsole
metaconsole	2850/udp	MetaConsole
#		Rakesh Mahaj an <rmahaj an@netaphor-softwa re. com>
webemshhttp	2851/tcp	webemshhttp
webemshhttp	2851/udp	webemshhttp
#		Stephen Tsun <stsun@j etstream. com>
bears-01	2852/tcp	bears-01
bears-01	2852/udp	bears-01
#		Bruce McKi nnon <brucemck@bears. aust. com>
ispipes	2853/tcp	ISPi pes
ispipes	2853/udp	ISPi pes
#		Rajesh Nandyal am <rnandyal @emc. com>
infomover	2854/tcp	InfoMover
infomover	2854/udp	InfoMover
#		Carla Caputo <caputo@emc. com>
cesdinv	2856/tcp	cesdinv
cesdinv	2856/udp	cesdinv
#		Yoshi aki Tokumoto <toku@pfu. co. j p>
simctlp	2857/tcp	Si mCtI P
simctlp	2857/udp	Si mCtI P
#		Christi an Zi etz <czi etz@gmx. net>
ecnp	2858/tcp	ECNP
ecnp	2858/udp	ECNP
#		Robert Rei mi ller <bob@certsoft. com>
activememory	2859/tcp	Acti ve Memory
activememory	2859/udp	Acti ve Memory
#		Joe Graham <j oe@edaconsul ti ng. com>
dialpad-voice1	2860/tcp	Di al pad Voi ce 1
dialpad-voice1	2860/udp	Di al pad Voi ce 1
dialpad-voice2	2861/tcp	Di al pad Voi ce 2
dialpad-voice2	2861/udp	Di al pad Voi ce 2
#		Wongyu Cho <wgcho@di al pad. com>
ttg-protocol	2862/tcp	TTG Protocol
ttg-protocol	2862/udp	TTG Protocol
#		Mark Bol er <markb@ttgsoftwa re. com>
sonardata	2863/tcp	Sonar Data
sonardata	2863/udp	Sonar Data
#		Ian Hi ggi nbottom <sonardata@sonardata. com>
astromed-main	2864/tcp	mai n 5001 cmd
astromed-main	2864/udp	mai n 5001 cmd
#		Chris Tate <ctate@astromed. com>
pit-vpn	2865/tcp	pi t-vpn
pit-vpn	2865/udp	pi t-vpn
#		Norbert Sendetzky <norbert@l i nuxnetworks. de>
iwlister	2866/tcp	iwlister
iwlister	2866/udp	iwlister
#		Fred Surr <quest_ i ana@oz. quest. com>
esps-portal	2867/tcp	esps-portal
esps-portal	2867/udp	esps-portal
#		Ni chol as Stowfi s <nstowfi s@esps. com>
npep-messaging	2868/tcp	NPEP Messagi ng
npep-messaging	2868/udp	NPEP Messagi ng
#		Kristi an A. Bognaes <kbo@norman. no>
icslap	2869/tcp	I CSLAP
icslap	2869/udp	I CSLAP
#		Ri chard Lamb <rl amb@mi crossoft. com>
dai shi	2870/tcp	dai shi
dai shi	2870/udp	dai shi
#		Patri ck Chi pman <pchi pman@memphi s. edu>
msi -selectplay	2871/tcp	MSI Sel ect Pl ay
msi -selectplay	2871/udp	MSI Sel ect Pl ay
#		Paul Fonte <paul _fonte@medi astati on. com>
radi x	2872/tcp	RADI X
radi x	2872/udp	RADI X

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# Stein Roger Skaflotten
# <sskaflot@online.no>
# Unassigned (Removed 2003-07-23)
dxmessagebase1 2873 dxmessagebase1
dxmessagebase1 2874/tcp dxmessagebase1
dxmessagebase1 2874/udp dxmessagebase1
dxmessagebase2 2875/tcp dxmessagebase2
dxmessagebase2 2875/udp dxmessagebase2
# Ozz Nixon <root@delphi.x.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 <vgri@saironet.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>
ecovisiونغ6-1 2896/tcp ECOVISIONG6-1
ecovisiونغ6-1 2896/udp ECOVISIONG6-1
# Henrik Holst <henrik.holst@ecovision.se>
citrirx-rtmp 2897/tcp Citrix RTMP
citrirx-rtmp 2897/udp Citrix RTMP
# Myk Willis <myk.willis@citrirx.com>
appliance-cfg 2898/tcp APPLIANCE-CFG
appliance-cfg 2898/udp APPLIANCE-CFG
# Gary A. James <gary.james@criticalink.com>
powergemplus 2899/tcp POWERGEMPLUS

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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>
allstorcnscns	2901/tcp	ALLSTORCNCS
allstorcnscns	2901/udp	ALLSTORCNCS
#		Steve Dobson <sdobson@allstor.com>
netaspi	2902/tcp	NETASPI
netaspi	2902/udp	NETASPI
#		Johnson Luo <johnson_luo@mail.sercomm.com.tw>
suitcase	2903/tcp	SUITSUITE
suitcase	2903/udp	SUITSUITE
#		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	Epi con
epicon	2912/udp	Epi con
#		Michael Khalandovsky <mlk@epicon.com>
boosterware	2913/tcp	Booster Ware
boosterware	2913/udp	Booster Ware
#		Ido Ben-David <dgntcom@netvision.net.il>
gameobby	2914/tcp	Game Lobby
gameobby	2914/udp	Game Lobby
#		Paul Ford-Hutchinson <paulfordh@uk.ibm.com>
tksocket	2915/tcp	TK Socket
tksocket	2915/udp	TK Socket
#		Alan Fahrner <alan@protx.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@theon.com>
roboeda	2920/tcp	roboEDA
roboeda	2920/udp	roboEDA
#		Paul Snook <paul.snook@theon.com>
cesdcdman	2921/tcp	CESD Contents Delivery Management
cesdcdman	2921/udp	CESD Contents Delivery Management
#		Shinya Abe <abeabe@pfu.co.jp>
cesdcdtrn	2922/tcp	CESD Contents Delivery Data Transfer
cesdcdtrn	2922/udp	CESD Contents Delivery Data Transfer
#		Shinya Abe <abeabe@pfu.co.jp>
wta-wsp-wtp-s	2923/tcp	WTA-WSP-WTP-S
wta-wsp-wtp-s	2923/udp	WTA-WSP-WTP-S
#		Sebastien Bury (WAP Forum)
#		<sebastien.bury@art.alcatel.fr>

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precise-vip	2924/tcp	PRECISE-VIP
precise-vip	2924/udp	PRECISE-VIP
#		Michael Landwehr <mikel@precisesoft.co.il>
#	2925	Unassigned (FRP-Released 12/7/00)
mobile-file-dl	2926/tcp	MOBILE-FILE-DL
mobile-file-dl	2926/udp	MOBILE-FILE-DL
#		Mitsuji Toda <toda@mmedia.mci.mei.co.jp>
uni mobilectrl	2927/tcp	UNIMOBILECTRL
uni mobilectrl	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
#		Brett Goldstein <bgolstein@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@tel tone.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@nortel networks.com>
fj svmpor	2946/tcp	FJSVmpor
fj svmpor	2946/udp	FJSVmpor
#		Naoki Hayashi <ha@fj.h.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>

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mpfwsas	2952/tcp	MPFWSAS
mpfwsas	2952/udp	MPFWSAS
#		Toru Murai <murai@sai nt. nm. fuj i tsu. co. j p>
oval armsrv	2953/tcp	OVALARMSRV
oval armsrv	2953/udp	OVALARMSRV
oval armsrv-cmd	2954/tcp	OVALARMSRV-CMD
oval armsrv-cmd	2954/udp	OVALARMSRV-CMD
#		Eric Pul si pher <eri c_pul si pher@hp. com>
csnoti fy	2955/tcp	CSNOTI FY
csnoti fy	2955/udp	CSNOTI FY
#		Israel Beni ami ny <i srael . beni ami ny@cl i ckservi ce. com>
ovri mosdbman	2956/tcp	OVRI MOSDBMAN
ovri mosdbman	2956/udp	OVRI MOSDBMAN
#		Di mi tri os Soufl i s <dsoufl i s@al tera. gr>
j mact5	2957/tcp	JAMCT5
j mact5	2957/udp	JAMCT5
j mact6	2958/tcp	JAMCT6
j mact6	2958/udp	JAMCT6
rmopagt	2959/tcp	RMOPAGT
rmopagt	2959/udp	RMOPAGT
#		Shuji Okubo <okubo@yk. fuj i tsu. co. j p>
dfoxserver	2960/tcp	DFOXSERVER
dfoxserver	2960/udp	DFOXSERVER
#		Davi d Hol den <mdh@rentek. net>
bol dsoft-lm	2961/tcp	BOLDSOFT-LM
bol dsoft-lm	2961/udp	BOLDSOFT-LM
#		Fredri k Hagl und <fredi k. hagl und@bol dsoft. com>
i ph-pol i cy-cl i	2962/tcp	I PH-POLI CY-CLI
i ph-pol i cy-cl i	2962/udp	I PH-POLI CY-CLI
i ph-pol i cy-adm	2963/tcp	I PH-POLI CY-ADM
i ph-pol i cy-adm	2963/udp	I PH-POLI CY-ADM
#		Shai Herzog <herzog@i phi ghway. com>
bul lant-srap	2964/tcp	BULLANT SRAP
bul lant-srap	2964/udp	BULLANT SRAP
bul lant-rap	2965/tcp	BULLANT RAP
bul lant-rap	2965/udp	BULLANT RAP
#		Mi chael Cahil l <Mi chael . Cahil l@bul lant. net>
i dp-i nfotri eve	2966/tcp	I DP-I NFOTRI EVE
i dp-i nfotri eve	2966/udp	I DP-I NFOTRI EVE
#		Kevi n Bruckert <kbruckert@i dpco. com>
ssc-agent	2967/tcp	SSC-AGENT
ssc-agent	2967/udp	SSC-AGENT
#		George Dzi eci ol <gdzi eci ol@symantec. com>
enpp	2968/tcp	ENPP
enpp	2968/udp	ENPP
#		Kazuhi to Gassho <Gassho. Kasuhi to@exc. epon. co. j p>
essp	2969/tcp	ESSP
essp	2969/udp	ESSP
#		Hi toshi I shi da <i shi da. hi toshi @exc. epon. co. j p>
i ndex-net	2970/tcp	I NDEX-NET
i ndex-net	2970/udp	I NDEX-NET
#		Chris J. Wren <C. Wren@l ucent. com>
netcl i p	2971/tcp	NetCl i p cl i pboard daemon
netcl i p	2971/udp	NetCl i p cl i pboard daemon
#		Rudi Chi ari to <nutel l o@sweetness. com>
pmsm-webrctl	2972/tcp	PMSM Webrctl
pmsm-webrctl	2972/udp	PMSM Webrctl
#		Markus Mi chel s <mmi @pmsmi cado. com>
svnetworks	2973/tcp	SV Networks
svnetworks	2973/udp	SV Networks
#		Syl vi a Si u <ssi u@svnetworks. com>
si gnal	2974/tcp	Si gnal
si gnal	2974/udp	Si gnal
#		Wyatt Wi l l i ams <wyattw@i call . com>
fj mpcm	2975/tcp	Fuj i tsu Confi gurati on Management Servi ce
fj mpcm	2975/udp	Fuj i tsu Confi gurati on Management Servi ce
#		Hi roki Kawano <kawano@sai nt. nm. fuj i tsu. co. j p>
cns-srv-port	2976/tcp	CNS Server Port
cns-srv-port	2976/udp	CNS Server Port
#		Ram Gol l a <rgol l a@ci sco. com>
ttc-etap-ns	2977/tcp	TTCs Enterpri se Test Access Protocol - NS
ttc-etap-ns	2977/udp	TTCs Enterpri se Test Access Protocol - NS
ttc-etap-ds	2978/tcp	TTCs Enterpri se Test Access Protocol - DS
ttc-etap-ds	2978/udp	TTCs Enterpri se Test Access Protocol - DS
#		Dani el Becker <beckerd@ttc. com>
h263-vi deo	2979/tcp	H. 263 Vi deo Streami ng

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h263-vi deo	2979/udp	H. 263 Vi deo Streaming
#		Jauvane C. de Ol ivei ra <j auvane@acm. org>
wi md	2980/tcp	Instant Messagi ng Servi ce
wi md	2980/udp	Instant Messagi ng Servi ce
#		Kevi n Bi rch <kbi rch@pobox. com>
myl xamport	2981/tcp	MYLXAMPOR T
myl xamport	2981/udp	MYLXAMPOR T
#		Wei Gao <wei @myl ex. com>
i wb-whi teboard	2982/tcp	I WB-WHI TEBOARD
i wb-whi teboard	2982/udp	I WB-WHI TEBOARD
#		Davi d W. Radcl i ffe <davi dr@adi carte. co. uk>
netpl an	2983/tcp	NETPLAN
netpl an	2983/udp	NETPLAN
#		Thomas Dri emeyer <thomas@bi trot. de>
hpi dsadmi n	2984/tcp	HPI DSADMI N
hpi dsadmi n	2984/udp	HPI DSADMI N
hpi dsagent	2985/tcp	HPI DSAGENT
hpi dsagent	2985/udp	HPI DSAGENT
#		John Trudeau <j trudeau@cup. hp. com>
stonefal ls	2986/tcp	STONEFALLS
stonefal ls	2986/udp	STONEFALLS
#		Scott Grau <sgrau@stonefal ls. com>
i denti fy	2987/tcp	i denti fy
i denti fy	2987/udp	i denti fy
hi ppad	2988/tcp	HI PPA Reporti ng Protocol
hi ppad	2988/udp	HI PPA Reporti ng Protocol
#		Wi lli am Randol ph Royere III
#		<wi lli am@royere. net>
zarkov	2989/tcp	ZARKOV Intelli gent Agent Communi cati on
zarkov	2989/udp	ZARKOV Intelli gent Agent Communi cati on
#		Robi n Felix <zarkov-port@zarkov. com>
boscap	2990/tcp	BOSCAP
boscap	2990/udp	BOSCAP
#		Dirk Hi l l brecht <di rk@hi l l brecht. de>
wkstn-mon	2991/tcp	WKSTN-MON
wkstn-mon	2991/udp	WKSTN-MON
#		Wi lli am Davi d <wi lli am. davi d@l mco. com>
i tb301	2992/tcp	ITB301
i tb301	2992/udp	ITB301
#		Bodo Rueskamp <br@i tchi go. com>
veri tas-vi s1	2993/tcp	VERI TAS VI S1
veri tas-vi s1	2993/udp	VERI TAS VI S1
veri tas-vi s2	2994/tcp	VERI TAS VI S2
veri tas-vi s2	2994/udp	VERI TAS VI S2
#		Di nkar Chi val uri <di nkar@veri tas. com>
i drs	2995/tcp	I DRS
i drs	2995/udp	I DRS
#		Jeff Eaton <j eaton@i ntermec. com>
vsi xml	2996/tcp	vsi xml
vsi xml	2996/udp	vsi xml
#		Rob Juergens <robj @vsi . com>
rebol	2997/tcp	REBOL
rebol	2997/udp	REBOL
#		Hol ger Kruse <hol ger@rebol . net>
real secure	2998/tcp	Real Secure
real secure	2998/udp	Real Secure
#		Wes Wi l son <wwi l son@i ss. net>
remoteware-un	2999/tcp	RemoteWare Unassi gned
remoteware-un	2999/udp	RemoteWare Unassi gned
#		Tim Farley <Ti m. Farl ey@xcel l enet. com>
hbc i	3000/tcp	HBCI
hbc i	3000/udp	HBCI
#		Kurt Haubner <haubner@i bm. net>
# The followi ng	entry records an unassi gned but wi despread use	
remoteware-cl	3000/tcp	RemoteWare Cli ent
remoteware-cl	3000/udp	RemoteWare Cli ent
#		Tim Farley <Ti m. Farl ey@xcel l enet. com>
redwood-broker	3001/tcp	Redwood Broker
redwood-broker	3001/udp	Redwood Broker
#		Joseph Morri son <j oe@powerframe. com>
exl m-agent	3002/tcp	EXLM Agent
exl m-agent	3002/udp	EXLM Agent
#		Randy Marti n <exl moc@cl emson. edu>
# The followi ng	entry records an unassi gned but wi despread use	
remoteware-srv	3002/tcp	RemoteWare Server
remoteware-srv	3002/udp	RemoteWare Server

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#		Tim Farley <Tim.Farley@xcel.lenet.com>
cgms	3003/tcp	CGMS
cgms	3003/udp	CGMS
#		Jim Mazzonna <jmazzonna@ti.scom.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 Spiess <Jakob.Spiess@genius.de>
ii-admin	3006/tcp	Instant Internet Admin
ii-admin	3006/udp	Instant Internet Admin
#		Lewis Donzis <londonzis@nortelnetworks.com>
lotusmap	3007/tcp	Lotus Mail Tracking Agent Protocol
lotusmap	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>
gilatskyurfer	3013/tcp	Gilat Sky Surfer
gilatskyurfer	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
#		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>
agri_server	3021/tcp	AGRI Server
agri_server	3021/udp	AGRI Server
#		Frank Neulichedl <frank@websmile.com>
csregagent	3022/tcp	CSREGAGENT
csregagent	3022/udp	CSREGAGENT
#		Nedelcho Stanev <nstanev@csoft.bg>
maginotes	3023/tcp	maginotes
maginotes	3023/udp	maginotes
#		Karl Edwall <karl@maginotes.com>
nds_sso	3024/tcp	NDS_SSO
nds_sso	3024/udp	NDS_SSO
#		Mel Oylar <mel@novell.com>
arepa-raft	3025/tcp	Arepa Raft
arepa-raft	3025/udp	Arepa Raft
#		Stuart Schaefer <sschaefer@softricity.com>
agri-gateway	3026/tcp	AGRI Gateway
agri-gateway	3026/udp	AGRI Gateway
#		Agri Datalog <contact@agri-datalog.com>
LiebDevMgmt_C	3027/tcp	LiebDevMgmt_C
LiebDevMgmt_C	3027/udp	LiebDevMgmt_C
LiebDevMgmt_DM	3028/tcp	LiebDevMgmt_DM
LiebDevMgmt_DM	3028/udp	LiebDevMgmt_DM

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Li ebDevMgmt_A	3029/tcp	Li ebDevMgmt_A
Li ebDevMgmt_A	3029/udp	Li ebDevMgmt_A
#		Mike Vel ten <Mi ke_Vel ten@Li ebert. com>
arepa-cas	3030/tcp	Arepa Cas
arepa-cas	3030/udp	Arepa Cas
#		Stuart Schaefer <sschaefer@softri ci ty. com>
eppc	3031/tcp	Remote Appl eEvents/PPC Tool box
eppc	3031/udp	Remote Appl eEvents/PPC Tool box
#		Steve Zellers <zellers@appl e. 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 <l atki n@commongrnd. com>
fj sv-gssagt	3035/tcp	FJSV gssagt
fj sv-gssagt	3035/udp	FJSV gssagt
#		Tomoji Koi ke <koi ke@ael . fuj i tsu. co. j p>
hagel -dump	3036/tcp	Hagel DUMP
hagel -dump	3036/udp	Hagel DUMP
#		Haim Gel fenbeyn <hai m@hagel tech. com>
hp-san-mgmt	3037/tcp	HP SAN Mgmt
hp-san-mgmt	3037/udp	HP SAN Mgmt
#		Steve Britt <steve_bri tt@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 <j i mh@i nfowest. com>
tomato-springs	3040/tcp	Tomato Springs
tomato-springs	3040/udp	Tomato Springs
#		Jack Waller III <j ack@tomatospri ngs. com>
di -traceware	3041/tcp	di -traceware
di -traceware	3041/udp	di -traceware
#		Carlos Hung <chung@di gi sl e. net>
journee	3042/tcp	journee
journee	3042/udp	journee
#		Kevin Calman <postmaster@j ournee. com>
brp	3043/tcp	BRP
brp	3043/udp	BRP
#		Greg Gee <ggee@hns. com>
epp	3044/tcp	EndPoi nt Protocol
epp	3044/udp	EndPoi nt Protocol
#		Stephen Ci pol li <sci pol li @radvi si on. com>
responset	3045/tcp	ResponseNet
responset	3045/udp	ResponseNet
#		Chul Yoon <cyoon@responsetnetworks. com>
di -ase	3046/tcp	di -ase
di -ase	3046/udp	di -ase
#		Carlos Hung <chung@di gi sl e. net>
hl server	3047/tcp	Fast Securi ty HL Server
hl server	3047/udp	Fast Securi ty HL Server
#		Michael Zunke <mzunke@fast-ag. de>
pctrader	3048/tcp	Si erra Net PC Trader
pctrader	3048/udp	Si erra Net PC Trader
#		Chris Hahn <chri sh@si erra. net>
nsws	3049/tcp	NSWS
nsws	3049/udp	NSWS
#		Ray Gwi nn <p00321@psi l i nk. com>
gds_db	3050/tcp	gds_db
gds_db	3050/udp	gds_db
#		Madhukar N. Thakur <mthakur@i nterbase. com>
galaxy-server	3051/tcp	Galaxy Server
galaxy-server	3051/udp	Galaxy Server
#		Michael Andre <mandre@gts-tkts. com>
apc-3052	3052/tcp	APC 3052
apc-3052	3052/udp	APC 3052
#		American Power Conversi on <ports@apcc. com>
dsom-server	3053/tcp	dsom-server
dsom-server	3053/udp	dsom-server
#		Daniel Si sk <dani el r. si sk@pnl . gov>
amt-cnfn-prot	3054/tcp	AMT CNF PROT

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amt-cnf-prot	3054/udp	AMT CNF PROT
#		Marco Marcucci <mmarcucci.amtec@interbusiness.it>
policyserver	3055/tcp	Policy Server
policyserver	3055/udp	Policy Server
#		Mark Garti <mgarti@sonusnet.com>
cdl-server	3056/tcp	CDL Server
cdl-server	3056/udp	CDL Server
#		Paul Roberts <Paul.Roberts@engineer.com>
goahead-fl-dup	3057/tcp	GoAhead FIDUp
goahead-fl-dup	3057/udp	GoAhead FIDUp
#		Alan Pickrell <alalp@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@earlhai.com>
interserver	3060/tcp	interserver
interserver	3060/udp	interserver
#		Madhukar N. Thakur <mthakur@interbase.com>
cautcpd	3061/tcp	cautcpd
cautcpd	3061/udp	cautcpd
ncacn-ip-tcp	3062/tcp	ncacn-ip-tcp
ncacn-ip-tcp	3062/udp	ncacn-ip-tcp
ncadg-ip-udp	3063/tcp	ncadg-ip-udp
ncadg-ip-udp	3063/udp	ncadg-ip-udp
#		Gabi Kalmar <kalga01@cai.com>
rprt	3064/tcp	Remote Port Redirector
rprt	3064/udp	Remote Port Redirector
#		Robin Johnston <robinj@learnngtree.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>
fjhpj	3067/tcp	FJHPJP
fjhpj	3067/udp	FJHPJP
#		Ryozo Furutani <furutani@np.ips.cs.fujitsu.co.jp>
ls3bcst	3068/tcp	ls3 Broadcast
ls3bcst	3068/udp	ls3 Broadcast
ls3	3069/tcp	ls3
ls3	3069/udp	ls3
#		Andrei Tsyganenko <atsyganenko@powerware.com>
mgxswtch	3070/tcp	MGXSWTCH
mgxswtch	3070/udp	MGXSWTCH
#		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@sil.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 Danielli <damond@microsoft.com>
orbix-locator	3075/tcp	Orbix 2000 Locator
orbix-locator	3075/udp	Orbix 2000 Locator
orbix-config	3076/tcp	Orbix 2000 Config
orbix-config	3076/udp	Orbix 2000 Config
orbix-loc-ssl	3077/tcp	Orbix 2000 Locator SSL
orbix-loc-ssl	3077/udp	Orbix 2000 Locator SSL
orbix-cfg-ssl	3078/tcp	Orbix 2000 Locator SSL
orbix-cfg-ssl	3078/udp	Orbix 2000 Locator SSL
#		Eric Newcomer <eric.newcomer@iona.com>
lv-frontpanel	3079/tcp	LV Front Panel
lv-frontpanel	3079/udp	LV Front Panel
#		Darshan Shah <darshan.shah@ni.com>
stm_pproc	3080/tcp	stm_pproc
stm_pproc	3080/udp	stm_pproc
#		Paul McGinnis <pmcginnis@server.stmi.com>
tl1-lv	3081/tcp	TL1-LV
tl1-lv	3081/udp	TL1-LV
tl1-raw	3082/tcp	TL1-RAW

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tl1-raw	3082/udp	TL1-RAW
tl1-telnet	3083/tcp	TL1-TELNET
tl1-telnet	3083/udp	TL1-TELNET
#		SONET Internetworking Forum (SIF)
#		<bwarjzman@lucent.com> - SONET Contact
itm-mccs	3084/tcp	ITM-MCCS
itm-mccs	3084/udp	ITM-MCCS
#		Alain Callebaut <ac@itmasters.com>
pcihref	3085/tcp	PCIHReq
pcihref	3085/udp	PCIHReq
#		Paul Sanders <p.sanders@di.al.pipex.com>
jdl-dbkitchen	3086/tcp	JDL-DBKi tchen
jdl-dbkitchen	3086/udp	JDL-DBKi tchen
#		Hi deo Wakabayashi <hiwaka@al.es.or.jp>
asoki-sma	3087/tcp	Asoki SMA
asoki-sma	3087/udp	Asoki SMA
#		Andrew Mossberg <amosberg@asoki.net>
xntp	3088/tcp	eXtensible Data Transfer Protocol
xntp	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>
1ci-smcs	3091/tcp	1Ci Server Management
1ci-smcs	3091/udp	1Ci Server Management
#		Ralf Bensmann <iana@1ci.de>
njfs	3092/tcp	Netware sync services
njfs	3092/udp	Netware sync services
#		Gordon Ross <G.Ross@ccw.gov.uk>
rapi-dmq-center	3093/tcp	Jiiva Rapi dMQ Center
rapi-dmq-center	3093/udp	Jiiva Rapi dMQ Center
rapi-dmq-reg	3094/tcp	Jiiva Rapi dMQ Registry
rapi-dmq-reg	3094/udp	Jiiva Rapi dMQ Registry
#		Mark Ericksen <mark@jiiva.com>
panasas	3095/tcp	Panasas rendezvous port
panasas	3095/udp	Panasas rendezvous port
#		Peter Berger <peterb@panasas.com>
ndl-aps	3096/tcp	Active Print Server Port
ndl-aps	3096/udp	Active Print Server Port
#		Martin Norman <martin@ndl.co.uk>
#	3097/tcp	Reserved
#	3097/udp	Reserved
itu-bicc-stc	3097/sctp	ITU-T Q.1902.1/Q.2150.3
#		Greg Si debottom <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@tel el ogi c.com>
opcon-xps	3100/tcp	OpCon/xps
opcon-xps	3100/udp	OpCon/xps
#		David Bourl and <DBourl and@smausa.com>
hp-pxpib	3101/tcp	HP PolicyXpert PIB Server
hp-pxpib	3101/udp	HP PolicyXpert PIB Server
#		Brian O'Keefe <bokeefe@cnd.hp.com>
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

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personnel	3109/tcp	Personnel protocol
personnel	3109/udp	Personnel protocol
#		William Randolph Royere III
#		<william@royere.net>
sim-control	3110/tcp	simulator control port
sim-control	3110/udp	simulator control port
#		Ian Bell <ianb@arca-technologies.com>
wsynch	3111/tcp	Web Synchronous Services
wsynch	3111/udp	Web Synchronous Services
#		Valery Fremaux <vf@eisti.fr>
ksysguard	3112/tcp	KDE System Guard
ksysguard	3112/udp	KDE System Guard
#		Chris Schlaeger <cs@kde.org>
cs-auth-svr	3113/tcp	CS-Authenticate Svr Port
cs-auth-svr	3113/udp	CS-Authenticate Svr Port
#		Cliff Di amond <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 <mi kedoug@datafoundry.net>
d2000kernel	3119/tcp	D2000 Kernel Port
d2000kernel	3119/udp	D2000 Kernel Port
d2000webserver	3120/tcp	D2000 Webserver Port
d2000webserver	3120/udp	D2000 Webserver Port
#		Tomas Rajcan <trajcan@ipesoft.sk>
#	3121	Unassigned (Removed 2003-09-17)
vtr-emulator	3122/tcp	MTI VTR Emulator port
vtr-emulator	3122/udp	MTI VTR Emulator port
#		John Mertus <mertus@mathtech.com>
edix	3123/tcp	EDI Translation Protocol
edix	3123/udp	EDI Translation Protocol
#		William Randolph Royere III <william@royere.net>
beacon-port	3124/tcp	Beacon Port
beacon-port	3124/udp	Beacon Port
#		James Paul Duncan <pduncan@beaconcrm.com>
a13-an	3125/tcp	A13-AN Interface
a13-an	3125/udp	A13-AN Interface
#		Douglas Knisely <dnk@lucent.com>
ms-dotnetster	3126/tcp	Microsoft .NETster Port
ms-dotnetster	3126/udp	Microsoft .NETster Port
#		Dave Mendlen <davemen@microsoft.com>
ctx-bridge	3127/tcp	CTX Bridge Port
ctx-bridge	3127/udp	CTX Bridge Port
#		Alexander Dubrovsky <dubrovsky_alex@emc.com>
ndl-aas	3128/tcp	Active API Server Port
ndl-aas	3128/udp	Active API Server Port
#		Martin Norman <martin@ndl.co.uk>
netport-id	3129/tcp	NetPort Discovery Port
netport-id	3129/udp	NetPort Discovery Port
#		P. T. K. Farrar <farrarp@teccon.co.uk>
icpv2	3130/tcp	ICPv2
icpv2	3130/udp	ICPv2
#		Duane Wessels <wessels@nl anr.net>
netbookmark	3131/tcp	Net Book Mark
netbookmark	3131/udp	Net Book Mark
#		Yiftach Ravid <yiftach@hai fa.vnet.ibm.com>
ms-rule-engine	3132/tcp	Microsoft Business Rule Engine Update Service
ms-rule-engine	3132/udp	Microsoft Business Rule Engine Update Service
#		Anush Kumar <anushk@microsoft.com>
prism-deploy	3133/tcp	Prism Deploy User Port
prism-deploy	3133/udp	Prism Deploy User Port
#		Joan Linnick <jlinnick@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>

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peerbook-port	3135/tcp	PeerBook Port
peerbook-port	3135/udp	PeerBook Port
#		John Flowers <jf@gi.gamedia.access.com>
grubd	3136/tcp	Grub Server Port
grubd	3136/udp	Grub Server Port
#		Kord Campbell <kord@grub.org>
rtnt-1	3137/tcp	rtnt-1 data packets
rtnt-1	3137/udp	rtnt-1 data packets
rtnt-2	3138/tcp	rtnt-2 data packets
rtnt-2	3138/udp	rtnt-2 data packets
#		Ron Muellerschoen <rjm@cobra.jpl.nasa.gov>
incognitorv	3139/tcp	Incognito Rendez-Vous
incognitorv	3139/udp	Incognito Rendez-Vous
#		Stephane Bourque <stephb@incognito.com>
ariliamulti	3140/tcp	Arilia Multiplexor
ariliamulti	3140/udp	Arilia Multiplexor
#		Stephane Bourque <sbourque@arilia.com>
vmodem	3141/tcp	VMODEM
vmodem	3141/udp	VMODEM
#		Ray Gwinn <p00321@psilink.com>
rdc-wh-eos	3142/tcp	RDC WH EOS
rdc-wh-eos	3142/udp	RDC WH EOS
#		Udi Nir <udi_nir@ncc.co.il>
seaview	3143/tcp	Sea View
seaview	3143/udp	Sea View
#		Jim Flaherty <jim_e_flaherty@notes.seagate.com>
tarantella	3144/tcp	Tarantella
tarantella	3144/udp	Tarantella
#		Roger Binns <rogerb@sco.com>
csi-lfap	3145/tcp	CSI-LFAP
csi-lfap	3145/udp	CSI-LFAP
#		Paul Amsden <amsden@ctron.com>
bears-02	3146/tcp	bears-02
bears-02	3146/udp	bears-02
#		Bruce McKinnon <brucemck@bearsolutions.com.au>
rfio	3147/tcp	RFIO
rfio	3147/udp	RFIO
#		Frederic Hemmer <Frederic.Hemmer@cern.ch>
nm-game-admin	3148/tcp	NetMik Game Administrator
nm-game-admin	3148/udp	NetMik Game Administrator
nm-game-server	3149/tcp	NetMik Game Server
nm-game-server	3149/udp	NetMik Game Server
nm-asses-admin	3150/tcp	NetMik Assessor Administrator
nm-asses-admin	3150/udp	NetMik Assessor Administrator
nm-assessor	3151/tcp	NetMik Assessor
nm-assessor	3151/udp	NetMik Assessor
#		Andrew Sharpe <hel@smartsims.com>
feitianrockey	3152/tcp	Fei Tian Port
feitianrockey	3152/udp	Fei Tian 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>
ccrmi	3154/tcp	ON RMI Registry
ccrmi	3154/udp	ON RMI Registry
#		Ram Sudama <rsudama@on.com>
jpegmpeg	3155/tcp	JpegMpeg Port
jpegmpeg	3155/udp	JpegMpeg Port
#		Richard Bassous <rbassous@yahoo.com>
indura	3156/tcp	Indura Collector
indura	3156/udp	Indura Collector
#		Bruce Kosbab <bruce.kosbab@indurasoft.com>
e3consultants	3157/tcp	CCC Listener Port
e3consultants	3157/udp	CCC Listener Port
#		Brian Carnell <brian@e3consultants.com>
stvp	3158/tcp	SmashTV Protocol
stvp	3158/udp	SmashTV Protocol
#		Christian Wolff <stvp@smash.tv>
navegaweb-port	3159/tcp	NavegaWeb Tarification
navegaweb-port	3159/udp	NavegaWeb Tarification
#		Miguel Angel Fernandez <mafg@tid.es>
tip-app-server	3160/tcp	TIP Application Server
tip-app-server	3160/udp	TIP Application Server
#		Olivier Mascia <om@tipgroup.com>
doc1m	3161/tcp	DOC1 License Manager
doc1m	3161/udp	DOC1 License Manager

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# 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>
qrepos 3166/tcp Quest Repository
qrepos 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>
servervi ew-as 3169/tcp SERVERVI EW-AS
servervi ew-as 3169/udp SERVERVI EW-AS
servervi ew-asn 3170/tcp SERVERVI EW-ASN
servervi ew-asn 3170/udp SERVERVI EW-ASN
servervi ew-gf 3171/tcp SERVERVI EW-GF
servervi ew-gf 3171/udp SERVERVI EW-GF
servervi ew-rm 3172/tcp SERVERVI EW-RM
servervi ew-rm 3172/udp SERVERVI EW-RM
servervi ew-icc 3173/tcp SERVERVI EW-ICC
servervi ew-icc 3173/udp SERVERVI EW-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 <steveg@pa.dec.com>
bmcpatrol agent 3181/tcp BMC Patrol Agent
bmcpatrol agent 3181/udp BMC Patrol Agent
bmcpatrol rnvu 3182/tcp BMC Patrol Rendezvous
bmcpatrol rnvu 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
# Phi vos Aristides <phivos@opendesign.com>
brcm-comm-port 3188/tcp Broadcom Port
brcm-comm-port 3188/udp Broadcom Port

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#		Thomas L. Johnson <tjohnson@broadcom.com>
pcl e-infex	3189/tcp	Pinnacle Sys InfEx Port
pcl e-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-ssl proxy	3191/tcp	ConServR SSL Proxy
csvr-ssl proxy	3191/udp	ConServR SSL Proxy
#		Mikhail Kruk <mkruk@biscam.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@mit.edu>
dmod-workspace	3199/tcp	DMOD WorkSpace
dmod-workspace	3199/udp	DMOD WorkSpace
#		Nick Plante <nplante@dmod.com>
tick-port	3200/tcp	Press-sense Tick Port
tick-port	3200/udp	Press-sense Tick Port
#		Boris Svetlitsky <boris@press-sense.com>
cpq-taskmart	3201/tcp	CPQ-TaskSmart
cpq-taskmart	3201/udp	CPQ-TaskSmart
#		Jackie Lau <jackie.lau@compaq.com>
intra intra	3202/tcp	IntraIntra
intra intra	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>
netwkpathengine	3209/tcp	HP OpenView Network Path Engine Server
netwkpathengine	3209/udp	HP OpenView Network Path Engine Server
#		Anthony Walker <anthony_walker@hp.com>
flamenco-proxy	3210/tcp	Flamenco Networks Proxy
flamenco-proxy	3210/udp	Flamenco Networks Proxy
#		Corey Corrick <corey.corrick@flamenconetworks.com>
avsecuremgmt	3211/tcp	Avocent Secure Management
avsecuremgmt	3211/udp	Avocent Secure Management
#		Brian S. Stewart <Brian.Stewart@Avocent.com>
surveyinst	3212/tcp	Survey Instrument
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

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#
ferrari-foam      3216/tcp      Martin West <Martin.West@spirit-soft.com>
ferrari-foam      3216/udp      Ferrari electronic FOAM
#
#               Johann Deutinger <deutinger@ferrari-electronic.de>
uni te            3217/tcp      Unified IP & Telecomm Env
uni te            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
#
#               RFC-ietf-ips-fcovertcpi-p-12.txt
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      Di amondWave NMS Server
dwnmshhttp      3227/udp      Di amondWave NMS Server
dwmmsgserver    3228/tcp      Di amondWave MSG Server
dwmmsgserver    3228/udp      Di amondWave MSG Server
#
#               Varma Bhupati raju <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      Del ta Solutions Direct
dsn1             3231/udp      Del ta 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
#
#               Mi khai Belov <mi Khai I@mrgold.com> February 2002
mdap-port        3235/tcp      MDAP port
mdap-port        3235/udp      MDAP Port
#
#               Johan Del eu <johan.del eu@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 <fkl assen@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      Sessi on Descri pti on ID

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sdp-i d-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
hi cp	3250/tcp	HMS hi cp port
hi cp	3250/udp	HMS hi cp 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@l.ibm.com>
wi nshadow	3261/tcp	wi nShadow
wi nshadow	3261/udp	wi nShadow
#		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 <gal len@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

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# 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>
verisart 3270/tcp Verisart
verisart 3270/udp Verisart
# 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
# Yukihiiko Sakurai <y-sakurai@ael.fujitsu.co.jp>
sxmlp 3273/tcp Simple Extensible Multiplexed Protocol
sxmlp 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 Crcenis <ec@fc.hp.com>
maxim-asics 3276/tcp Maxim ASICs
maxim-asics 3276/udp Maxim ASICs
# Dave Inman <davei@mxim.com>
awg-proxy 3277/tcp AWG Proxy
awg-proxy 3277/udp AWG Proxy
# Alex McDonald <alexm@an.hp.com>
lkcmserver 3278/tcp LKCM Server
lkcmserver 3278/udp LKCM Server
# Javier Jimenez
admind 3279/tcp admind
admind 3279/udp admind
# Jeff Haynes <haynes@chitech.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@appliance.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 DIRECTV DATA
directvdata 3287/udp DIRECTV DATA
# 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 <joe@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

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fg-fps	3293/udp	fg-fps
fg-gip	3294/tcp	fg-gip
fg-gip	3294/udp	fg-gip
#		Jean-Marc Fraillon <jmf@freegate.net>
dynamiclookup	3295/tcp	Dynamic IP Lookup
dynamiclookup	3295/udp	Dynamic IP Lookup
#		Eugene Osovetsky <eugeneo@geocities.com>
rib-slm	3296/tcp	Rib License Manager
rib-slm	3296/udp	Rib License Manager
#		Kristean Heisler <kh@rib.de>
cytel-lm	3297/tcp	Cytel License Manager
cytel-lm	3297/udp	Cytel License Manager
#		Yogesh P. Gajjar <yogesh@cytel.com>
deskview	3298/tcp	DeskView
deskview	3298/udp	DeskView
#		Manfred Randelzofer
#		<manfred.randelzofer@fujitsu-siemens.com>
pdrncs	3299/tcp	pdrncs
pdrncs	3299/udp	pdrncs
#		Paul Wissenbach <paulwi@vnd.tek.com>
#####	3300-3301	Unauthorized Use by SAP R/3 #####
mcs-fastmail	3302/tcp	MCS Fastmail
mcs-fastmail	3302/udp	MCS Fastmail
#		Patti Jo Newsom <pjn@mcsdallas.com>
opsession-client	3303/tcp	OP Session Client
opsession-client	3303/udp	OP Session Client
opsession-server	3304/tcp	OP Session Server
opsession-server	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@analytika.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>
ai cc-cmi	3316/tcp	AI CC/CMI
ai cc-cmi	3316/udp	AI CC/CMI
#		William McDonald <billmc@atc.boeing.com>
vsai port	3317/tcp	VSAI PORT
vsai port	3317/udp	VSAI PORT
#		Rieko Asai <asai@isl.mei.co.jp>
ssrip	3318/tcp	Switch to Switch Routing Information Protocol
ssrip	3318/udp	Switch to Switch 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@tel tone.com>
vnsstr	3321/tcp	VNSSTR

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vnsstr	3321/udp	VNSSTR
#		Takeshi Ohmura <ohmura@i si . mei . co . jp>
active-net	3322-3325	Active Networks
#		Bob Braden <braden@i si . 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 <lharri s@outl x. 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 <shi vaun_ al bri ght@hp. com>
mcs-calypso-cf	3330/tcp	MCS Calypso ICF
mcs-calypso-cf	3330/udp	MCS Calypso ICF
mcs-messaging	3331/tcp	MCS Messaging
mcs-messaging	3331/udp	MCS Messaging
mcs-mail-svr	3332/tcp	MCS Mail Server
mcs-mail-svr	3332/udp	MCS Mail Server
#		Patti Jo Newsom <pj n@mcsdal las. com>
dec-notes	3333/tcp	DEC Notes
dec-notes	3333/udp	DEC Notes
#		Kim Moraros <moraros@vi a. 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 Ticklers
directv-tick	3336/udp	Direct TV Ticklers
directv-catalog	3337/tcp	Direct TV Data Catalog
directv-catalog	3337/udp	Direct TV Data Catalog
#		Michael Friedman <mfr1@worl dnet. 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 <psahl qvi @sw. sei sy. abb. se>
webtie	3342/tcp	WebTIE
webtie	3342/udp	WebTIE
#		Kevin Frender <kb f@ngdc. noaa. gov>
ms-cluster-net	3343/tcp	MS Cluster Net
ms-cluster-net	3343/udp	MS Cluster Net
#		Mike Massa <mi kemas@mi crossoft. com>
bnt-manager	3344/tcp	BNT Manager
bnt-manager	3344/udp	BNT Manager
#		Brian J. Ives <Bri an. I ves@BadgerNT. com>
influence	3345/tcp	Influence
influence	3345/udp	Influence
#		Russ Ferri day <russf@topi a. com>
trnsprntproxy	3346/tcp	Trnsprnt Proxy
trnsprntproxy	3346/udp	Trnsprnt Proxy
#		Grant Kirby <grant_ ki rby@ccm. al . i ntel . com>
phoenix-rpc	3347/tcp	Phoenix RPC
phoenix-rpc	3347/udp	Phoenix RPC
#		Ian Anderson <i an_ anderson@phoeni x. com>
pangolin-laser	3348/tcp	Pangolin Laser
pangolin-laser	3348/udp	Pangolin Laser
#		William Benner <Wi lli am_ Benner@msn. com>
chevinservices	3349/tcp	Chevin Services
chevinservices	3349/udp	Chevin Services
#		Gus McNaughton <gus@chevi n. com>
findvlatv	3350/tcp	FINDVATV
findvlatv	3350/udp	FINDVATV
#		Oran Davis <oran@8x8. com>
btrieve	3351/tcp	Btrieve port
btrieve	3351/udp	Btrieve port
ssql	3352/tcp	Scalable SQL
ssql	3352/udp	Scalable SQL
#		Chuck Talk <ctal k@pervasi ve. com>

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fatpi pe	3353/tcp	FATPI PE
fatpi pe	3353/udp	FATPI PE
#		Sanchaita Datta <sdatta@ragul a. com>
sui tjd	3354/tcp	SUITJD
sui tjd	3354/udp	SUITJD
#		Todd Moyer <tsm@unx. dec. com>
ordi nox-dbase	3355/tcp	Ordi nox Dbase
ordi nox-dbase	3355/udp	Ordi nox Dbase
#		Guy Li tourneau <gl etourneau@ordi nox. com>
upnoti fyps	3356/tcp	UPNOTI FYPS
upnoti fyps	3356/udp	UPNOTI FYPS
#		Mark Fox <markf@upl anet. com>
adtech-test	3357/tcp	Adtech Test IP
adtech-test	3357/udp	Adtech Test IP
#		Robi n Uyeshi ro <robi n_u@adtech-i nc. com>
mpsysrmsvr	3358/tcp	Mp Sys Rmsvr
mpsysrmsvr	3358/udp	Mp Sys Rmsvr
#		Hi royuki Kawabuchi <buchi @ael . fuj i tsu. co. j p>
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@ci partners. 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@nati nst. com>
creati veserver	3364/tcp	Creati ve Server
creati veserver	3364/udp	Creati ve Server
contentserver	3365/tcp	Content Server
contentserver	3365/udp	Content Server
creati vepartnr	3366/tcp	Creati ve Partner
creati vepartnr	3366/udp	Creati ve Partner
#		Jesus Ortiz <Jesus_A_Ortiz@notes. emoti on. com>
satvi d-datal nk	3367-3371	Satelli te Video Data Li nk
#		Scott Engel <ScottX_Engel @ccm. j f. i ntel . com>
tip2	3372/tcp	TIP 2
tip2	3372/udp	TIP 2
#		Kei th Evans <kei th@oc252. tandem. com>
laveni r-ilm	3373/tcp	Laveni r Li cense Manager
laveni r-ilm	3373/udp	Laveni r Li cense Manager
#		Mari us Mati oc <mari us@l aveni r. com>
cl uster-di sc	3374/tcp	Cl uster Di sc
cl uster-di sc	3374/udp	Cl uster Di sc
#		Jeff Hughes <Jeff. Hughes@col umbi asc. ncr. com>
vsnm-agent	3375/tcp	VSNM Agent
vsnm-agent	3375/udp	VSNM Agent
#		Venkat Rangan <venkatr@vi tal si gns. com>
cdbroker	3376/tcp	CD Broker
cdbroker	3376/udp	CD Broker
#		Moon Ho Chung <mchung@esps. com>
cogsys-ilm	3377/tcp	Cogsys Network Li cense Manager
cogsys-ilm	3377/udp	Cogsys Network Li cense Manager
#		Si mon Chi nni ck <support@cogsys. co. uk>
wsi copy	3378/tcp	WSI COPY
wsi copy	3378/udp	WSI COPY
#		James Overby
socorfs	3379/tcp	SOCORFS
socorfs	3379/udp	SOCORFS
#		Hugo Charbonneau
sns-channel s	3380/tcp	SNS Channel s
sns-channel s	3380/udp	SNS Channel s
#		Shekar Pasumarthi <shekarp@fi rstfl oor. com>
geneous	3381/tcp	Geneous
geneous	3381/udp	Geneous
#		Ni ck de Smi th <ni ck. desmi th@hi stech. com>
fuj i tsu-neat	3382/tcp	Fuj i tsu Network Enhanced Anti theft functi on
fuj i tsu-neat	3382/udp	Fuj i tsu Network Enhanced Anti theft functi on
#		Markku Vi ima <markku. vi ima@team. i cl . se>
esp-ilm	3383/tcp	Enterpri se Software Products Li cense Manager
esp-ilm	3383/udp	Enterpri se Software Products Li cense Manager

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# George Rudy <george@entsoft.com>
hp-cl ic      3384/tcp Cluster Management Servi ces
hp-cl ic      3384/udp Hardware Management
# Raj esh Sri ni vasaraghavan <sraj esh@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 Wil ki nson <cwi lki nson@carreker. com>
cbserver     3388/tcp CB Server
cbserver     3388/udp CB Server
# Allen Wei <Al len_Wei @arborsoft. com>
ms-wbt-server 3389/tcp MS WBT Server
ms-wbt-server 3389/udp MS WBT Server
# Ri tu Bahl <ri tub@mi crosoft. com>
dsc          3390/tcp Di stri buted Servi ce Coordi nator
dsc          3390/udp Di stri buted Servi ce Coordi nator
# Chas Honton <chas@secant. com>
savant       3391/tcp SAVANT
savant       3391/udp SAVANT
# Andy Bruce <frankl in_ yah@yahoo. com>
efi -l m     3392/tcp EFI Li cense Management
efi -l m     3392/udp EFI Li cense Management
# Ross E. Greinke <greinke@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-l m     3395/tcp Dyna Li cense Manager (El am)
dyna-l m     3395/udp Dyna Li cense Manager (El am)
# Anj ana Iyer <anj ana@dyna. com>
printer_agent 3396/tcp Printer Agent
printer_agent 3396/udp Printer Agent
# Devon Taylor <dtaylor@novel l. com>
cloanto-l m  3397/tcp Cloanto Li cense Manager
cloanto-l m  3397/udp Cloanto Li cense Manager
# Takeo Sato <takeo_sato-i ana@cl oanto. com>
mercantile   3398/tcp Mercantile
mercantile   3398/udp Mercantile
# Erik Kragh Jensen <kragh@i net. uni 2. dk>
csms         3399/tcp CSMS
csms         3399/udp CSMS
csms2        3400/tcp CSMS2
csms2        3400/udp CSMS2
# Markus Mi chel s <mmi @cedros. com>
filecast     3401/tcp filecast
filecast     3401/udp filecast
# Eden Sherry <eden@pai r. com>
fxaengi ne-net 3402/tcp FXa Engi ne Network Port
fxaengi ne-net 3402/udp FXa Engi ne Network Port
# Lucas Al onso <l uke@dem i urgestudi os. com> February 2002
copysnap     3403/tcp CopySnap Server Port
copysnap     3403/udp CopySnap Server Port
# Steve Zellers <zellers@basi lsoft. com> February 2002
# Removed (2002-05-01)
noki a-ann-ch1 3405/tcp Noki a Announcement ch 1
noki a-ann-ch1 3405/udp Noki a Announcement ch 1
noki a-ann-ch2 3406/tcp Noki a Announcement ch 2
noki a-ann-ch2 3406/udp Noki a Announcement ch 2
# Morteza Kal hour <Morteza. Kal hour@Noki a. com> February 2002
l dap-admi n  3407/tcp LDAP admi n server port
l dap-admi n  3407/udp LDAP admi n server port
# Stephen Tsun <stsun@cal ient. net> February 2002
i ssapi      3408/tcp POWERpack API Port
i ssapi      3408/udp POWERpack API Port
# Col in Gri ffi ths <col in. gri ffi ths@i nt-l i nk. 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 Bai ley <gbai ley@l xpro. com> February 2002

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biolink-auth	3411/tcp	BioLink Authenticon server
biolink-auth	3411/udp	BioLink Authenticon server
#		BioLink Support <reginfo@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
bci nameservice	3415/tcp	BCI Name Service
bci nameservice	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@motorola.com> February 2002
csvr	3417/tcp	ConServR file translation
csvr	3417/udp	ConServR file translation
#		Albert Leung <al leung@biscam.com> February 2002
rnmap	3418/tcp	Remote nmap
rnmap	3418/udp	Remote nmap
#		Tuomo Maki nen <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@hutchinson3g.com> February 2002
arkivio	3426/tcp	Arkivio Storage Protocol
arkivio	3426/udp	Arkivio Storage Protocol
#		Bruce Greenblatt <bruce@arkivio.com> February 2002
websphere-snmpp	3427/tcp	WebSphere SNMP
websphere-snmpp	3427/udp	WebSphere SNMP
#		Richard Mills <ramills@us.ibm.com> February 2002
twcss	3428/tcp	2Wire CSS
twcss	3428/udp	2Wire CSS
#		2Wire IANA Contact <iana@2wire.com> February 2002
gcsp	3429/tcp	GCSP user port
gcsp	3429/udp	GCSP user port
#		Ani rban Maj umder <maj umderani rban@lycos.com> March 2002
ssdi spatch	3430/tcp	Scott Studios Di spatch
ssdi spatch	3430/udp	Scott Studios Di spatch
#		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 <ndl dev@ndl.co.uk> March 2002
osdcp	3432/tcp	Secure Device Protocol
osdcp	3432/udp	Secure Device Protocol
#		Peter Fernandez <fernandez@omnisec.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

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#		Andreas Schwarz <andi@trancefiel.d.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@criticalink.com> March 2002
ans-console	3440/tcp	Net Steward Mgmt Console
ans-console	3440/udp	Net Steward Mgmt Console
#		John Richmond <developers@securitydesigners.com> March 2002
connect-client	3441/tcp	OC Connect Client
connect-client	3441/udp	OC Connect Client
connect-server	3442/tcp	OC Connect Server
connect-server	3442/udp	OC Connect Server
#		Mike Velten <mike.Velten@liebert.com> March 2002
ov-nnm-websrv	3443/tcp	OpenView Network Node Manager WEB Server
ov-nnm-websrv	3443/udp	OpenView Network Node Manager WEB Server
#		Anthony Walker <anthony_walker@hp.com> March 2002
denali-server	3444/tcp	Denali Server
denali-server	3444/udp	Denali Server
#		Joe Devlin <Joe.Devlin@rocketsoftware.com> March 2002
monp	3445/tcp	Media Object Network
monp	3445/udp	Media Object Network
#		Ron Herardian <rherardi@gssnet.com> March 2002
3comfaxrpc	3446/tcp	3Com FAX RPC port
3comfaxrpc	3446/udp	3Com FAX RPC port
#		Christopher Wells <christopher_wells@3com.com> April 2002
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@omni-bond.com> April 2002
sabp-signal	3452/tcp	SABP-Signalling Protocol
sabp-signal	3452/udp	SABP-Signalling Protocol
#		Brendan McWilliams <brendan.mcwilliams@vf.vodafone.co.uk> April 2002
pscupd	3453/tcp	PSC Update Port
pscupd	3453/udp	PSC Update Port
#		Reid B. Li-gon <reid.li-gon@pscnet.com>
mira	3454/tcp	Apple Remote Access Protocol
#		Mike Alexander <mta@um.cc.umiich.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@picsys.com>
integral	3459/tcp	TIP Integral
integral	3459/udp	TIP Integral
#		Olivier Mascia <om@ti-group.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

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edm-adm-noti fy	3463/udp	EDM ADM Noti fy
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@novadi gm. com>
workfl ow	3466/tcp	WORKFLOW
workfl ow	3466/udp	WORKFLOW
#		Robert Hufsky <rhufsky@csesys. co. at>
rcst	3467/tcp	RCST
rcst	3467/udp	RCST
#		Kit Sturgeon <Ki t@remotectl ol sextoys. com>
tcmremotectl	3468/tcp	TTCM Remote Cntrl
tcmremotectl	3468/udp	TTCM Remote Cntrl
#		Yossi Cohen-Shahar <yossi @proxy. co. il >
pl uri bus	3469/tcp	Pl uri bus
pl uri bus	3469/udp	Pl uri bus
#		Mark Miller <markm@capl et. com>
jt400	3470/tcp	jt400
jt400	3470/udp	jt400
jt400-ssl	3471/tcp	jt400-ssl
jt400-ssl	3471/udp	jt400-ssl
#		Cl ifton Nock <cnock@us. i bm. 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. Cl iff <scl iff@remotec-andros. com> April 2002
ttntspauto	3474/tcp	TSP Automati on
ttntspauto	3474/udp	TSP Automati on
#		Arnie Koster <akoster@tel tone. com> April 2002
geni sar-port	3475/tcp	Geni sar Comm Port
geni sar-port	3475/udp	Geni sar Comm Port
#		Candace Ni ccol son <cni ccol son@geni sar. com> April 2002
nppmp	3476/tcp	NVID IA Mgmt Protocol
nppmp	3476/udp	NVID IA Mgmt Protocol
#		Gi lbert Yeung <gyeung@nvi di a. com> April 2002
ecomm	3477/tcp	eComm link port
ecomm	3477/udp	eComm link port
#		Thomas Soerensen <thomassoerensen@stofanet. dk> April 2002
nat-stun-port	3478/tcp	Simple Traversal of UDP Through NAT (STUN) port
nat-stun-port	3478/udp	Simple Traversal of UDP Through NAT (STUN) port
#		Jonathan Rosenberg <j drosen@dynami csoft. com> April 2002
twrpc	3479/tcp	2Wi re RPC
twrpc	3479/udp	2Wi re RPC
#		2Wi re IANA Contact <i ana@2wi re. com> April 2002
plethora	3480/tcp	Secure Vi rtual Workspace
plethora	3480/udp	Secure Vi rtual Workspace
#		Tim Si mms <tsi mms@pl ethoratech. com> April 2002
cleanerli verc	3481/tcp	CleanerLi ve remote ctrl
cleanerli verc	3481/udp	CleanerLi ve remote ctrl
#		Davi d Moj dehi <davi d. moj dehi @autodesk. com> April 2002
vul ture	3482/tcp	Vul ture Moni toring System
vul ture	3482/udp	Vul ture Moni toring System
#		Jason Santos <jason. santos@megasl ow. net> April 2002
sl im-devi ces	3483/tcp	Sl im Devi ces Protocol
sl im-devi ces	3483/udp	Sl im Devi ces Protocol
#		Sean Adams <sean@sl imdevi ces. com> May 2002
gbs-stp	3484/tcp	GBS SnapTal k Protocol
gbs-stp	3484/udp	GBS SnapTal k Protocol
#		Eric Harri s-Braun <eri c@gl assbead. com> May 2002
cel atal k	3485/tcp	Cel aTal k
cel atal k	3485/udp	Cel aTal k
#		Carl Bl undel l <cbl undel l@cel ador. co. uk> May 2002
i fsf-hb-port	3486/tcp	I FSF Heartbeat Port
i fsf-hb-port	3486/udp	I FSF Heartbeat Port
#		I FSF Secretary <secretary@i fsf. org> May 2002
l tctcp	3487/tcp	LISA TCP Transfer Channel
l tcupd	3487/udp	LISA UDP Transfer Channel
#		Pi t Vetteri ck <pi t@3dgo. com> May 2002
fs-rh-srv	3488/tcp	FS Remote Host Server
fs-rh-srv	3488/udp	FS Remote Host Server
#		Bri an Ni ckl es <RogueSpear91@hotmail. com> May 2002
dtp-di a	3489/tcp	DTP/DIA
dtp-di a	3489/udp	DTP/DIA
#		Al exei V. Sol ovi ev <avsol ov@l ab127. karel i a. ru> May 2002

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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@isisglabal.nl> May 2002
nut	3493/tcp	Network UPS Tools
nut	3493/udp	Network UPS Tools
#		Russell Kroll <nut-iana@explots.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 <luefgen@ipc.as.de> May 2002
dashpas-port	3498/tcp	DASHPAS user port
dashpas-port	3498/udp	DASHPAS user port
#		Albrecht Mayer <albrecht.mayer@nfi.neon.com> May 2002
sccip-media	3499/tcp	SccIP Media
sccip-media	3499/udp	SccIP Media
#		David Yon <dylon@di.al.out.net> May 2002
rtmp-port	3500/tcp	RTMP Port
rtmp-port	3500/udp	RTMP Port
#		Miriam Wohlgernter <miriamw@adirttech.com>
isoft-p2p	3501/tcp	iSoft-P2P
isoft-p2p	3501/udp	iSoft-P2P
#		David Walling <dwalling@isoft.com>
avinсталdisc	3502/tcp	Avocent Install Discovery
avinсталdisc	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 <clermonte@4xtechnologies.com>
ccmcomm	3505/tcp	CCM communications port
ccmcomm	3505/udp	CCM communications port
#		Tom Bougan <tomb@apptechsys.com>
apc-3506	3506/tcp	APC 3506
apc-3506	3506/udp	APC 3506
#		American Power Conversion <ports@apcc.com>
nesh-broker	3507/tcp	Nesh Broker Port
nesh-broker	3507/udp	Nesh Broker Port
#		Jeremy Maiden <jeremy@komarr.demon.co.uk>
interactionweb	3508/tcp	Interaction Web
interactionweb	3508/udp	Interaction Web
#		Mike Gagale <mikeg@ini.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
#		Dimetris Michelnakis <dimetris@michelnakis.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	Adaptec Remote Protocol
arcpd	3513/udp	Adaptec Remote Protocol
#		Hardy Doelfel <hardy_doelfel@adaptec.com> May 2002
must-p2p	3514/tcp	MUST Peer to Peer
must-p2p	3514/udp	MUST Peer to Peer
must-backplane	3515/tcp	MUST Backplane
must-backplane	3515/udp	MUST Backplane
#		Rick Stefani <r.stefani@gatelnx.com> May 2002

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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 <mspark@telquip-labs.com> June 2002
nsocketport	3522/tcp	DO over NSSocketPort
nsocketport	3522/udp	DO over NSSocketPort
#		Douglas Davidson <drd@apple.com> June 2002
odeumserverlink	3523/tcp	Odeum ServerLink
odeumserverlink	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 Reverbél <reverbél@ime.usp.br> June 2002
gf	3530/tcp	Grid Friendly
gf	3530/udp	Grid Friendly
#		Dai vd P. Chassin <david.chassin@pnl.gov> June 2002
joltid	3531/tcp	Joltid
joltid	3531/udp	Joltid
#		Ahti Heinla <ahti@ahti.bluesmoon.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.le@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 <igor@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

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# 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 Zhi ganov <zed@dfc3300.karelia.ru> July 2002
# Unassigned (removed September 2002)
symantec-sim 3546 Symantec SIM
symantec-sim 3547/tcp Symantec SIM
symantec-sim 3547/udp Symantec SIM
# George Dzi eci ol <gdzi eci ol@symantec.com> July 2002
interworld 3548/tcp Interworld
interworld 3548/udp Interworld
# John Stephen <i ana@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 <ri ccardo@i netcosmos.org> July 2002
taser 3552/tcp TeamAgenda Server Port
taser 3552/udp TeamAgenda Server Port
# Dany Ayotte <ayotte@teamsoft.com> July 2002
rbr-discovery 3553/tcp Red Box Recorder ADP
rbr-discovery 3553/udp Red Box Recorder ADP
# Simon Jolly <si mon.j olly@ori gi n-data.co.uk> July 2002
questnotify 3554/tcp Quest Notifi cation Server
questnotify 3554/udp Quest Notifi cation Server
# Rob Griffi n <quest_i ana@oz.quest.com> July 2002
razor 3555/tcp Vi pul 's Razor
razor 3555/udp Vi pul 's Razor
# Vi pul Ved Prakash <mai l@vi pul .net> July 2002
sky-transport 3556/tcp Sky Transport Protocol
sky-transport 3556/udp Sky Transport Protocol
# Mi chael Paddon <mi chael .paddon@acti vesky.com> July 2002
personalos-001 3557/tcp Personal OS Comm Port
personalos-001 3557/udp Personal OS 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 <rl yons@vi con-cctv.com> July 2002
ini serve-port 3560/tcp INI Serve port
ini serve-port 3560/udp INI Serve port
# Peter Moylan <peter@ee.newcastle.edu.au> August 2002
bmc-onekey 3561/tcp BMC-OneKey
bmc-onekey 3561/udp BMC-OneKey
# Al on Tam <al on_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@i anywhere.com>
esi mport 3564/tcp Electromed SIM port
esi mport 3564/udp Electromed SIM port
# Francois Marchand <fran coi s.marchand@el ectromed.com> August 2002
m2pa 3565/tcp M2PA
m2pa 3565/sctp M2PA
# Tom George <Tom.George@al catel .com> May 2002
quest-launcher 3566/tcp Quest Agent Manager
quest-launcher 3566/udp Quest Agent Manager
# Eyal Kal deron <eyal .kal deron@quest.com> April 2002
emware-oft 3567/tcp emWare OFT Servi ces
emware-oft 3567/udp emWare OFT Servi ces
# Bryant Eastham <beastham@emware.com> August 2002
emware-epss 3568/tcp emWare EMI T/Secure
emware-epss 3568/udp emWare EMI T/Secure

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#		Bryant Eastham <beastham@emware.com> January 2003
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 Hawkison <chawkison@coalere.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@clabsms.de> August 2002
empri se-lls	3585/tcp	Empri se License Server
empri se-lls	3585/udp	Empri se License Server
empri se-lsc	3586/tcp	License Server Console
empri se-lsc	3586/udp	License Server Console
#		James J. Diaz <JDiaz@Empri seCorporati on.com> August 2002
p2pgroup	3587/tcp	Peer to Peer Grouping
p2pgroup	3587/udp	Peer to Peer Grouping
#		Igor Kostic <igor@mi crosoft.com> August 2002
sentinel	3588/tcp	Sentinel Server
sentinel	3588/udp	Sentinel Server
#		Ian Gordon <i an. s. gordon@btopenworl d.com> August 2002
isomair	3589/tcp	isomair
isomair	3589/udp	isomair
#		Richard Fleming <ri chard@apoapsi s.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 @noki a.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@locani s.com> August 2002
bpmd	3593/tcp	BP Model Debugger
bpmd	3593/udp	BP Model Debugger
#		Keith Fligg <kei th@proj tech.com> September 2002
medi aspace	3594/tcp	Medi aSpace
medi aspace	3594/udp	Medi aSpace
shareapp	3595/tcp	ShareApp
shareapp	3595/udp	ShareApp
#		Jeff King <jki ng@wave3software.com> September 2002
i w-mmogame	3596/tcp	III usi on Wi rel ess MMOG

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i w-mmogame	3596/udp	Illusion Wi reless MMOG
#		Jan Vrski nsky <jan.vrski nsky@i l l u s i o n s o f t w o r k s . c o m> 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@qual comm. com> September 2002
quasar-server	3599/tcp	Quasar Accounting Server
quasar-server	3599/udp	Quasar Accounting Server
#		Brad Pepers <brad@l i n u x c a n a d a . c o m> September 2002
trap-daemon	3600/tcp	text relay-answer
trap-daemon	3600/udp	text relay-answer
#		John Willis <jwillis@ari el usa. com> September 2002
visinet-gui	3601/tcp	Visinet Gui
visinet-gui	3601/udp	Visinet Gui
#		Jeff Douglass <i st@att. net> September 2002
infini swi tchcl	3602/tcp	Infini Swi tch Mgr Client
infini swi tchcl	3602/udp	Infini Swi tch Mgr Client
#		Lee VanTine <l v a n t i n e @ i n f i n i s w i t c h . c o m> 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-j mx-port	3604/tcp	BMC JMX Port
bmc-j mx-port	3604/udp	BMC JMX Port
#		Mike Behne <M i k e _ B e h n e @ b m c . c o m> September 2002
comcam-io	3605/tcp	ComCam IO Port
comcam-io	3605/udp	ComCam IO Port
#		Don Gilbreath <d o n @ c o m c a m . n e t> September 2002
spl i t l o c k	3606/tcp	Splitlock Server
spl i t l o c k	3606/udp	Splitlock Server
#		Andrew Tune <Andrew. Tune@spl i t l o c k . c o m> September 2002
precise-i 3	3607/tcp	Precise I3
precise-i 3	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 -pi das-cm	3609/tcp	CPDI PIDAS Connection Mon
cpdi -pi das-cm	3609/udp	CPDI PIDAS Connection Mon
#		Tony Splaver <tony@cpdi. com> September 2002
echonet	3610/tcp	ECHONET
echonet	3610/udp	ECHONET
#		Takeshi Sai to <takeshi . sai to@toshi ba. co. j p> September 2002
six-degrees	3611/tcp	Six Degrees Port
six-degrees	3611/udp	Six Degrees Port
#		Dan Hansen <dhanse@di mensi onal . com> September 2002
hp-dataprotect	3612/tcp	HP Data Protector
hp-dataprotect	3612/udp	HP Data Protector
#		Stephen Gold <stephen_gol d@hp. com> September 2002
al aris-di sc	3613/tcp	Al aris Device Di scovery
al aris-di sc	3613/udp	Al aris Device Di scovery
#		Chris McAllen <cmcal len@al arismed. com> October 2002
sigma-port	3614/tcp	Invensys Sigma Port
sigma-port	3614/udp	Invensys Sigma Port
#		Dr. Saj ed Husei n <saj ed. husei n@i nvensys. com> October 2002
start-network	3615/tcp	Start Messaging Network
start-network	3615/udp	Start Messaging Network
#		Peter Rocca <rocca@mul ti board. com> October 2002
cd3o-protocol	3616/tcp	cd3o Control Protocol
cd3o-protocol	3616/udp	cd3o Control Protocol
#		Chris Wilcox <cwi lcox@cd3o. com> October 2002
sharp-server	3617/tcp	ATI SHARP Logi c Engi ne
sharp-server	3617/udp	ATI SHARP Logi c Engi ne
#		Bill Revei le <Bi l l @al l entek. com>
aai rnet-1	3618/tcp	AAIR-Network 1
aai rnet-1	3618/udp	AAIR-Network 1
aai rnet-2	3619/tcp	AAIR-Network 2
aai rnet-2	3619/udp	AAIR-Network 2
#		James Meal ey <j ymeal ey@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. Mi noru3@exc. epson. co. j p> October 2002
ff-lr-port	3622/tcp	FF LAN Redundancy Port
ff-lr-port	3622/udp	FF LAN Redundancy Port

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#		Fieldbus Foundation <dave.glazier@fieldbus.org> October 2002
haipe-discover	3623/tcp	HAIPI S Dynamic Discovery
haipe-discover	3623/udp	HAIPI S 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
bvcd daemon-port	3626/tcp	bvControl Daemon
bvcd daemon-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 <easymp@exc.epson.co.jp> October 2002
cs-remote-db	3630/tcp	C&S Remote Database Port
cs-remote-db	3630/udp	C&S Remote Database Port
cs-services	3631/tcp	C&S Web Services Port
cs-services	3631/udp	C&S Web Services Port
#		Computer Software GmbH <BrunoRistok@cs-ag.de> October 2002
distcc	3632/tcp	distributed compiler
distcc	3632/udp	distributed compiler
#		Martin Pool <mbp@samba.org> November 2002
wacp	3633/tcp	Wyrnix AIS port
wacp	3633/udp	Wyrnix AIS port
#		Harry T. Vennik <htvennik@zonnet.nl> November 2002
hlibmgr	3634/tcp	hNTSP Library Manager
hlibmgr	3634/udp	hNTSP Library Manager
#		Kenji Tetsuyama <kenji@onkyo.co.jp> November 2002
sdo	3635/tcp	Simple Distributed Objects
sdo	3635/udp	Simple Distributed Objects
#		Alexander Philippou <alex@noemax.com> November 2002
opscenter	3636/tcp	OpsCenter
opscenter	3636/udp	OpsCenter
#		Ralph Campbell <ralph.campbell@xasystems.com> November 2002
scservp	3637/tcp	Customer Service Port
scservp	3637/udp	Customer Service Port
#		Jonathan A. Zdziarski <johathan@networkdweebs.com> November 2002
ehp-backup	3638/tcp	EHP Backup Protocol
ehp-backup	3638/udp	EHP Backup Protocol
#		Ed Fair <ed_fair@yahoo.com> November 2002
xap-ha	3639/tcp	Extensible Automation
xap-ha	3639/udp	Extensible Automation
#		Mark Harrison <Mark@xapautomation.org> November 2002
netplay-port1	3640/tcp	Netplay Port 1
netplay-port1	3640/udp	Netplay Port 1
netplay-port2	3641/tcp	Netplay Port 2
netplay-port2	3641/udp	Netplay Port 2
#		Predrag Filipovic <pfilipovic@digital5.com> November 2002
juxml-port	3642/tcp	Juxml Replication port
juxml-port	3642/udp	Juxml Replication port
#		Colin Reid <creid@projux.com> November 2002
audiougger	3643/tcp	AudioJugger
audiougger	3643/udp	AudioJugger
#		Morten Mertner <mm@audiougger.com> November 2002
ssowatch	3644/tcp	ssowatch
ssowatch	3644/udp	ssowatch
#		Stephane Vinsot <vinsot@enatel.com> November 2002
cyc	3645/tcp	Cyc
cyc	3645/udp	Cyc
#		Stephen Reed <reed@cyc.com> January 2003
xss-srv-port	3646/tcp	XSS Server Port
xss-srv-port	3646/udp	XSS Server Port
#		Joe Purcell <jpurcell@ensuretech.com> January 2003
splitlock-gw	3647/tcp	Splitlock Gateway
splitlock-gw	3647/udp	Splitlock Gateway
#		Andrew Tune <Andrew.Tune@splitlock.com> January 2003
fjcp	3648/tcp	Fujitsu Cooperation Port
fjcp	3648/udp	Fujitsu Cooperation Port

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#		Kouji Sugi sawa <sugi sawa.kouji@soft.fujitsu.com> January 2003
nmp	3649/tcp	Ni shi oka Mi yuki Msg Protocol
nmp	3649/udp	Ni shi oka Mi yuki Msg Protocol
#		TAKEDA Hi royuki <takeda@atashi.net> January 2003
pri smi q-pl ugi n	3650/tcp	PRI SMI Q VOD pl ug-i n
pri smi q-pl ugi n	3650/udp	PRI SMI Q VOD pl ug-i n
#		Richard Hodges <rhodges@pri smi q.com> January 2003
xrpc-regi stry	3651/tcp	XRPC Regi stry
xrpc-regi stry	3651/udp	XRPC Regi stry
#		Sl ava Moni ch <Sl ava.Monich@noki a.com> January 2003
vxc rnbuport	3652/tcp	VxCR NBU Defaul t Port
vxc rnbuport	3652/udp	VxCR NBU Defaul t Port
#		Bori s Star <bori s.star@veri tas.com> January 2003
tsp	3653/tcp	Tunnel Setup Protocol
tsp	3653/udp	Tunnel Setup Protocol
#		Marc Bl anchet <Marc.Bl anchet@vi ageni e.qc.ca> January 2003
vaprtm	3654/tcp	VAP Real Ti me Messenger
vaprtm	3654/udp	VAP Real Ti me Messenger
#		Bori s Polevoy <vapcom@mail.ru> January 2003
abatmgr	3655/tcp	Acti veBatch Exec Agent
abatmgr	3655/udp	Acti veBatch Exec Agent
abatj ss	3656/tcp	Acti veBatch Job Schedul er
abatj ss	3656/udp	Acti veBatch Job Schedul er
#		Ben Rosenberg <brosenberg@advsyscon.com> January 2003
i mmedi anet-bcn	3657/tcp	Immedi aNet Beacon
i mmedi anet-bcn	3657/udp	Immedi aNet Beacon
#		Bi ll Homan <bhoman@spanworks.com> January 2003
ps-ams	3658/tcp	Pl ayStati on AMS (Secure)
ps-ams	3658/udp	Pl ayStati on AMS (Secure)
#		Edgar Al an Tu <Edgar_Tu@pl aystati on.sony.com> January 2003
appl e-sasl	3659/tcp	Appl e SASL
appl e-sasl	3659/udp	Appl e SASL
#		David M. O' Rourke <daveo@appl e.com> January 2003
can-nds-ssl	3660/tcp	Candl e Di rectory Servi ces usi ng SSL
can-nds-ssl	3660/udp	Candl e Di rectory Servi ces usi ng SSL
can-ferret-ssl	3661/tcp	Candl e Di rectory Servi ces usi ng SSL
can-ferret-ssl	3661/udp	Candl e Di rectory Servi ces usi ng SSL
#		Ni c Catrambone <Ni c_Catrambond@candl e.com> January 2003
pserver	3662/tcp	pserver
pserver	3662/udp	pserver
#		Patri ck Furl ong <pfurl ong@darkkni ght.ca> January 2003
dtp	3663/tcp	DI RECWAY Tunnel Protocol
dtp	3663/udp	DI RECWAY Tunnel Protocol
#		Greg Gee <ggee@hns.com> January 2003
ups-engi ne	3664/tcp	UPS Engi ne Port
ups-engi ne	3664/udp	UPS Engi ne Port
ent-engi ne	3665/tcp	Enterpri se Engi ne Port
ent-engi ne	3665/udp	Enterpri se Engi ne Port
#		Mi ke Del grosso <mdel gros@tri ppl i te.com> January 2003
eserver-pap	3666/tcp	IBM eServer PAP
eserver-pap	3666/udp	IBM EServer PAP
#		Dave Gi mpl <gi mpl@us.ibm.com> January 2003
i nfoexch	3667/tcp	IBM Informati on Exchange
i nfoexch	3667/udp	IBM Informati on Exchange
#		Paul Ford-Hutchi nson <paul fordh@uk.ibm.com> January 2003
dell -rm-port	3668/tcp	Dell Remote Management
dell -rm-port	3668/udp	Dell Remote Management
#		Bradl ey Bransom <bradl ey_bransom@dell.com> January 2003
casanswmgmt	3669/tcp	CA SAN Swi tch Management
casanswmgmt	3669/udp	CA SAN Swi tch Management
#		Emre Tunar <emre.tunar@ca.com> January 2003
smi le	3670/tcp	SMI LE TCP/UDP Interface
smi le	3670/udp	SMI LE TCP/UDP Interface
#		Andre Petras <A_Petras@web.de> January 2003
efcp	3671/tcp	e Fi eld Control (EI Bnet)
efcp	3671/udp	e Fi eld Control (EI Bnet)
#		Marc Goossens <mgoossens@ei ba.com> January 2003
lispworks-orb	3672/tcp	Li spWorks ORB
lispworks-orb	3672/udp	Li spWorks ORB
#		Li sp Support <li sp-support@xanal ys.com>
medi avaul t-gui	3673/tcp	Openvi ew Medi a Vault GUI
medi avaul t-gui	3673/udp	Openvi ew Medi a Vault GUI
#		Stephen Gold <stephen_gol d@hp.com> January 2003
wi ni nstal l -i pc	3674/tcp	Wi ni NSTALL IPC Port
wi ni nstal l -i pc	3674/udp	Wi ni NSTALL IPC Port
#		Bi ll Somervi l l e <Bi ll .Somervi l l e@OnDemandSoftware.com> January

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2003		
calltrax	3675/tcp	CallTrax Data Port
calltrax	3675/udp	CallTrax Data Port
#		Oliver Bailey <zzf66jlm@time-lines.com> January 2003
va-pacbase	3676/tcp	VisualAge Pacbase server
va-pacbase	3676/udp	VisualAge Pacbase server
#		Dominique Lelievre <dominique.lelievre@fr.ibm.com> January 2003
roverlog	3677/tcp	RoverLog IPC
roverlog	3677/udp	RoverLog IPC
#		Tom Mayo <tmayo1@rochester.rr.com> January 2003
ipr-dgl t	3678/tcp	DataGuardianLT
ipr-dgl t	3678/udp	DataGuardianLT
#		Bruce Carlson <bruce.carlson@iprintl.com> January 2003
newton-dock	3679/tcp	Newton Dock
newton-dock	3679/udp	Newton Dock
npds-tracker	3680/tcp	NPDS Tracker
npds-tracker	3680/udp	NPDS Tracker
#		Paul Guyot <pguyot@kallisys.net> January 2003
bts-x73	3681/tcp	BTS X73 Port
bts-x73	3681/udp	BTS X73 Port
#		Todd Cooper <todd@D011073.com> January 2003
cas-mapi	3682/tcp	EMC SmartPackets-MAPI
cas-mapi	3682/udp	EMC SmartPackets-MAPI
#		Koen Schoofs <schoofs_koen@emc.com> January 2003
bmc-ea	3683/tcp	BMC EDV/EA
bmc-ea	3683/udp	BMC EDV/EA
#		Jeffrey Glanz <jeffrey_glanz@bmc.com> January 2003
faxstfx-port	3684/tcp	FAXstfX
faxstfx-port	3684/udp	FAXstfX
#		Alec Carlson <acarlson@smithicro.com> January 2003
dsx-agent	3685/tcp	DS Expert Agent
dsx-agent	3685/udp	DS Expert Agent
#		NetPro Computing <ports@netpro.com> January 2003
tnmpv2	3686/tcp	Trivial Network Management
tnmpv2	3686/udp	Trivial Network Management
#		Andrea Premoli <Andrea_maria.Premoli@icn.siemens.it> January 2003
simple-push	3687/tcp	simple-push
simple-push	3687/udp	simple-push
simple-push-s	3688/tcp	simple-push Secure
simple-push-s	3688/udp	simple-push Secure
#		C. Enrique Ortiz <eortiz@2medevelop.com> January 2003
daap	3689/tcp	Digital Audio Access Protocol
daap	3689/udp	Digital Audio Access Protocol
#		Amandeep Jawa <daap@apple.com> January 2003
svn	3690/tcp	Subversion
svn	3690/udp	Subversion
#		Greg Hudson <ghudson@mit.edu> January 2003
magaya-network	3691/tcp	Magaya Network Port
magaya-network	3691/udp	Magaya Network Port
#		Jesus David Rodriguez <jesusdavid@magaya.com> February 2003
intel sync	3692/tcp	Brimstone Intel Sync
intel sync	3692/udp	Brimstone Intel Sync
#		Davey Taylor <davey.taylor@brimstone.net> February 2003
gttp	3693/tcp	GTTP
gttp	3693/udp	GTTP
vpntpp	3694/tcp	VPN Token Propagation Protocol
vpntpp	3694/udp	VPN Token Propagation Protocol
#		Ronald P. Bonica <Ronald.P.Bonica@mci.com> February 2003
bmc-data-col l	3695/tcp	BMC Data Collection
bmc-data-col l	3695/udp	BMC Data Collection
#		Randall De Weerd <rdeweerd@bmc.com> February 2003
telnetcpd	3696/tcp	Telnet Com Port Control
telnetcpd	3696/udp	Telnet Com Port Control
#		Thomas J. Pinkl <tom@pinkl.com> February 2003
nw-license	3697/tcp	Navi sWorks License System
nw-license	3697/udp	Navi sWorks License System
#		Tim Wiegand <tim.wiegand@naviworks.com> February 2003
sagectl panel	3698/tcp	SAGECTLPANEL
sagectl panel	3698/udp	SAGECTLPANEL
#		Mark Gamble <mark.gamble@sage.com> February 2003
kpn-icw	3699/tcp	Internet Call Waiting
kpn-icw	3699/udp	Internet Call Waiting
#		B. J. Kortekaas <b.j.kortekaas@kpn.com> February 2003
lrs-paging	3700/tcp	LRS NetPage
lrs-paging	3700/udp	LRS NetPage
#		Geoffrey Wossum <geoffrey@pager.net> February 2003

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netcel era	3701/tcp	NetCel era
netcel era	3701/udp	NetCel era
#		Tarek Nabhan <standards@i tworx. com> February 2003
upnp-di scovery	3702/tcp	UPNP v2 Di scovery
upnp-di scovery	3702/udp	UPNP v2 Di scovery
#		Christi an Hui tema <hui tema@mi crosoft. com> February 2003
adobeserver-3	3703/tcp	Adobe Server 3
adobeserver-3	3703/udp	Adobe Server 3
adobeserver-4	3704/tcp	Adobe Server 4
adobeserver-4	3704/udp	Adobe Server 4
adobeserver-5	3705/tcp	Adobe Server 5
adobeserver-5	3705/udp	Adobe Server 5
#		Frank Soetebeer <frsoeteb@adobe. com> January 2003
rt-event	3706/tcp	Real -Ti me Event Port
rt-event	3706/udp	Real -Ti me Event Port
rt-event-s	3707/tcp	Real -Ti me Event Secure Port
rt-event-s	3707/udp	Real -Ti me Event Secure Port
#		Terry Gi n <terry_gi n@i nter-tel . com> February 2003
#	3708	Unassi gned
ca-i dms	3709/tcp	CA-IDMS Server
ca-i dms	3709/udp	CA-IDMS Server
#		Dave Ross <davi d. ross@ca. com>
portgate-auth	3710/tcp	PortGate Authenti cati on
portgate-auth	3710/udp	PortGate Authenti cati on
#		Scott Harris <Scott@XRamp. com> February 2003
edb-server2	3711/tcp	EBD Server 2
edb-server2	3711/udp	EBD Server 2
#		Carlos Portel a <cportel a@si mpl e-sw. com> February 2003
senti nel -ent	3712/tcp	Senti nel Enterpri se
senti nel -ent	3712/udp	Senti nel Enterpri se
#		Ian Gordon <i an@n-genl td. co. uk> March 2003
tftps	3713/tcp	TFTP over TLS
tftps	3713/udp	TFTP over TLS
#		Mark mayerni ck <Mark. Mayerni ck@thomson. net> March 2003
del os-dms	3714/tcp	DEL0S Di rect Messagi ng
del os-dms	3714/udp	DEL0S Di rect Messagi ng
#		Ekkehard Morgenstern <fl nca@gmx. de> March 2003
anoto-rendezv	3715/tcp	Anoto Rendezvous Port
anoto-rendezv	3715/udp	Anoto Rendezvous Port
#		Ol a Sandstrom <ol a. sandstrom@anoto. com> March 2003
wv-csp-sms-ci r	3716/tcp	WV CSP SMS CIR Channel
wv-csp-sms-ci r	3716/udp	WV CSP SMS CIR Channel
wv-csp-udp-ci r	3717/tcp	WV CSP UDP/IP CIR Channel
wv-csp-udp-ci r	3717/udp	WV CSP UDP/IP CIR Channel
#		Jon Ingi Ingi mundarson <jii @oz. com> March 2003
opus-servi ces	3718/tcp	OPUS Server Port
opus-servi ces	3718/udp	OPUS Server Port
#		Detlef Stoeber <mai l@i votec. com> March 2003
i tel serverport	3719/tcp	i Tel Server Port
i tel serverport	3719/udp	i Tel Server Port
#		Mark Hendricks <markah@copper. net> March 2003
ufastro-i nstr	3720/tcp	UF Astro. Instr. Servi ces
ufastro-i nstr	3720/udp	UF Astro. Instr. Servi ces
#		David B. Hon <hon@astro. ufl . edu> March 2003
xsync	3721/tcp	Xsync
xsync	3721/udp	Xsync
xserverai d	3722/tcp	Xserve RAID
xserverai d	3722/udp	Xserve RAID
#		Bob Bradl ey <bradl ey@appl e. com> March 2003
sychron d	3723/tcp	Sychron Servi ce Daemon
sychron d	3723/udp	Sychron Servi ce Daemon
#		Robert Mari nell i <bob@sychron. com> March 2003
battl enet	3724/tcp	Bl izzard Battl enet
battl enet	3724/udp	Bl izzard Battl enet
#		Adri an Luff <al uff@bl izzard. com> March 2003
na-er-ti p	3725/tcp	Neti a NA-ER Port
na-er-ti p	3725/udp	Neti a NA-ER Port
#		Jean-Pi erre Garci a <j. p. garci a@neti a. net> Apri l 2003
array-manager	3726/tcp	Xyratex Array Manager
array-manager	3726/udp	Xyartex Array Manager
#		David A. Lethe <davi d_l ethe@us. xyratex. com> Apri l 2003
e-mdu	3727/tcp	Ericsson Mobi le Data Uni t
e-mdu	3727/udp	Ericsson Mobi le Data Uni t
e-woa	3728/tcp	Ericsson Web on Ai r
e-woa	3728/udp	Ericsson Web on Ai r
#		Marco Casol e <marco. casol e@eri csson. com> Apri l 2003

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fksp-audit	3729/tcp	Fireking Audit Port
fksp-audit	3729/udp	Fireking Audit Port
#		Richard Thurman <richt@fireking.com> April 2003
client-ctrl	3730/tcp	Client Control
client-ctrl	3730/udp	Client Control
#		Lawrence W. Dunn <larrydunn@aptcomp.com> April 2003
smap	3731/tcp	Service Manager
smap	3731/udp	Service Manager
m-wnn	3732/tcp	Mobile Wnn
m-wnn	3732/udp	Mobile Wnn
#		Yasunari Yamashita <yamashita@omronsoft.co.jp> April 2003
multi-p-msg	3733/tcp	Multipuesto Msg Port
multi-p-msg	3733/udp	Multipuesto Msg Port
#		Felisa Ares <faa06@tid.es> April 2003
synel-data	3734/tcp	Synel Data Collection Port
synel-data	3734/udp	Synel Data Collection Port
#		David Ashkenazi <david@synel.co.il> April 2003
pwdis	3735/tcp	Password Distribution
pwdis	3735/udp	Password Distribution
#		Robert Erl <roerl@web.de> April 2003
rs-rmi	3736/tcp	Real Space RMI
rs-rmi	3736/udp	Real Space RMI
#		Barry McDarby <real-space@starwolf.biz> April 2003
#	3737	Unassigned (Removed 2003-02-26)
versatalk	3738/tcp	versaTalk Server Port
versatalk	3738/udp	versaTalk Server Port
#		Dr. Kingsley C. Nwosu <knwosu@aglowmail.com> April 2003
launchbird-lm	3739/tcp	Launchbird LicenseManager
launchbird-lm	3739/udp	Launchbird LicenseManager
#		Tom Hawkins <tom1@launchbird.com> April 2003
heartbeat	3740/tcp	Heartbeat Protocol
heartbeat	3740/udp	Heartbeat Protocol
#		Jeroen Massar <jeroen@unfix.org> April 2003
wysdma	3741/tcp	WysDM Agent
wysdma	3741/udp	WysDM Agent
#		Jim McDonald <Jim.McDonald@sysdm.com> April 2003
cst-port	3742/tcp	CST - Configuration & Service Tracker
cst-port	3742/udp	CST - Configuration & Service Tracker
#		Hai Ou-Yang <hai.ou-yang@sun.com> April 2003
ipcs-command	3743/tcp	IP Control Systems Ltd.
ipcs-command	3743/udp	IP Control Systems Ltd.
#		Paul Anderson <paul.anderson@ip-cs.com> April 2003
sasg	3744/tcp	SASG
sasg	3744/udp	SASG
#		Cristian Petculescu <cristp@hotmail.com> April 2003
gw-call-port	3745/tcp	GWRTC Call Port
gw-call-port	3745/udp	GWRTC Call Port
#		Felisa Ares <faa06@tid.es> April 2003
linktest	3746/tcp	LXPRO.COM LinkTest
linktest	3746/udp	LXPRO.COM LinkTest
linktest-s	3747/tcp	LXPRO.COM LinkTest SSL
linktest-s	3747/udp	LXPRO.COM LinkTest SSL
#		Greg Bailey <gbai@lxpro.com> April 2003
webdata	3748/tcp	webData
webdata	3748/udp	webData
#		Michael Whitley <michael@whitley.com> April 2003
cimtrak	3749/tcp	CimTrak
cimtrak	3749/udp	CimTrak
#		Robert E. Johnson, III <johnson.robert@cimcor.com> April 2003
cbos-ip-port	3750/tcp	CBOS/IP ncapsalation port
cbos-ip-port	3750/udp	CBOS/IP ncapsalation port
#		Thomas Dannemiller <tom.dannemiller@rolls-royce.com> April 2003
gprs-cube	3751/tcp	CommLinux GPRS Cube
gprs-cube	3751/udp	CommLinux GPRS Cube
#		Peter Johnson <peter@commlinx.com.au> April 2003
vipremoteagent	3752/tcp	Vigil-IP RemoteAgent
vipremoteagent	3752/udp	Vigil-IP RemoteAgent
#		Bryan Alvord <bryan@vaticor.com> April 2003
nattyserver	3753/tcp	NattyServer Port
nattyserver	3753/udp	NattyServer Port
#		Akira Sai to <admin@kobu.com> April 2003
timestenbroker	3754/tcp	TimeTen Broker Port
timestenbroker	3754/udp	TimeTen Broker Port
#		David Aspinwall <aspinwall@TimeTen.com> April 2003
sas-remote-ftp	3755/tcp	SAS Remote Help Server
sas-remote-ftp	3755/udp	SAS Remote Help Server

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#		Gary T. Ciampa <Gary.Ciampa@sas.com> April 2003
canon-capt	3756/tcp	Canon CAPT Port
canon-capt	3756/udp	Canon CAPT Port
#		Takashi Okazawa <okazawa.takashi@canon.co.jp> April 2003
grf-port	3757/tcp	GRF Server Port
grf-port	3757/udp	GRF Server Port
#		Robert Banfill <robert@banfill.net> April 2003
apw-registry	3758/tcp	apw RMI registry
apw-registry	3758/udp	apw RMI registry
#		Dan Davis <Dan.A.Davis@hp.com> April 2003
exapt-lmgr	3759/tcp	Exapt License Manager
exapt-lmgr	3759/udp	Exapt License Manager
#		Christoph Kukulies <info@exapt.de> April 2003
adtempusclient	3760/tcp	adTempus Client
adtempusclient	3760/udp	adTempus Client
#		Bill Wingate <bill.wingate@arcanadev.com> May 2003
gsakmp	3761/tcp	gsakmp port
gsakmp	3761/udp	gsakmp port
#		Uri Meth <umeth@sparta.com> June 2003
gbs-smp	3762/tcp	GBS SnapMail Protocol
gbs-smp	3762/udp	GBS SnapMail Protocol
#		Eric Harris-Braun <eric@glassbead.com> June 2003
xo-wave	3763/tcp	XO Wave Control Port
xo-wave	3763/udp	XO Wave Control Port
#		Bjorn Dittmer-Roche <bjorn@xowave.com> June 2003
mni-prot-rout	3764/tcp	MNI Protected Routing
mni-prot-rout	3764/udp	MNI Protected Routing
#		Tim Behne <timothyb@microwavenetworks.com> June 2003
rtracroute	3765/tcp	Remote Traceroute
rtracroute	3765/udp	Remote Traceroute
#		A. Blake Cooper <blake@cluebie.net> June 2003
listmgr-port	3767/tcp	ListMGR Port
listmgr-port	3767/udp	ListMGR Port
#		Takashi Kubota <kubota.takashi@pfu.fugitsu.com> June 2003
rblcheckd	3768/tcp	rblcheckd server daemon
rblcheckd	3768/udp	rblcheckd server daemon
#		Sabri Berisha <sabri@cluecentral.net> June 2003
haipe-otnk	3769/tcp	HAIPE Network Keying
haipe-otnk	3769/udp	HAIPE Network Keying
#		Mike Irani <irani@spawar.navy.mil> June 2003
ci ndycol lab	3770/tcp	Cinderella Collaboration
ci ndycol lab	3770/udp	Cinderella Collaboration
#		Ulrich Kortenkamp <kortenkamp@cinderella.de> June 2003
pagi ng-port	3771/udp	RTP Paging Port
pagi ng-port	3771/udp	RTP Paging Port
#		Patrick Ferri ter <Patrick.Ferri ter@zul tys.com> June 2003
ctp	3772/tcp	Chantry Tunnel Protocol
ctp	3772/udp	Chantry Tunnel Protocol
#		Inderpreet Singh <isingh@chantrynetworks.com> June 2003
ctdhercules	3773/tcp	ctdhercules
ctdhercules	3773/udp	ctdhercules
#		Carl Banzhof <cbanzhof@citadel.com> June 2003
zi com	3774/tcp	ZI COM
zi com	3774/udp	ZI COM
#		Sabu Das <sabud@zicomsecure.com> June 2003
ispmmgr	3775/tcp	ISPM Manager Port
ispmmgr	3775/udp	ISPM Manager Port
#		Eric Anderson <eanderson@netvision.com> June 2003
dvcprov-port	3776/tcp	Device Provisi oning Port
dvcprov-port	3776/udp	Device Provisi oning Port
#		Rob Lehew <rl ehew@microsoft.com> June 2003
jibe-eb	3777/tcp	Jibe EdgeBurst
jibe-eb	3777/udp	Jibe EdgeBurst
#		Chap Tippi n <chad.tippi n@jibeinc.com> June 2003
c-h-it-port	3778/tcp	Cutler-Hammer IT Port
c-h-it-port	3778/udp	Cutler-Hammer IT Port
#		Thomas Ruchti <thomasruchti@eaton.com> June 2003
cogni ma	3779/tcp	Cogni ma Repl icati on
cogni ma	3779/udp	Cogni ma Repl icati on
#		Ralph Greenwell <ralph.greenwell@cogni ma.com> June 2003
nnp	3780/tcp	Nuzzler Network Protocol
nnp	3780/udp	Nuzzler Network Protocol
#		Andreas Schwarz <andreas.schwarz@securepoint.de> June 2003
abcvoi ce-port	3781/tcp	ABCvoi ce server port
abcvoi ce-port	3781/udp	ABCvoi ce server port

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#		Carlos Gonzalez-Roman Ferrer <i ana@abcdatos.com> June 2003
i so-tp0s	3782/tcp	Secure ISO TPO port
i so-tp0s	3782/udp	Secure ISO TPO port
#		Herbert Falk <herb@si sconet.com> June 2003
bi m-pem	3783/tcp	Impact Mgr. /PEM Gateway
bi m-pem	3783/udp	Impact Mgr. /PEM Gateway
#		Walter G. Gi roi r <wal t_gi roi r@bmc.com> July 2003
bfd	3784/tcp	BFD
bfd	3784/udp	BFD
#		Dave Ward <dward@ci sco.com> Dave Katz <dkatz@juni per.net> July 2003
bfd-control	3785/tcp	BFD-Control
bfd-control	3785/udp	BFD-Control
#		Dave Ward <dward@ci sco.com> Dave Katz <dkatz@juni per.net> July 2003
upstri ggervsw	3786/tcp	VSW Upstri gger port
upstri ggervsw	3786/udp	VSW Upstri gger port
#		Mark-Ti m Junghanns <mj unghanns@vangerow.de> July 2003
fi ntrx	3787/tcp	Fi ntrx
fi ntrx	3787/udp	Fi ntrx
#		Peter G. L. Potgi eser <p.g.l.potgi eser@i nterpay.nl > July 2003
i srp-port	3788/tcp	SPACEWAY Routi ng port
i srp-port	3788/udp	SPACEWAY Routi ng port
#		Vai bhav Kumar <vakumar@hns.com> July 2003
remotedepl oy	3789/tcp	RemoteDepl oy Admi ni strati
remotedepl oy	3789/udp	RemoteDepl oy Admi ni strati
#		Guenther Kroenert <guenther.kroenert@fuj i tsu-si emens.com> July 2003
qui ckbooksrds	3790/tcp	Qui ckBooks RDS
qui ckbooksrds	3790/udp	Qui ckBooks RDS
#		Al mi ra <al mi ra_ni ci u@i ntui t.com> July 2003
tvnetworkvi deo	3791/tcp	TV NetworkVi deo Data port
tvnetworkvi deo	3791/udp	TV NetworkVi deo Data port
#		Kevi n Brunner <brunner@ti vo.com> July 2003
si tewatch	3792/tcp	e-watch, Inc. Si teWatch
si tewatch	3792/udp	e-watch, Inc. Si tewatch
#		John M. Bai rd <j bai rd@photot.com> July 2003
dcsoftware	3793/tcp	DataCore Software
dcsoftware	3793/udp	DataCore Software
#		Andre Cato <andre.cato@datacore.com> July 2003
j aus	3794/tcp	JAUS Robots
j aus	3794/udp	JAUS Robots
#		Steven B. Cl i ff <scl i ff@remotec-andros.com> July 2003
mybl ast	3795/tcp	myBLAST Mekentosj port
mybl ast	3795/udp	myBLAST Mekentosj port
#		Al exander Gri ekspoor <a.gri ekspoor@nki .nl > July 2003
spw-di al er	3796/tcp	Spaceway Di al er
spw-di al er	3796/udp	Spaceway Di al er
#		Patri ck Fi sher <pfi sher@hns.com> July 2003
i dps	3797/tcp	i dps
i dps	3797/udp	i dps
#		Jean-Francoi s Rabasse <j fr@i dps.org> July 2003
mi ni l ock	3798/tcp	Mi ni l ock
mi ni l ock	3798/udp	Mi ni l ock
#		Dani el Jul i o Reyes <dani el jreyes@yahoo.com> August 2003
radi us-dynauth	3799/tcp	RADI US Dynami c Authori zati on
radi us-dynauth	3799/udp	RADI US Dynami c Authori zati on
#		RFC 3576 - July 2003
pwgpsi	3800/tcp	Pri nt Servi ces I nterface
pwgpsi	3800/udp	Pri nt Servi ces I nterface
#		Harry Lewi s <harryl @us.i bm.com> May 2003
#	3801	Unassi gned
vhd	3802/tcp	VHD
vhd	3802/udp	VHD
#		Chri s Duncombe <cdunc@atpeng.com>
soni qsync	3803/tcp	Soni qSync
soni qsync	3803/udp	Soni qSync
#		Ryan Mel vi l l e <ryan_mel vi l l e@soni qcast.com> January 2004
i qnet-port	3804/tcp	Harman IQNet Port
i qnet-port	3804/udp	Harman IQNet Port
#		Bruce Vander Werf <bvanderwerf@crowni ntI .com> February 2004
tcpdataserver	3805/tcp	ThorGuard Server Port
tcpdataserver	3805/udp	ThorGuard Server Port
#		Joel E. Stei ger <jstei ger@ei c-us.com> February 2004
wsml b	3806/tcp	Remote System Manager
wsml b	3806/udp	Remote System Manager

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# Thomas Fiege <tfiege@us.ibm.com> February 2004
spugna 3807/tcp SpuGNA Communication Port
spugna 3807/udp SpuGNA Communication Port
#
# 3808-3809 Unassigned
#
# 3810-3809 WLAN AS server
wlauth 3810/tcp WLAN AS server
wlauth 3810/udp WLAN AS server
#
# Bianling Zhang <blzhang@iwncomm.com> February 2004
amp 3811/tcp AMP
amp 3811/udp AMP
#
# Northon Rodrigues <northon.rodrigues@thomson.net> February 2004
neto-wol-server 3812/tcp net0 WOL Server
neto-wol-server 3812/udp net0 WOL Server
#
# Martin Bestmann <martin@no.netopia.com> March 2004
rap-ip 3813/tcp Rhapsody Interface Protocol
rap-ip 3813/udp Rhapsody Interface Protocol
#
# Paul Zander (Philips CFT) <p.j.zander@philips.com> March 2004
neto-dcs 3814/tcp net0 DCS
neto-dcs 3814/udp net0 DCS
#
# Martin Bestmann <martin@no.netopia.com> March 2004
# 3815-3837 Unassigned
#
# 3838-3837 Sci to Object Server
sos 3838/tcp Sci to Object Server
sos 3838/udp Sci to Object Server
#
# Arno Klaassen <arno@ccr.jussieu.fr> November 2003
amx-mtgman 3839/tcp AMX MeetingManager
amx-mtgman 3839/udp AMX MeetingManager
#
# Rob Ward <rob.ward@amx.com> November 2003
flirtmimir 3840/tcp www.FlirtMimir.de
flirtmimir 3840/udp www.FlirtMimir.de
#
# Carsten Faltings <faltings@freenet.de> November 2003
zfirm-shiprush3 3841/tcp Z-Firm ShipRush v3
zfirm-shiprush3 3841/udp Z-Firm ShipRush v3
#
# Rafael Zimberoff <rafael@zfirmllc.com> November 2003
nhci 3842/tcp NHCI status port
nhci 3842/udp NHCI status port
#
# Eric Welch <eric@innosys.com> November 2003
quest-agent 3843/tcp Quest Common Agent
quest-agent 3843/udp Quest Common Agent
#
# Peter Maher <quest_iana@oz.quest.com> November 2003
rnm 3844/tcp RNM
rnm 3844/udp RNM
#
# sn0w of renegade labs <sn0w@devious.tsongkie.com> November 2003
v-one-spp 3845/tcp V-ONE Single Port Proxy
v-one-spp 3845/udp V-ONE Single Port Proxy
#
# Daniel Becker <dbecker@v-one.com>
an-pcp 3846/tcp Astore Network PCP
an-pcp 3846/udp Astore Network PCP
#
# Tony Gulino <astaregod@hotmail.com> August 2003
msfw-control 3847/tcp MS Firewall Control
msfw-control 3847/udp MS Firewall Control
#
# Oren Trutner <orentrut@microsoft.com> August 2003
item 3848/tcp IT Environmental Monitor
item 3848/udp IT Environmental Monitor
#
# Keith Wright <kwright@sensatronics.com> August 2003
spw-dnspreload 3849/tcp SPACEWAY DNS Preload
spw-dnspreload 3849/udp SPACEWAY DNS Preload
#
# Daniel Friedman <dfriedman@hns.com> August 2003
qtms-bootstrap 3850/tcp QTMS Bootstrap Protocol
qtms-bootstrap 3850/udp QTMS Bootstrap Protocol
#
# Phil Willis <phil.willis@prism-uk.com> August 2003
spectraport 3851/tcp SpectraTalk Port
spectraport 3851/udp SpectraTalk Port
#
# Madhav Karhade <madhav.karhade@wi.bhu.com> August 2003
sse-app-config 3852/tcp SSE App Configuration
sse-app-config 3852/udp SSE App Configuration
#
# Tim Wilson <tim.wilson@motorola.com> August 2003
sscan 3853/tcp SONY scanning protocol
sscan 3853/udp SONY scanning protocol
#
# Takashi Aihara <aiharat@sm.sony.co.jp> August 2003
stryker-com 3854/tcp Stryker Comm Port
stryker-com 3854/udp Stryker Comm Port
#
# Andrew Schultz <aschultz@strykercom.com> August 2003
opentrac 3855/tcp OpenTRAC
opentrac 3855/udp OpenTRAC
#
# Scott Miller <scott@opentrac.org> August 2003

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informer	3856/tcp	INFORMER
informer	3856/udp	INFORMER
#		Filippo Fadda <fadda@osway.com> August 2003
trap-port	3857/tcp	Trap Port
trap-port	3857/udp	Trap Port
#		Norm Freedman <normfree@san.rr.com> August 2003
trap-port-mom	3858/tcp	Trap Port MOM
trap-port-mom	3858/udp	Trap Port MOM
#		Norm Freedman <normfree@san.rr.com> August 2003
nav-port	3859/tcp	Navini Port
nav-port	3859/udp	Navini Port
#		Chris Sanders <csanders@navini.com> August 2003
ewlm	3860/tcp	eWLM
ewlm	3860/udp	eWLM
#		Alan Bivens <jbivens@us.ibm.com> August 2003
wi nshadow-hd	3861/tcp	wi nShadow Host Di scovery
wi nshadow-hd	3861/udp	wi nShadow Host Di scovery
#		Shu-Wei Tan <stan@omnicomtech.com> March 2003
gi ga-pocket	3862/tcp	GI GA-POCKET
gi ga-pocket	3862/udp	GI GA-POCKET
#		Yoshi kazu Watanabe <nabe@sm.sony.co.jp>
asap-tcp	3863/tcp	asap tcp port
asap-tcp	3863/udp	asap tcp port
#		Lyndon Ong <lyong@ci ena.com> August 2003
asap-tcp-tls	3864/tcp	asap/tls tcp port
asap-tcp-tls	3864/udp	asap/tls tcp port
#		Lyndon Ong <lyong@ci ena.com> August 2003
xpl	3865/tcp	xpl automati on protocol
xpl	3865/udp	xpl automati on protocol
#		I an Lowe <i an@xpl project.org.uk> August 2003
dzdaemon	3866/tcp	Sun SDVi z DZDAEMON Port
dzdaemon	3866/udp	Sun SDVi z DZDAEMON Port
#		Kevi n Rushforth <kevi n.rushforth@sun.com> August 2003
dzogl server	3867/tcp	Sun SDVi z DZOGLSERVER Port
dzogl server	3867/udp	Sun SDVi z DZOGLSERVER Port
#		Kevi n Rushforth <kevi n.rushforth@sun.com> August 2003
di ameter	3868/tcp	DI AMETER
#	3868/udp	Reserved
di ameter	3868/sctp	DI AMETER
#		RFC-i etf-aaa-di ameter-17.txt
ovsam-mgmt	3869/tcp	hp OVSAM MgmtServer Di sco
ovsam-mgmt	3869/udp	hp OVSAM MgmtServer Di sco
#		Mi ke Pontillo <pontillo@hp.com> August 2003
ovsam-d-agent	3870/tcp	hp OVSAM HostAgent Di sco
ovsam-d-agent	3870/udp	hp OVSAM HostAgent Di sco
#		Mi ke Pontillo <pontillo@hp.com> August 2003
avocent-adsap	3871/tcp	Avocent DS Authori zati on
avocent-adsap	3871/udp	Avocent DS Authori zati on
#		Eduardo Fernandez <eduardo.fernandez@avocent.com> August 2003
oem-agent	3872/tcp	OEM Agent
oem-agent	3872/udp	OEM Agent
#		Narai n Jagathesan <narai n.j agathesan@oracl e.com> November 2003
fagordnc	3873/tcp	fagordnc
fagordnc	3873/udp	fagordnc
#		Lui s Zugasti <l zugasti @fagorautomati on.es> November 2003
si xxsconfi g	3874/tcp	Si xXS Confi gurati on
si xxsconfi g	3874/udp	Si xXS Confi gurati on
#		Jeroen Massar <j eroen@unfi x.org> November 2003
pnbscada	3875/tcp	PNBSCADA
pnbscada	3875/udp	PNBSCADA
#		Phil ip N. Bergstresser <phil @bergstresser.org>
dl _agent	3876/tcp	Di rectoryLockdown Agent
dl _agent	3876/udp	Di rectoryLockdown Agent
#		NetPro Computi ng <ports@netpro.com> October 2003
xmpcr-i nterface	3877/tcp	XMPCR Interface Port
xmpcr-i nterface	3877/udp	XMPCR Interface Port
#		Christoph er Carl son <cj c@dobbz.com> October 2003
fotogcad	3878/tcp	FotoG CAD i nterface
fotogcad	3878/udp	FotoG CAD i nterface
#		Jason Szabo <j ason.szabo@vexcel .com> October 2003
appss-l m	3879/tcp	appss li cense manager
appss-l m	3879/udp	appss li cense manager
#		Peter Krueger <krueger@appss.de> October 2003
mi crogrid	3880/tcp	mi crogrid
mi crogrid	3880/udp	mi crogrid
#		Huang Ji ngnan <huangj nb@l enovo.com> October 2003

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i dac	3881/tcp	Data Acquisition and Control
i dac	3881/udp	Data Acquisition and Control
#		Chatzi andreoglou Christos <chatzi@xan.forthnet.gr> October 2003
msdts1	3882/tcp	DTS Service Port
msdts1	3882/udp	DTS Service Port
#		Sergei Ivanov <sergei@microsoft.com> October 2003
vrpn	3883/tcp	VR Peripheral Network
vrpn	3883/udp	VR Peripheral Network
#		Russell M. Taylor II <taylor@cs.unc.edu> October 2003
softrack-meter	3884/tcp	SofTrack Metering
softrack-meter	3884/udp	SofTrack Metering
#		John T. McCann <jmccann@softwaremetering.com> October 2003
topflow-ssl	3885/tcp	TopFlow SSL
topflow-ssl	3885/udp	TopFlow SSL
#		Ken Nelson <nelson@TopLayer.com>
nei-management	3886/tcp	NEI management port
nei-management	3886/udp	NEI management port
#		Kevin Murphy <kevin.murphy@networkengines.com> October 2003
leogic-data	3887/tcp	Leogic Data Transport
leogic-data	3887/udp	Leogic Data Transport
#		Lars Eilebrecht <leiana@leogic.com> October 2003
leogic-services	3888/tcp	Leogic Services
leogic-services	3888/udp	Leogic Services
#		Lars Eilebrecht <leiana@leogic.com> October 2003
dandv-tester	3889/tcp	D and V Tester Control Port
dandv-tester	3889/udp	D and V Tester Control Port
#		Voi ko Loukanov <v.loukanov@dvel.electronics.com> October 2003
ndsconnect	3890/tcp	Niche Data Server Connect
ndsconnect	3890/udp	Niche Data Server Connect
#		Roland Schneider <rsch@nicherm.com> October 2003
rtc-pm-port	3891/tcp	Oracle RTC-PM port
rtc-pm-port	3891/udp	Oracle RTC-PM port
#		PV Shivkumar <p.shivkumar@oracle.com> October 2003
pcc-image-port	3892/tcp	PCC-image-port
pcc-image-port	3892/udp	PCC-image-port
#		Shiro Tamoto <tamoto.shiro@jp.panasonic.com> October 2003
cgi-starapi	3893/tcp	CGI StarAPI Server
cgi-starapi	3893/udp	CGI StarAPI Server
#		Garry Moore <garry.moore@cgi.com> October 2003
syam-agent	3894/tcp	SyAM Agent Port
syam-agent	3894/udp	SyAM Agent Port
#		Michael Daniele <michael.daniele@syamsoftware.com> October 2003
syam-smc-svc	3895/tcp	SyAM SMC Service Port
syam-smc-svc	3895/udp	SyAM SMC Service Port
#		Michael Daniele <michael.daniele@syamsoftware.com> October 2003
sdo-tls	3896/tcp	Simple Distributed Objects over TLS
sdo-tls	3896/udp	Simple Distributed Objects over TLS
#		Alexander Philippou <alex@noemax.com> October 2003
sdo-ssh	3897/tcp	Simple Distributed Objects over SSH
sdo-ssh	3897/udp	Simple Distributed Objects over SSH
#		Alexander Philippou <alex@noemax.com> October 2003
senip	3898/tcp	IAS, Inc. SmartEye NET Internet Protocol
senip	3898/udp	IAS, Inc. SmartEye NET Internet Protocol
#		Matt Nowicki <nowicki@iasdirect.com> October 2003
itv-control	3899/tcp	ITV Port
itv-control	3899/udp	ITV Port
#		Alex Nicu <alex.nicu@philips.com> October 2003
udt_os	3900/tcp	Uni data UDT OS
udt_os	3900/udp	Uni data UDT OS
#		James Powell <james@mailhost.unidata.com>
nimsh	3901/tcp	NIM Service Handler
nimsh	3901/udp	NIM Service Handler
#		Paul B. Finley <pfinley@us.ibm.com> October 2003
niiaux	3902/tcp	NIMsh Auxiliary Port
niiaux	3902/udp	NIMsh Auxiliary Port
#		Paul B. Finley <pfinley@us.ibm.com> October 2003
charsetmgr	3903/tcp	CharsetMGR
charsetmgr	3903/udp	CharsetMGR
#		Tatsuya Ueda <tatsu@ist.fujitsu.com> October 2003
omnilink-port	3904/tcp	Arnet Omnilink Port
omnilink-port	3904/udp	Arnet Omnilink Port
#		Ronen Shaul <ronen@arnetsystems.com> October 2003
mupdate	3905/tcp	Mailbox Update (MUPDATE) protocol
mupdate	3905/udp	Mailbox Update (MUPDATE) protocol
#		RFC-draft-siemorski-mupdate-04.txt October 2003
topovista-data	3906/tcp	TopoVista elevation data

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topovi sta-data	3906/udp	TopoVi sta elevation data
#		Gregg Townsend <gmt@cs.arizona.edu> November 2003
imogui a-port	3907/tcp	Imogui a Port
imogui a-port	3907/udp	Imogui a Port
#		Emi di o Cunha <emi di o@janel adi gi tal . com> November 2003
hpronetman	3908/tcp	HP Procurve NetManagement
hpronetman	3908/udp	HP Procurve NetManagement
#		Devon Dawson <devon.dawson@hp.com> November 2003
surfcontrol cpa	3909/tcp	SurfControl CPA
surfcontrol cpa	3909/udp	SurfControl CPA
#		Hywel Morgan <hywel m@surfcontrol . com> November 2003
prnrequest	3910/tcp	Printer Request Port
prnrequest	3910/udp	Printer Request Port
#		Brett Green <brett_green@hp.com> November 2003
prnstatus	3911/tcp	Printer Status Port
prnstatus	3911/udp	Printer Status Port
#		Brett Green <brett_green@hp.com> November 2003
gbmt-stars	3912/tcp	Global Maintech Stars
gbmt-stars	3912/udp	Global Maintech Stars
#		Harry Goldschmi tt <hgol dschmi tt@hgac . com> November 2003
listcrt-port	3913/tcp	ListCREATOR Port
listcrt-port	3913/udp	ListCREATOR Port
#		Tomokazu Asai <asai . tomokazu@pfu.fuji tsu . com> November 2003
listcrt-port-2	3914/tcp	ListCREATOR Port 2
listcrt-port-2	3914/udp	ListCREATOR Port 2
#		Tomokazu Asai <asai . tomokazu@pfu.fuji tsu . com> November 2003
agcat	3915/tcp	Auto-Graphi cs Catal ogi ng
agcat	3915/udp	Auto-Graphi cs Catal ogi ng
#		Paul Cope <prc@auto-graphi cs . com> November 2003
wysdmc	3916/tcp	WysDM Controller
wysdmc	3916/udp	WysDM Controller
#		Jim McDonald <jim.mcdonal d@sysdm . com> November 2003
aftmux	3917/tcp	AFT mul ti plex port
aftmux	3917/udp	AFT mul ti ples port
#		Al fred Schmi dt <a . schmi dt@aft-werdohl . de> November 2003
pktcabl emmcops	3918/tcp	PacketCabl eMul ti medi aCOPS
pktcabl emmcops	3918/udp	PacketCabl eMul ti medi aCOPS
#		Eric Rosenfel d <e . rosenfel d@cabl el abs . com> November 2003
hyperip	3919/tcp	HyperIP
hyperip	3919/udp	HyperIP
#		Dave Reil and <dave . reil and@netex . com> November 2003
exasoftport1	3920/tcp	Exasoft IP Port
exasoftport1	3920/udp	Exasoft IP Port
#		Al an Mal ik <al an@exasoft . co . uk> November 2003
herodotus-net	3921/tcp	Herodotus Net
herodotus-net	3921/udp	Herodotus Net
#		Adam Gawne-Cai n <adam@gawncai nresearch . co . uk> November 2003
sor-update	3922/tcp	Soronti Update Port
sor-update	3922/udp	Soronti Update Port
#		Carleton Watki ns <carl eton@soronti . com> November 2003
symb-sb-port	3923/tcp	Symbi an Servi ce Broker
symb-sb-port	3923/udp	Symbi an Servi ce Broker
#		I an McDowal l <i an . mcdowal l@symbi an . com> November 2003
mpl -gprs-port	3924/tcp	MPL_GPRS_PORT
mpl -gprs-port	3924/udp	MPL_GPRS_Port
#		Davi d Barrass <davi d . barrass@mi norpl ante . com> November 2003
zmp	3925/tcp	Zoran Medi a Port
zmp	3925/udp	Zoran Medi a Port
#		Gerard Cerchi o <gj pc@ci rcl esoft . com> November 2003
wi nport	3926/tcp	WI NPort
wi nport	3926/udp	WI NPort
#		El wi n Egger <eggea@hta-bi . bfh . ch> November 2003
natdataservi ce	3927/tcp	ScsTsr
natdataservi ce	3927/udp	ScsTsr
#		Ghanshyam Patel <gpatel @nati nc . com> November 2003
netboot-pxe	3928/tcp	PXE NetBoot Manager
netboot-pxe	3928/udp	PXE NetBoot Manager
#		Markus Trei nen <markus . trei nen@si emens . com> November 2003
smauth-port	3929/tcp	AMS Port
smauth-port	3929/udp	AMS Port
#		Angel i que Dokos <angel i que . dokos@hp . com> November 2003
syam-webserver	3930/tcp	Syam Web Server Port
syam-webserver	3930/udp	Syam Web Server Port
#		Mi chael Dani el e <mi chael . dani el e@syamsoftware . com> November 2003
msr-pl ugi n-port	3931/tcp	MSR Pl ugi n Port
msr-pl ugi n-port	3931/udp	MSR Pl ugi n Port

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# Ron Steed <rsteed@cemaphore.com> November 2003
dyn-site 3932/tcp Dynamic Site System
dyn-site 3932/udp Dynamic Site System
# Steve Qi <steve.qi@dyn-site.com> November 2003
plbserve-port 3933/tcp PL/B App Server User Port
plbserve-port 3933/udp PL/B App Server User Port
# Edward R. Boedecker <boedeck1@flash.net> November 2003
sunfm-port 3934/tcp PL/B File Manager Port
sunfm-port 3934/udp PL/B File Manager Port
# Edward R. Boedecker <boedeck1@flash.net> November 2003
sdp-portmapper 3935/tcp SDP Port Mapper Protocol
sdp-portmapper 3935/udp SDP Port Mapper Protocol
# James Pinkerton <jpink@microsoft.com> November 2003
mailprox 3936/tcp Mailprox
mailprox 3936/udp Mailprox
# Christof Drescher <drescher@mailprox.net> November 2003
dvbservdscport 3937/tcp DVB Service Disc Port
dvbservdscport 3937/udp DVB Service Disc Port
# Bert van Willigen <bert.vanwilligen@philips.com> November 2003
dbcontrol_agent 3938/tcp Oracle dbControl Agent po
dbcontrol_agent 3938/udp Oracel dbControl Agent po
# Todd Guay <todd.guay@oracle.com> November 2003
aamp 3939/tcp Anti-virus Application Management Port
aamp 3939/udp Anti-virus Application Management Port
# In-sik Choi <iscard@virusdesk.com> February 2002
xecp-node 3940/tcp XeCP Node Service
xecp-node 3940/udp XeCP Node Service
# Brent McCullough <bmcullough@tiemgmt.com> November 2003
homeportal-web 3941/tcp Home Portal Web Server
homeportal-web 3941/udp Home Portal Web Server
# Christian Beaumont <chrisb@lantronix.com> November 2003
srdp 3942/tcp satellite distribution
srdp 3942/udp satellite distribution
# Simone Molendini <simone.molendini@unile.it> November 2003
tig 3943/tcp TetraNode Ip Gateway
tig 3943/udp TetraNode Ip Gateway
# B. van Klinden <b.vklinden@rohil.nl> December 2003
sops 3944/tcp S-Ops Management
sops 3944/udp S-Ops Management
# Stefan Hochuli <iana.org@dunes.ch> December 2003
emcads 3945/tcp EMCADS Server Port
emcads 3945/udp EMCADS Server Port
# Jimi Thor Joergensen <jimi@girittech.com> January 2004
# 3946-3983 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 <simspon@centerline.com>
# 3988-3994 Unassigned
iss-mgmt-ssl 3995/tcp ISS Management Svcs SSL
iss-mgmt-ssl 3995/udp ISS Management Svcs SSL
# Wes Wilson <wwilson@iss.net> October 2003
# 3996-3999 Unassigned
terabase 4000/tcp Terabase
terabase 4000/udp Terabase
# Thor Olsson <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

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pxc-svr	4006/udp	pxc-svr
pxc-spl r	4007/tcp	pxc-spl r
pxc-spl r	4007/udp	pxc-spl r
#		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	Chi mera HWM
chi mera-hwm	4009/udp	Chi mera HWM
#		Ken Anderson <kanderso@kl eber. ICS. UCI . EDU>
samsung-unidex	4010/tcp	Samsung Uni dex
samsung-unidex	4010/udp	Samsung Uni dex
#		Konstantin V. Vyaznikov <kv@ssm6000.samsung.ru>
al tserveboot	4011/tcp	Al ternate Servi ce Boot
al tserveboot	4011/udp	Al ternate Servi ce Boot
#		Eric Di ttert <Eric_Di ttert@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	TAI CLOCK
taiclock	4014/udp	TAI CLOCK
#		Dan Bernstei n <dj b@koobera.math.ui c.edu>
tal arian-mcast1	4015/tcp	Tal arian Mcast
tal arian-mcast1	4015/udp	Tal arian Mcast
tal arian-mcast2	4016/tcp	Tal arian Mcast
tal arian-mcast2	4016/udp	Tal arian Mcast
tal arian-mcast3	4017/tcp	Tal arian Mcast
tal arian-mcast3	4017/udp	Tal arian Mcast
tal arian-mcast4	4018/tcp	Tal arian Mcast
tal arian-mcast4	4018/udp	Tal arian Mcast
tal arian-mcast5	4019/tcp	Tal arian Mcast
tal arian-mcast5	4019/udp	Tal arian Mcast
#		Geoff Mendal <mendal@tal arian.com>
trap	4020/tcp	TRAP Port
trap	4020/udp	TRAP Port
#		Jeffrey C. Byrd <admi n@vspacegroup.com>
nexus-portal	4021/tcp	Nexus Portal
nexus-portal	4021/udp	Nexus Portal
#		Dami an Tarnawsky <support@nexusconcepts.com>
dnox	4022/tcp	DNOX
dnox	4022/udp	DNOX
#		Leo Rathnayake <l eo@perl net.com>
esnm-zoni ng	4023/tcp	ESNM Zoni ng Port
esnm-zoni ng	4023/udp	ESNM Zoni ng Port
#		Yong Cai <ycai@emc.com>
tnp1-port	4024/tcp	TNP1 User Port
tnp1-port	4024/udp	TNP1 User Port
#		Tony Gi bbs <tony.gi bbs@europe.simoco.com>
partimage	4025/tcp	Parti ti on Image Port
partimage	4025/udp	Parti ti on Image Port
#		Franck Ladurel le <l adurel f@partimage.org>
as-debug	4026/tcp	Graphi cal Debug Server
as-debug	4026/udp	Graphi cal Debug Server
#		Steve Hal verson <shal ver@us.ibm.com>
bxp	4027/tcp	bi texpress
bxp	4027/udp	bi texpress
#		Morgan Doyle <morgan@mpt.ie>
dtserver-port	4028/tcp	DTServer Port
dtserver-port	4028/udp	DTServer Port
#		Stephen Ai ki ns <stephen.ai ki ns@embarcadero.com>
ip-qsig	4029/tcp	IP Q si gnali ng protocol
ip-qsig	4029/udp	IP Q si gnali ng protocol
#		Toru Tachi bana <tati bana@exs.ts.fujitsu.co.jp>
j dmn-port	4030/tcp	Accel l /JSP Daemon Port
j dmn-port	4030/udp	Accel l /JSP Daemon Port
#		Art Grand <ai g@uni fy.com>
suucp	4031/tcp	UUCP over SSL
suucp	4031/udp	UUCP over SSL
#		Haral d Wel te <l aforge@gnumonks.org>
vrts-auth-port	4032/tcp	VERI TAS Authori zati on Servi ce
vrts-auth-port	4032/udp	VERI TAS Authori zati on Servi ce
#		Stefan Wi nkel <stefan@veri tas.com>
sanavi gator	4033/tcp	SANavi gator Peer Port

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```
sanavi gator 4033/udp SANavigator Peer Port
# Robert J. Chansler <robert.chansler@mcddata.com>
ubxd 4034/tcp Ubi qui nox Daemon
ubxd 4034/udp Ubi qui nox 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
# Mattheu Lachance
# <mattheu.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 Callef <craig@katmango.com>
# 4043-4095 Unassigned
bre 4096/tcp BRE (Bridge Relay Element)
bre 4096/udp BRE (Bridge Relay Element)
# Stephen Egbert <egbert@ra.ti.mepl ex.com>
patrol view 4097/tcp Patrol View
patrol view 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
# 4101-4113 Unassigned
jomamqmonitor 4114/tcp JomaMQMonitor
jomamqmonitor 4114/udp JomaMQMonitor
# Marcel Hofstetter <marcel.hofstetter@jomasoft.ch> January 2003
# 4115-4131 Unassigned
nuts_dem 4132/tcp NUTS Daemon
nuts_dem 4132/udp NUTS Daemon
nuts_bootp 4133/tcp NUTS Bootp Server
nuts_bootp 4133/udp NUTS Bootp Server
# Martin Freiss <freiss.pad@sni.>
nifty-hmi 4134/tcp NIFTY-Serve HMI protocol
nifty-hmi 4134/udp NIFTY-Serve HMI protocol
# Ryuchi Suzuki <SCI00376@niftyserve.or.jp>
# 4135-4137 Unassigned
nettest 4138/tcp nettest
nettest 4138/udp nettest
# David Borman <dab@windriver.com> March 2003
# 4139-4140 Unassigned
oirtgsvc 4141/tcp Workflow Server
oirtgsvc 4141/udp Workflow Server
oidocsvc 4142/tcp Document Server
oidocsvc 4142/udp Document Server
oidsr 4143/tcp Document Replication
oidsr 4143/udp Document Replication
# Norman Brie <norm_brie@sns.ca>
##### Compuserve (unofficially) is using port 4144 #####
# 4144 Unassigned
vvr-control 4145/tcp VVR Control
vvr-control 4145/udp VVR Control
# Ming Xu <mingxu@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>
```

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```

# 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
# Mi tra <mi tra@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 Kusters <markk@internic.net>
unicall 4343/tcp UNICALL
unicall 4343/udp UNICALL
# James Powell <james@enghp.unidata.comp>
vinalinstall 4344/tcp Vinalinstall
vinalinstall 4344/udp Vinalinstall
# Jay Slupesky <js@vina-tech.com>
m4-network-as 4345/tcp Macro 4 Network AS
m4-network-as 4345/udp Macro 4 Network AS
# Paul Wren <Paul.Wren@macro4.com>
elanlm 4346/tcp ELAN LM
elanlm 4346/udp ELAN LM
# Paul Ballew <ballew@projtech.com>
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 <rmnich@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 Nucl eus
qsnet-nucl 4358/udp QSNet Nucl eus
# Neer Kleiman <neer@qsr.co.il>
# 4359-4425 Unassigned
beacon-port-2 4426/tcp SMARTS Beacon Port
beacon-port-2 4426/udp SMARTS Beacon Port
# Eyal Yardeni <eyal.yardeni@smarts.com> November 2003
# 4427-4441 Unassigned
saris 4442/tcp Sari s
saris 4442/udp Sari s
pharos 4443/tcp Pharos
pharos 4443/udp Pharos
# TeleConsult GmbH, 76275 Ettlingen, Germany
# <teleconsult@t-online.de>
krb524 4444/tcp KRB524
krb524 4444/udp KRB524
# B. Clifford Neuman <bcn@isi.edu>
# PROBLEM krb524 assigned the port,
# PROBLEM nv used it without an assignment
nv-video 4444/tcp NV Video default
nv-video 4444/udp NV Video default
# Ron Frederick <frederick@parc.xerox.com>
upnotifyp 4445/tcp UPNOTIFYP
upnotifyp 4445/udp UPNOTIFYP

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# Mark Fox <markf@uplanet.com>
n1-fwp 4446/tcp N1-FWP
n1-fwp 4446/udp N1-FWP
n1-rmgt 4447/tcp N1-RMGMT
n1-rmgt 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 Hui tema <Hui tema@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 Hyl aFAX
hylafax 4559/udp Hyl aFAX
# 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
# Pri mark Corporation <joe.boone@pri mark.com>
# 4602-4659 Unassigned
smaclmgr 4660/tcp smaclmgr
smaclmgr 4660/udp smaclmgr
# Hi romi 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>
# 4662-4671 Unassigned

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```

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
#
# 4753-4799 Unassigned
#
iims 4800/tcp Iona Instant Messaging System
iims 4800/udp Iona Instant Messaging System
iwec 4801/tcp Iona Web Embedded Chat
iwec 4801/udp Iona Web Embedded Chat
ilss 4802/tcp Iona License System Server
ilss 4802/udp Iona License System Server
#
# 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>
# 4895-4898 Unassigned
#
radmin-port 4899/tcp RAdmin Port
radmin-port 4899/udp RAdmin Port
#
# Dmitri Znosko <support@radmin.com> March 2003
# 4900-4982 Unassigned
#
att-intercom 4983/tcp AT&T Intercom
att-intercom 4983/udp AT&T Intercom
#
# Tony Hansen <intercom@mail.lenni.um.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>
#
parallel 4989/tcp Parallel for GAUSS (tm)
parallel 4989/udp Parallel for GAUSS (tm)
#
# Matthew Ford <Matthew.Ford@forward.com.au> March 2003
# 4990-4999 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>
#
avt-profile-1 5004/tcp avt-profile-1
avt-profile-1 5004/udp avt-profile-1
avt-profile-2 5005/tcp avt-profile-2

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avt-profile-2 5005/udp avt-profile-2
# Hennig Schulzrinné <schulzrinné@fokus.gmd.de>
wsm-server 5006/tcp wsm server
wsm-server 5006/udp wsm server
wsm-server-ssl 5007/tcp wsm server ssl
wsm-server-ssl 5007/udp wsm server ssl
# Adam Berk <aberk@empirix.com>
synapsis-edge 5008/tcp Synapsis EDGE
synapsis-edge 5008/udp Synapsis EDGE
# Paul Schilling <Paul.S@Synapsis.com>
# Unassigned
tel el pathstart 5009 Tel epathStart
tel el pathstart 5010/tcp Tel epathStart
tel el pathstart 5010/udp Tel epathStart
tel el pathattack 5011/tcp Tel epathAttack
tel el pathattack 5011/udp Tel epathAttack
# Helmut Hübner <hbrenf@vnet.ibm.com>
# Unassigned
zenginkyo-1 5012-5019 zenginkyo-1
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 <suzaki.m@noa.nttdata.jp>
mice 5022/tcp mice server
mice 5022/udp mice server
# Alan Clifford <alan@clifford.ac>
htuilsrv 5023/tcp Htuil Server for PLD2
htuilsrv 5023/udp Htuil Server for PLD2
# Dennis Reinhardt <DennisR@dair.com>
scpi-telnet 5024/tcp SCPI-TELNET
scpi-telnet 5024/udp SCPI-TELNET
scpi-raw 5025/tcp SCPI-RAW
scpi-raw 5025/udp SCPI-RAW
# Ryan Columbus <IANA_Contact@Agilent.com> October 2002
# Unassigned
asnaacceler8db 5026-5041 asnaacceler8db
asnaacceler8db 5042/tcp asnaacceler8db
asnaacceler8db 5042/udp asnaacceler8db
# Walter Goodwin <wpgoodwin@asna.com>
# Unassigned
mmcc 5043-5049 multimedia conference control tool
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>
# Unassigned
unot 5053-5054 UNOT
unot 5055/tcp UNOT
unot 5055/udp UNOT
# Gordon Mohr <gmohr@cmgsolutions.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>
# Unassigned
sip 5058-5059 SIP
sip 5060/tcp SIP
sip 5060/udp SIP
sip-tls 5061/tcp SIP-TLS
sip-tls 5061/udp SIP-TLS
# Hennig Schulzrinné <hgs@cs.columbia.edu>
# Unassigned
ca-1 5062-5063 Channel Access 1
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
# Unassigned
stanag-5066 5066-5067 STANAG-5066-SUBNET-INTF
stanag-5066 5066/tcp STANAG-5066-SUBNET-INTF
stanag-5066 5066/udp STANAG-5066-SUBNET-INTF
# Donald G. Kaligren
# <Donald.Kaligren@nc3a.nato.int>
# Unassigned
i-net-2000-npr 5062-5068 I/Net 2000-NPR
i-net-2000-npr 5069/tcp I/Net 2000-NPR
i-net-2000-npr 5069/udp I/Net 2000-NPR
# Kenny Garri son <Kenny_Garri son@csi control s.com>

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# 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>
# 5146-5149 Unassigned
atmp 5150/tcp Ascend Tunnel Management Protocol
atmp 5150/udp Ascend Tunnel Management Protocol
# Kory Hamzeh <kory@ascend.com>
esri_sde 5151/tcp ESRI SDE Instance
esri_sde 5151/udp ESRI SDE Remote Start
sde-discovery 5152/tcp ESRI SDE Instance Discovery
sde-discovery 5152/udp ESRI SDE Instance Discovery
# Peter Aronson <paronson@esri.com>
# 5153 Unassigned
bzflag 5154/tcp BZFlag game server
bzflag 5154/udp BZFlag game server
# Tim Riker <tim@riker.org> July 2003
# 5155-5164 Unassigned
ife_i_corp 5165/tcp ife_1corp
ife_i_corp 5165/udp ife_1corp
# 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
xmpp-client 5222/tcp XMPP Client Connection
xmpp-client 5222/udp XMPP Client Connection
# Peter Saint-Andre <stpeter@jabber.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>

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# 5227-5235 Unassigned
padl2sim 5236/tcp
padl2sim 5236/udp
# 5237-5249 Unassigned
igateway 5250/tcp
igateway 5250/udp
#
# Greg Bodine <gregory.bodine@ca.com> February 2002
# 5251-5263 Unassigned
3com-njack-1 5264/tcp 3Com Network Jack Port 1
3com-njack-1 5264/udp 3Com Network Jack Port 1
3com-njack-2 5265/tcp 3Com Network Jack Port 2
3com-njack-2 5265/udp 3Com Network Jack Port 2
#
# Abhay Rajaram <Abhay_Rajaram@3Com.com> March 2003
# 5266-5268 Unassigned
xmpp-server 5269/tcp XMPP Server Connection
xmpp-server 5269/udp XMPP Server Connection
#
# Peter Saint-Andre <stpeter@jabber.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 Yi m <eyim@hpmfas4.cup.hp.com>
# 5306/tcp Sun MC Group
sun-mc-grp 5306/udp Sun MC Group
#
# Michael DeMoney <demoney@eng.sun.com>
# 5307/tcp SCO AIP
sco-aip 5307/udp SCO AIP
#
# Barrie Cooper <barrie@sco.com>
# 5308/tcp CFengine
cfengine 5308/udp CFengine
#
# Mark Burgess <mark.burgess@iu.hi.oslo.no>
# 5309/tcp J Printer
jprinter 5309/udp J Printer
#
# Ken Blackwell <kenb@bristol.com>
# 5310/tcp Outlaws
outlaws 5310/udp Outlaws
#
# Richard Fi fe <richardf@lucasarts.com>
# 5311/tcp TM Login
tml ogi n 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>
# 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/tcp Rendezvous Message Exchange
rmx 5354/udp Rendezvous Message Exchange
#
# Bob Bradley <bradley@apple.com> January 2004
# 5355-5399 Unassigned
excerpt 5400/tcp Excerpt Search
excerpt 5400/udp Excerpt Search
excerpt 5401/tcp Excerpt Search Secure

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excerpts      5401/udp  Excerpt Search Secure
#              John Hindsdale <hinds@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@di.al.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 Miesel <steve@satelnet.org>
ns-server    5415/tcp  NS Server
ns-server    5415/udp  NS Server
#              Jeffrey Chiao <chiao@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 <holstage@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@di.al.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
#              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>
telacconsole 5428/tcp  TELACONSOLE
telacconsole 5428/udp  TELACONSOLE
#              Joseph M. Newcomer <newcomer@founder.com>
base         5429/tcp  Billing and Accounting System Exchange
base         5429/udp  Billing and Accounting System Exchange

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# Odo Maletzki <Odo.Maletzki@i-oag.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@liqufactio.com>
# 5436-5453 Unassigned
apc-5454 5454/tcp APC 5454
apc-5454 5454/udp APC 5454
apc-5455 5455/tcp APC 5455
apc-5455 5455/udp APC 5455
apc-5456 5456/tcp APC 5456
apc-5456 5456/udp APC 5456
# American Power Conversion <ports@apcc.com>
# 5457-5460 Unassigned
silkmeter 5461/tcp SILKMETER
silkmeter 5461/udp SILKMETER
# Klaus Feller <webmaster@segue.com> <kfeller@segue.com>
ttl-publisher 5462/tcp TTL Publisher
ttl-publisher 5462/udp TTL Publisher
# Peter Jacobs <pjacobs@tulib.com>
ttl-priceproxy 5463/tcp TTL Price Proxy
ttl-priceproxy 5463/udp TTL Price Proxy
# Peter Jacobs <pjacobs@tulib.com>
# 5464 Unassigned
netops-broker 5465/tcp NETOPS-BROKER
netops-broker 5465/udp NETOPS-BROKER
# John R. Deuel <kin@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>
# 5505-5552 Unassigned
sgi-eventmond 5553/tcp SGI Eventmond Port
sgi-eventmond 5553/udp SGI Eventmond Port
# Andrei Vilkotski <andrei.v@sgi.com> June 2003
sgi-esphhttp 5554/tcp SGI ESP HTTP
sgi-esphhttp 5554/udp SGI ESP HTTP
# Vladimir Legalov <legalov@sgi.com>
#####Port 5555 also used by HP Omni back#####
personal-agent 5555/tcp Personal Agent
personal-agent 5555/udp Personal Agent
# Jackie Wu <jackiew@infoseek.com>
#####
# 5556-5565 Unassigned
udppl us 5566/tcp UDPPUs
udppl us 5566/udp UDPPUs
# 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
# Kimberlly Gibbs <kimberly@CCGATE-UT.AXENT.COM>
a1-msc 5602/tcp A1-MSc
a1-msc 5602/udp A1-MSc
a1-bs 5603/tcp A1-BS
a1-bs 5603/udp A1-BS

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a3-sdunode      5604/tcp      A3-SDUNode
a3-sdunode      5604/udp      A3-SDUNode
a4-sdunode      5605/tcp      A4-SDUNode
a4-sdunode      5605/udp      A4-SDUNode
#
#                                     Mi ke Dol an <MDol an@i hcmai l . i h. l ucent. com>
#
# 5606-5630 Unassi gned
pcanywheredata 5631/tcp      pcANYWHEREdata
pcanywheredata 5631/udp      pcANYWHEREdata
pcanywherestat 5632/tcp      pcANYWHEREstat
pcanywherestat 5632/udp      pcANYWHEREstat
#
# 5633-5672 Unassi gned
jms             5673/tcp      JAcl Message Server
jms             5673/udp      JAcl Message Server
#
#                                     Stuart Allen <stuart@j acl . ani mats. 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
v5ua           5675/tcp      V5UA applicati on port
v5ua           5675/udp      V5UA applicati on port
#
#                                     Sanjay Rao <rsanj ay@nortel networks. com> February 2002
raadmi n       5676/tcp      RA Admi ni strati on
raadmi n       5676/udp      RA Admi ni strati on
#
#                                     Sergei Zjai ki n <serge@previ o. ee> February 2002
questdb2-l nchr 5677/tcp      Quest Central DB2 Launchr
questdb2-l nchr 5677/udp      Quest Central DB2 Launchr
#
#                                     Robert M. Mackowi ak <rmackowi ak@quest. com> February 2002
rrac           5678/tcp      Remote Repl icati on Agent Connecti on
rrac           5678/udp      Remote Repl icati on Agent Connecti on
dccm          5679/tcp      Di rect Cable Connect Manager
dccm          5679/udp      Di rect Cable Connect Manager
#
#                                     Mark Mi ller <mmi ller@MI CROSOFT. com>
# 5680-5687 Unassi gned
ggz           5688/tcp      GGZ Gami ng Zone
ggz           5688/udp      GGZ Gami ng Zone
#
#                                     Josef Spi ller <j s177634@i nf. tu-dresden. de> January 2003
# 5689-5712 Unassi gned
proshareaudi o 5713/tcp      proshare conf audi o
proshareaudi o 5713/udp      proshare conf audi o
prosharevi deo 5714/tcp      proshare conf vi deo
prosharevi deo 5714/udp      proshare conf vi deo
prosharedata  5715/tcp      proshare conf data
prosharedata  5715/udp      proshare conf data
prosharerequest 5716/tcp      proshare conf request
prosharerequest 5716/udp      proshare conf request
prosharenoti fy 5717/tcp      proshare conf noti fy
prosharenoti fy 5717/udp      proshare conf noti fy
#
#                                     <gunner@i beam. i ntel . com>
# 5718-5719 Unassi gned
ms-l i censi ng 5720/tcp      MS-Li censi ng
ms-l i censi ng 5720/udp      MS-Li censi ng
#
#                                     Thomas Lindeman <tl inde@mi crosoft. com> November 2002
# 5721-5728 Unassi gned
openmai l      5729/tcp      Openmai l User Agent Layer
openmai l      5729/udp      Openmai l User Agent Layer
#
#                                     OpenMai l Encycl opedi a <opencyc@hpopd. pwd. hp. com>
#                                     Don Loughry <DON_LOUGHRY@hp-cupertino-om4. om. hp. com>
uni eng        5730/tcp      Stel tor' s calendar access
uni eng        5730/udp      Stel tor' s calendar access
#
#                                     Bernard Desrui sseaux <bernard@stel tor. com>
# 5731-5740 Unassi gned
ida-di scover1 5741/tcp      IDA Di scover Port 1
ida-di scover1 5741/udp      IDA Di scover Port 1
ida-di scover2 5742/tcp      IDA Di scover Port 2
ida-di scover2 5742/udp      IDA Di scover Port 2
#
#                                     MPI Tech Support <morten. chri stensen@I -DATA. COM>
# 5743-5744 Unassi gned
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 Lei bovi tch <moshe@softl inkusa. com>
# 5747-5754 Unassi gned
openmai l g    5755/tcp      OpenMai l Desk Gateway server
openmai l g    5755/udp      OpenMai l Desk Gateway server

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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 Encyclopedi a >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>
#	5772-5776	Unassigned
dali-port	5777/tcp	DALI Port
dali-port	5777/udp	DALI Port
#		Wayne Morrow / Michael Melio <wmorrow@starfielddcorp.com> /
<meliodm@comcast.net>		October 2003
#	5778-5812	Unassigned
icmpd	5813/tcp	ICMPD
icmpd	5813/udp	ICMPD
#		Shane O'Donnell <shane@opennms.org>
spt-automation	5814/tcp	Support Automation
spt-automation	5814/udp	Support Automation
#		Ted Power <ted.power@hp.com> November 2003
#	5815-5858	Unassigned
wherehoo	5859/tcp	WHEREHOO
wherehoo	5859/udp	WHEREHOO
#		Jim Youll <jim@medial.mitt.edu>
#	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
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	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 <jim.davis@wbemsolutions.com>
wbem-https	5989/tcp	WBEM HTTPS
wbem-https	5989/udp	WBEM HTTPS
#		Jim Davis <jim.davis@wbemsolutions.com>
#	5990	Unassigned (Removed 2003-02-26)
nuxsl	5991/tcp	NUXSL
nuxsl	5991/udp	NUXSL
#		Kai Kretschmann <K.Kretschmann@security-gui.de> March 2002
#	5992-5998	Unassigned
cvsup	5999/tcp	CVSup
cvsup	5999/udp	CVSup
#		Randal Atkinson <rja@inet.org>
x11	6000-6063/tcp	X Window System
x11	6000-6063/udp	X Window System
#		Stephen Gildea <giidea@lcs.mitt.edu>
ndl-ahp-svc	6064/tcp	NDL-AHP-SVC
ndl-ahp-svc	6064/udp	NDL-AHP-SVC
#		John Richmond <john@ndl.co.uk>
wipharaoh	6065/tcp	Wi nPharaoh
wipharaoh	6065/udp	Wi nPharaoh
#		Basil Lee <basil.lee@gnnettest.com>
ewctsp	6066/tcp	EWCTSP
ewctsp	6066/udp	EWCTSP
#		Mark Bailon <mark.bailon@ericsson.com>
srb	6067/tcp	SRB
srb	6067/udp	SRB
#		Heinz Naef <heinz.naef@nexos.com>
gsmp	6068/tcp	GSMP
gsmp	6068/udp	GSMP
#		Avri Doria <avri.doria@nokia.com>
trip	6069/tcp	TRIP
trip	6069/udp	TRIP
#		Hussein F. Salama <hsalama@cisco.com>
messageasap	6070/tcp	Messageasap
messageasap	6070/udp	Messageasap

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# 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>
# Unassigned
konspire2b 6074-6084 konspire2b p2p network
konspire2b 6085/tcp konspire2b p2p network
konspire2b 6085/udp konspire2b p2p network
# Jason Rohrer <rohrer@cse.ucsc.edu> October 2002
# Unassigned
synchronet-db 6086-6099 SynchroNet-db
synchronet-db 6100/tcp SynchroNet-db
synchronet-db 6100/udp SynchroNet-db
synchronet-rtc 6101/tcp SynchroNet-rtc
synchronet-rtc 6101/udp SynchroNet-rtc
synchronet-upd 6102/tcp SynchroNet-upd
synchronet-upd 6102/udp SynchroNet-upd
# Arne Haugland <Arne.Haugland@parasoldev.com>
rets 6103/tcp RETS
rets 6103/udp RETS
# Bruce Toback <btoback@optc.com>
dbdb 6104/tcp DBDB
dbdb 6104/udp DBDB
# Aaron Brick <aa@lithic.org>
primaserver 6105/tcp Prima Server
primaserver 6105/udp Prima Server
mpserver 6106/tcp MPS Server
mpserver 6106/udp MPS Server
# Prima Design Systems Ltd. <info@prima.com.hk>
etc-control 6107/tcp ETC Control
etc-control 6107/udp ETC Control
# Steve Polishinski <spolishinski@etconnect.com>
sercomm-scdmin 6108/tcp Sercomm-SCAdmin
sercomm-scdmin 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 Scannel <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>
# Unassigned
backup-express 6113-6122 Backup Express
backup-express 6123/tcp Backup Express
backup-express 6123/udp Backup Express
# Chi Shih Chang <cchang@syncsort.com>
# Unassigned
meta-corp 6124-6140 Meta Corporation License Manager
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

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ricardo-lm      6148/udp      Ricardo North America License Manager
#              M Fleming <mfl emmi ng@aol . com>
tal -pod       6149/tcp      tal -pod
tal -pod       6149/udp      tal -pod
#              Steven Loomis <srl@taligent.com>
#              Unassigned
crip           6150-6252    Unassigned
crip           6253/tcp      CRIP
crip           6253/udp      CRIP
#              Mike Rodbell <mrodbell@ci ena. com>
#              Unassigned
bmc-grx        6254-6299    Unassigned
bmc-grx        6300/tcp      BMC GRX
bmc-grx        6300/udp      BMC GRX
#              Ed Penak <ed_penak@bmc.com>
#              Unassigned
emp-server1    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 <srdjan@empress.com>
#              Unassigned
sflow          6323-6342    Unassigned
sflow          6343/tcp      sFlow traffic monitoring
sflow          6343/udp      sFlow traffic monitoring
#              Peter Phaal <peter.phaal@i nmon. com> June 2003
#              Unassigned
gnutella-svc  6344-6345    Unassigned
gnutella-svc  6346/tcp      gnutella-svc
gnutella-svc  6346/udp      gnutella-svc
gnutella-rtr  6347/tcp      gnutella-rtr
gnutella-rtr  6347/udp      gnutella-rtr
#              Serguei Osokine <osokine@paragraph.com>
#              Unassigned
metatude-mds  6348-6381    Unassigned
metatude-mds  6382/tcp      Metatude Dialogue Server
metatude-mds  6382/udp      Metatude Dialogue Server
#              Menno Zweistra <m.zweistra@metatude.com>
#              Unassigned
clariion-evr01 6383-6388    Unassigned
clariion-evr01 6389/tcp      clariion-evr01
clariion-evr01 6389/udp      clariion-evr01
#              Dave DesRoches <d-desroches@clariion.com>
#              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>
#              Unassigned
skip-cert-recv 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>
#              Unassigned
lvision-lm    6457-6470    Unassigned
lvision-lm    6471/tcp      LVision License Manager
lvision-lm    6471/udp      LVision License Manager
#              Brian McKinnon <bmkl@lvision.com>
#              Unassigned
boks          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>
#              Unassigned
badm_priv     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

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bdi r_priv 6507/udp BoKS Dir Server, Private Port
bdi r_pub 6508/tcp BoKS Dir Server, Public Port
bdi r_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
# Mi noru Ozaki <Mi noru. Ozaki @rdmg. mgcs. mei . co. j p>
mcer-port 6510/tcp MCER Port
mcer-port 6510/udp MCER Port
# Ade Adebayo <ade@us. i tmasters. com>
# 6511-6542 Unassi gned
lds-di stri b 6543/tcp lds_di stri b
lds-di stri b 6543/udp lds_di stri b
# Jack Baker <Jack. Baker@L-3Com. com> June 2003
# 6544-6546 Unassi gned
apc-6547 6547/tcp APC 6547
apc-6547 6547/udp APC 6547
apc-6548 6548/tcp APC 6548
apc-6548 6548/udp APC 6548
apc-6549 6549/tcp APC 6549
apc-6549 6549/udp APC 6549
# American Power Conversi on <ports@apcc. com>
fg-sysupdate 6550/tcp fg-sysupdate
fg-sysupdate 6550/udp fg-sysupdate
# Mark Beyer <mbeyer@freegate. com>
# 6551-6557 Unassi gned
xdsx dm 6558/tcp
xdsx dm 6558/udp
# Bri an Tackett <cym@acrux. net> possi ble contact
# 6559-6565 Unassi gned
sane-port 6566/tcp SANE Control Port
sane-port 6566/udp SANE Control Port
# Henni ng Mei er-Gei ni tz <henni ng@mei er-gei ni tz. de> October 2002
# 6567-6579 Unassi gned
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 <si d@parsec. org>
# 6583-6587 Unassi gned
# 6588 Unassi gned
####Unoffi ci al use of port 6588 by AnalogX and Mi cros oft####
# 6589-6627 Unassi gned
afesc-mc 6628/tcp AFE Stock Channel M/C
afesc-mc 6628/udp AFE Stock Channel M/C
# Timothy Tam <ttam@hkci x. com> March 2003
# 6629-6630 Unassi gned
mach 6631/tcp Mi tchel l telecom host
mach 6631/udp Mi tchel l telecom host
# Mark Derai l <mderai l@dmi b. com> March 2003
# 6632-6664 Unassi gned
ircu 6665-6669/tcp IRCU
ircu 6665-6669/udp IRCU
# Bri an Tackett <cym@acrux. net>
vocal tec-gol d 6670/tcp Vocal tec Global Onl i ne Di rectory
vocal tec-gol d 6670/udp Vocal tec Global Onl i ne Di rectory
# Scott Petrack <Scott_Petrack@vocal tec. com>
# 6671 Unassi gned
vi si on_server 6672/tcp vi si on_server
vi si on_server 6672/udp vi si on_server
vi si on_el md 6673/tcp vi si on_el md
vi si on_el md 6673/udp vi si on_el md
# Chri s Kramer <CKramer@gi s. shl . com>
# 6674-6700 Unassi gned
kti -i cad-srvr 6701/tcp KTI /ICAD Nameserver
kti -i cad-srvr 6701/udp KTI /ICAD Nameserver
# Stanl ey Knutson <Stanl ey. Knutson@KTI worl d. com>
# 6702-6713 Unassi gned
i bprotocol 6714/tcp I nternet Backpl ane Protocol
i bprotocol 6714/udp I nternet Backpl ane Protocol
# Al essandro Bassi <abassi @cs. utk. edu>
# 6715-6766 Unassi gned
bmc-perf-agent 6767/tcp BMC PERFORM AGENT
bmc-perf-agent 6767/udp BMC PERFORM AGENT

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bmc-perf-mgrd	6768/tcp	BMC PERFORM MGRD
bmc-perf-mgrd	6768/udp	BMC PERFORM MGRD
#		Dima Seliverstov <Dima_Seliverstov@bmc.com>
#	6769-6787	Unassigned
smc-http	6788/tcp	SMC-HTTP
smc-http	6788/udp	SMC-HTTP
#		Ratnadeep Bhattacharjee <ratnadeep.bhattacharjee@sun.com>
November 2002		
smc-https	6789/tcp	SMC-HTTPS
smc-https	6789/udp	SMC-HTTPS
#		Ratnadeep Bhattacharjee <ratnadeep.bhattacharjee@sun.com> August
2002		
hnmp	6790/tcp	HNMP
hnmp	6790/udp	HNMP
#		Jude George <jude@nas.nasa.gov>
#	6791-6830	Unassigned
ambit-lm	6831/tcp	ambit-lm
ambit-lm	6831/udp	ambit-lm
#		Don Hejna <dhejna@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
i atp-highpri	6998/tcp	IATP-highPri
i atp-highpri	6998/udp	IATP-highPri
i atp-normal pri	6999/tcp	IATP-normal Pri
i atp-normal pri	6999/udp	IATP-normal Pri
#		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 management server
afs3-volser	7005/udp	volume management 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

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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 Hammi II <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
microtalondis	7013/tcp	Microtalon Discovery
microtalondis	7013/udp	Microtalon Discovery
microtalcom	7014/tcp	Microtalon Communications
microtalcom	7014/udp	Microtalon Communications
talon-webserver	7015/tcp	Talon Webserver
talon-webserver	7015/udp	Talon Webserver
#		Jack Curtin <curtinj@powerware.com>
#	7016-7019	Unassigned
dpserve	7020/tcp	DP Serve
dpserve	7020/udp	DP Serve
dpserveadmin	7021/tcp	DP Serve Admin
dpserveadmin	7021/udp	DP Serve Admin
#		Allan Stanley <allan@hummingbird.com>
#	7022-7029	Unassigned
op-probe	7030/tcp	ObjectPlanet probe
op-probe	7030/udp	ObjectPlanet probe
#		Bjorn Jarle Kvande <bjorn@objectplanet.com> April 2002
#	7031-7069	Unassigned
arcp	7070/tcp	ARCP
arcp	7070/udp	ARCP
#		Jude George <jude@nas.nasa.gov>
#	7071-7098	Unassigned
lazy-ptop	7099/tcp	lazy-ptop
lazy-ptop	7099/udp	lazy-ptop
#		Guy Keren <Guy_Keren@mail.sti.lscitex.com>
font-service	7100/tcp	X Font Service
font-service	7100/udp	X Font Service
#		Stephen Gildea <giidea@lcs.mit.edu>
#	7101-7120	Unassigned
virprot-lm	7121/tcp	Virtual Prototypes License Manager
virprot-lm	7121/udp	Virtual Prototypes License Manager
#		Victor Galis <galis@satchmo.virtualprototypes.ca>
#	7122-7173	Unassigned
clutild	7174/tcp	Clutild
clutild	7174/udp	Clutild
#		Cheryl Stoutenburg <cstoutenburg@vnet.ibm.com>
#	7175-7199	Unassigned
fodms	7200/tcp	FODMS FLIP
fodms	7200/udp	FODMS FLIP
#		David Anthony <anthony@power.amasd.anatcp.rockwell.com>
dlip	7201/tcp	DLIP
dlip	7201/udp	DLIP
#		Albert Manfredi <manfredi@engr05.comsys.rockwell.com>
#	7202-7226	Unassigned
ramp	7227/tcp	Registry A & M Protocol
ramp	7227/udp	Registry A \$ M Protocol
#		John Havard <jh@hxe.us> November 2003
#	7228-7279	Unassigned
itactionserver1	7280/tcp	ITACTIONSERVER 1
itactionserver1	7280/udp	ITACTIONSERVER 1
itactionserver2	7281/tcp	ITACTIONSERVER 2
itactionserver2	7281/udp	ITACTIONSERVER 2
#		Brian Taylor <btaylor@imagetag.com>
#	7282-7299	Unassigned
swx	7300-7390	The Swiss Exchange
#		Edgar Blum <edgar.blum@swx.ch>
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
#		Dave Porter <porter@mango.com>
#	7393-7394	Unassigned
winqedit	7395/tcp	winqedit
winqedit	7395/udp	winqedit
#		David Greer <david_greer@robelle.com>
#	7396-7425	Unassigned

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pmdmgr	7426/tcp	OpenVi ew DM Postmaster Manager
pmdmgr	7426/udp	OpenVi ew DM Postmaster Manager
oveadmgr	7427/tcp	OpenVi ew DM Event Agent Manager
oveadmgr	7427/udp	OpenVi ew DM Event Agent Manager
ovl admgr	7428/tcp	OpenVi ew DM Log Agent Manager
ovl admgr	7428/udp	OpenVi ew DM Log Agent Manager
opi -sock	7429/tcp	OpenVi ew DM rqt communi cation
opi -sock	7429/udp	OpenVi ew DM rqt communi cation
xmpv7	7430/tcp	OpenVi ew DM xmpv7 api pi pe
xmpv7	7430/udp	OpenVi ew DM xmpv7 api pi pe
pmd	7431/tcp	OpenVi ew DM ovc/xmpv3 api pi pe
pmd	7431/udp	OpenVi ew DM ovc/xmpv3 api pi pe
#		Dave Lamb <rdl@rdl.cnd.hp.com>
faxi mum	7437/tcp	Faxi mum
faxi mum	7437/udp	Faxi mum
#		George Paj ari <George.Paj ari@faxi mum.com>
#	7438-7490	Unassi gned
tel ops-l md	7491/tcp	tel ops-l md
tel ops-l md	7491/udp	tel ops-l md
#		Davi d Spencer <dspencer@tel ops.com>
#	7492-7499	Unassi gned
silhouette	7500/tcp	Si lhouette User
silhouette	7500/udp	Si lhouette User
#		Anthony Payne <opayne@pacbell.net> February 2004
ovbus	7501/tcp	HP OpenVi ew Bus Daemon
ovbus	7501/udp	HP OpenVi ew Bus Daemon
#		Davi d M. Rhodes <davi drho@cnd.hp.com>
#	7502-7509	Unassi gned
ovhpa s	7510/tcp	HP OpenVi ew Appl i cation Server
ovhpa s	7510/udp	HP OpenVi ew Appl i cation Server
#		Jeff Conrad <j eff_conrad@hp.com>
pafec-l m	7511/tcp	pafec-l m
pafec-l m	7511/udp	pafec-l m
#		Bi lly Dhi l l on <bdsos@pafec.co.uk>
#	7512-7543	Unassi gned
nta-ds	7544/tcp	Fl owAnal yzer Di spl ayServer
nta-ds	7544/udp	Fl owAnal yzer Di spl ayServer
nta-us	7545/tcp	Fl owAnal yzer Ut i l i tyServer
nta-us	7545/udp	Fl owAnal yzer Ut i l i tyServer
#		Fred Messi nger <fredm@ci sco.com>
#	7546-7565	Unassi gned
vsi -omega	7566/tcp	VSI Omega
vsi -omega	7566/udp	VSI Omega
#		Curti s Smi th <curti s.smi th@vsi n.com>
#	7567-7569	Unassi gned
ari es-kfi nder	7570/tcp	Ari es Kfi nder
ari es-kfi nder	7570/udp	Ari es Kfi nder
#		James Ki ng, III <j ki ng@ari essys.com>
#	7571-7587	Unassi gned
sun-l m	7588/tcp	Sun Li cense Manager
sun-l m	7588/udp	Sun Li cense Manager
#		Sophi e Deng <Sophi e.Deng@Eng.Sun.COM>
#	7589-7623	Unassi gned
i ndi	7624/tcp	Inst rument Neutral Di stri buted Interface
i ndi	7624/udp	Inst rument Neutral Di stri buted Interface
#		El wood Downey <ecdowney@cl earskyi nsti tute.com> April 2002
#	7625-7632	Unassi gned
pmdfmg t	7633/tcp	PMDF Management
pmdfmg t	7633/udp	PMDF Management
#		Hunter Goatley <goathunter@goatley.com>
#	7634-7673	Unassi gned
i mq tunnel s	7674/tcp	i MQ SSL tunnel
i mq tunnel s	7674/udp	i MQ SSL tunnel
i mq tunnel	7675/tcp	i MQ Tunnel
i mq tunnel	7675/udp	i MQ Tunnel
#		Shai l esh S. Bavadekar <shai l esh.bavadekar@sun.com> April 2002
i mq brokerd	7676/tcp	i MQ Broker Rendezvous
i mq brokerd	7676/udp	i MQ Broker Rendezvous
#		Joseph Di Pol <j oe.di pol@sun.com> April 2002
#	7677-7719	Unassi gned
medi mageportal	7720/tcp	MedI mage Portal
medi mageportal	7720/udp	MedI mage Portal
#		Ken Hornak <ken_hornak@medi mage.com> October 2003
#	7721-7742	Unassi gned
sstp-1	7743/tcp	Sakura Scri pt Transfer Protocol
sstp-1	7743/udp	Sakura Scri pt Transfer Protocol

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# Kouichi Takeda <KHB05271@nifty.com>
# 7744-7776 Unassigned
cbt 7777/tcp cbt
cbt 7777/udp cbt
# Tony Ballardi <A.Ballardi@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 Nguyen <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
mini vend 7786/tcp MINIVEND
mini vend 7786/udp MINIVEND
# Mike Heins <mike@mini vend.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-7845 7845/tcp APC 7845
apc-7845 7845/udp APC 7845
apc-7846 7846/tcp APC 7846
apc-7846 7846/udp APC 7846
# American Power Conversion <ports@apcc.com>
# 7847-7912 Unassigned
qo-secure 7913/tcp QuickObjects secure port
qo-secure 7913/udp QuickObjects secure port
# Jonas Bovi n <jonas.bovin@quickobjects.com>
# 7914-7931 Unassigned
t2-drm 7932/tcp Tier 2 Data Resource Manager
t2-drm 7932/udp Tier 2 Data Resource Manager
t2-brm 7933/tcp Tier 2 Business Rules Manager
t2-brm 7933/udp Tier 2 Business Rules Manager
# Peter Carlson <pcarlson@tier2.com>
# 7934-7966 Unassigned
supercell 7967/tcp Supercell
supercell 7967/udp Supercell
# Kevin Nakagawa <nakagawa@sigsco.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 iRDMI 2
irdmi2 7999/udp iRDMI 2
irdmi 8000/tcp iRDMI
irdmi 8000/udp iRDMI
# Gil Shafri ri <shafri ri@ilccm1.intel.com>
vcom-tunnel 8001/tcp VCOM Tunnel
vcom-tunnel 8001/udp VCOM Tunnel
# Mark Lewandowski <ml ewan0@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 Gira ult <Denis.Gira ult@evidi an.com>
# 8023-8031 Unassigned
pro-ed 8032/tcp ProEd
pro-ed 8032/udp ProEd
mindprint 8033/tcp MindPrint

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cruise-swroute 8377/udp Cruise SWROUTE
cruise-config 8378/tcp Cruise CONFIG
cruise-config 8378/udp Cruise CONFIG
cruise-diags 8379/tcp Cruise DIAGS
cruise-diags 8379/udp Cruise DIAGS
cruise-update 8380/tcp Cruise UPDATE
cruise-update 8380/udp Cruise UPDATE
#
# Steve Husak <portmaster@cruisetech.com>
#
# 8381-8399 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 admin
admind 8403/udp admin
#
# Aaron Bilbrey <abilbrey@commvault.com>
#
# 8404-8415 Unassigned
espeech 8416/tcp eSpeech Session Protocol
espeech 8416/udp eSpeech Session Protocol
#
# Scott Tarone <starone@proactivethought.com> November 2002
espeech-rtp 8417/tcp eSpeech RTP Protocol
espeech-rtp 8417/udp eSpeech RTP Protocol
#
# Scott Tarone <starone@proactivethought.com> April 2003
#
# 8418-8442 Unassigned
pcsync-https 8443/tcp PCsync HTTPS
pcsync-https 8443/udp PCsync HTTPS
pcsync-http 8444/tcp PCsync HTTP
pcsync-http 8444/udp PCsync HTTP
#
# Katy Lynn McCullough <KatyM@LapLink.com>
#
# 8445-8449 Unassigned
npmp 8450/tcp npmp
npmp 8450/udp npmp
#
# Ian Chard <ian@tanagra.demon.co.uk>
#
# 8451-8472 Unassigned
vp2p 8473/tcp Virtual Point to Point
vp2p 8473/udp Virtual Point to Point
#
# Jerome Grimbert <jerome.grimbert@atosorigin.com>
#
# 8474-8449 Unassigned
fde 8500/tcp Flight Data Exchange
fde 8500/udp Flight Data Exchange
#
# Eivan Cerasi <eivan.cerasi@eurocontrol.int> December 2003
rtsp-alt 8554/tcp RTSP Alternate (see port 554)
rtsp-alt 8554/udp RTSP Alternate (see port 554)
#
# Stephen Casner <casner@precept.com>
d-fence 8555/tcp SYMAX D-FENCE
d-fence 8555/udp SYMAX D-FENCE
#
# Thomas Geisel <tgeisel@symax.de> January 2003
#
# 8556-8610 Unassigned
canon-bjnp1 8611/tcp Canon BJNP Port 1
canon-bjnp1 8611/udp Canon BJNP Port 1
#
# Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp2 8612/tcp Canon BJNP Port 2
canon-bjnp2 8612/udp Canon BJNP Port 2
#
# Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp3 8613/tcp Canon BJNP Port 3
canon-bjnp3 8613/udp Canon BJNP Port 3
#
# Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp4 8614/tcp Canon BJNP Port 4
canon-bjnp4 8614/udp Canon BJNP Port 4
#
# Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
#
# 8615-8732 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 Kasanwidojo <romeo@micromgroup.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>

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# 8766-8785 Unassigned
msgclnt 8786/tcp Message Client
msgclnt 8786/udp Message Client
msgsrvr 8787/tcp Message Server
msgsrvr 8787/udp Message Server
# Michael O'Brien <mobrien02@comcast.net> March 2003
# 8788-8803 Unassigned
truecm 8804/tcp truecm
truecm 8804/udp truecm
# Scott Kramer <scottk@truebluesoftware.com>
# 8805-8879
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@DDI.GATE2.desktopdata.com>
# 8895-8899 Unassigned
jmb-cds1 8900/tcp JMB-CDS 1
jmb-cds1 8900/udp JMB-CDS 1
jmb-cds2 8901/tcp JMB-CDS 2
jmb-cds2 8901/udp JMB-CDS 2
# Curtis Bray <CurtisB@creative-design.com>
# 8902-8909 Unassigned
manyone-http 8910/tcp anyone-http
manyone-http 8910/udp anyone-http
manyone-xml 8911/tcp anyone-xml
manyone-xml 8911/udp anyone-xml
# Matt King <m@anyone.net> April 2002
# 8912-8953 Unassigned
cumulus-admin 8954/tcp Cumulus Admin Port
cumulus-admin 8954/udp Cumulus Admin Port
# Thomas Schlieu <tschlieu@canto.de>
# 8955-8998 Unassigned
bctp 8999/tcp Brodos Crypto Trade Protocol
bctp 8999/udp Brodos Crypto Trade Protocol
# Alexander Sahlner <alexander.sahlner@brodos.de> February 2002
cslistener 9000/tcp CSListener
cslistener 9000/udp CSListener
# David Jones <djones@cincom.com>
etl-service-manager 9001/tcp ETL Service Manager
etl-service-manager 9001/udp ETL Service Manager
# Stephen McCrea <smccrea@etlelectronique.com> March 2002
dynamid 9002/tcp DynamID authentication
dynamid 9002/udp DynamID authentication
# Jerome Dusautois <jdusautois@scrypto.fr> March 2002
# 9003-9005 Unassigned
# 9006 De-Commissioned Port 02/24/00, ms
# 9007-9019 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@pangolin.com> March 2002
paragent 9022/tcp PrivateArk Remote Agent
paragent 9022/udp PrivateArk Remote Agent
# Gal Cucuy <galc@cyber-ark.com> March 2002
swa-1 9023/tcp Secure Web Access - 1
swa-1 9023/udp Secure Web Access - 1
swa-2 9024/tcp Secure Web Access - 2
swa-2 9024/udp Secure Web Access - 2
swa-3 9025/tcp Secure Web Access - 3

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swa-3      9025/udp  Secure Web Access - 3
swa-4      9026/tcp  Secure Web Access - 4
swa-4      9026/udp  Secure Web Access - 4
#
#          9027-9079  Unassigned
glrpc      9080/tcp  Groove GLRPC
glrpc      9080/udp  Groove GLRPC
#
#          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
#
#          Shi vaun Al bright <shi vaun_ al bright@hp.com> April 2002
##### The protocol name "pdl-datastream" is primarily registered for use #####
##### in DNS SRV records (RFC 2782). DNS SRV records allow a protocol to run on #####
##### any port number, but the default port for this protocol is 9100 #####.
pdl-datastream 9100/tcp  Printer PDL Data Stream
pdl-datastream 9100/udp  Printer PDL Data Stream
#
#          Stuart Cheshire <pdl-datastream@apple.com> September 2002
bacula-dir 9101/tcp  Bacula Director
bacula-dir 9101/udp  Bacula Director
bacula-fd  9102/tcp  Bacula File Daemon
bacula-fd  9102/udp  Bacula File Daemon
bacula-sd  9103/tcp  Bacula Storage Daemon
bacula-sd  9103/udp  Bacula Storage Daemon
#
#          Kern Sibbald <kern@sibbald.com> January 2002
peerwire   9104/tcp  PeerWire
peerwire   9104/udp  PeerWire
#
#          Steven Gerhardt <sgerhardt@ixiononline.com> February 2004
#          9105-9159  Unassigned
netlock1   9160/tcp  NetLOCK1
netlock1   9160/udp  NetLOCK1
netlock2   9161/tcp  NetLOCK2
netlock2   9161/udp  NetLOCK2
netlock3   9162/tcp  NetLOCK3
netlock3   9162/udp  NetLOCK3
netlock4   9163/tcp  NetLOCK4
netlock4   9163/udp  NetLOCK4
netlock5   9164/tcp  NetLOCK5
netlock5   9164/udp  NetLOCK5
#
#          Steven Sawkins <ssawkins@netlock.com>
#          9165-9199  Unassigned
wap-wsp    9200/tcp  WAP connecti onless sessi on servi ce
wap-wsp    9200/udp  WAP connecti onless sessi on servi ce
wap-wsp-wtp 9201/tcp  WAP sessi on servi ce
wap-wsp-wtp 9201/udp  WAP sessi on servi ce
wap-wsp-s  9202/tcp  WAP secure connecti onless sessi on servi ce
wap-wsp-s  9202/udp  WAP secure connecti onless sessi on servi ce
wap-wsp-wtp-s 9203/tcp  WAP secure sessi on servi ce
wap-wsp-wtp-s 9203/udp  WAP secure sessi on servi ce
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
#
#          Locati on Interoperabi lity Forum
#          <greeni ng@bi gtri be.com> April 2002
#          9212-9216  Unassigned
fsc-port   9217/tcp  FSC Communi cati on Port
fsc-port   9217/udp  FSC Communi cati on Port

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# 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
callwaveam 9283/tcp CallWaveAM
callwaveam 9283/udp CallWaveAM
# 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 Schlu <tschlu@canto.de>
# 9288-9291 Unassigned
armtechdaemon 9292/tcp ArmTech Daemon
armtechdaemon 9292/udp ArmTech Daemon
# Rohan Story <rohan@aurema.com>
# 9293-9320 Unassigned
gui base 9321/tcp gui base
gui base 9321/udp gui base
# Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
# 9322-9342 Unassigned
mpidmgr 9343/tcp Mpl dcMgr
mpidmgr 9343/udp Mpl dcMgr
mphl pdmc 9344/tcp Mphl pdmc
mphl pdmc 9344/udp Mphl pdmc
# 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
fjdmigr 9374/tcp fjdmigr
fjdmigr 9374/udp fjdmigr
# Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
# 9375-9395 Unassigned
fjinvmgr 9396/tcp fjinvmgr
fjinvmgr 9396/udp fjinvmgr
mpidcagt 9397/tcp Mpl dcAgt
mpidcagt 9397/udp Mpl dcAgt
# Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
# 9398-9499 Unassigned
i smsserver 9500/tcp i smsserver
i smsserver 9500/udp i smsserver
# Ian Gordon <iang@micromuse.co.uk>
# 9501-9534 Unassigned
mngsuite 9535/tcp Management Suite Remote Control
mngsuite 9535/udp Management Suite Remote Control
# Alan Butt <alan.butt@landesk.com>
# 9536-9593 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.butt@landesk.com>
# 9596-9599 Unassigned
micromuse-ncpw 9600/tcp MICROMUSE-NCPW
micromuse-ncpw 9600/udp MICROMUSE-NCPW
# Hi ng Wi ng To <wi ng.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 L5NAS Parallel Channel
l5nas-parchan 9747/udp L5NAS Parallel Channel
# Lawrence J. Dickson - Land-5 Corporation
# <ldickson@land-5.com> March 2002
# 9748-9752 Unassigned

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```

rasadv          9753/tcp    rasadv
rasadv          9753/udp    rasadv
#
#              9754-9799  Unassigned
#              9800/tcp    WebDav Source Port
davsrv          9800/udp    WebDav Source Port
#              9801/tcp    Sakura Script Transfer Protocol -2
sstp-2          9801/udp    Sakura Script Transfer Protocol -2
#              9802/tcp    WebDAV Source TLS/SSL
davsrvs         9802/udp    WebDAV Source TLS/SSL
#              9803-9874  Unassigned
#              9875/tcp    Session Announcement v1
sapv1           9875/udp    Session Announcement v1
#              9876/tcp    Session Director
sd              9876/udp    Session Director
#              9888/tcp    CYBORG Systems
cyborg-systems 9888/udp    CYBORG Systems
#              9898/tcp    MonkeyCom
monkeycom       9898/udp    MonkeyCom
#              9899/tcp    SCTP TUNNELING
sctp-tunneling 9899/udp    SCTP TUNNELING
#              9900/tcp    IUA
iua             9900/udp    IUA
iua             9900/sctp  IUA
#              9901-9908  Unassigned
#              9909/tcp    domain time
domaintime      9909/udp    domain time
#              9910       Unassigned
#              9911/tcp    SYPECom Transport Protocol
sype-transport 9911/udp    SYPECom Transport Protocol
#              9912-9949  Unassigned
#              9950/tcp    APC 9950
apc-9950        9950/udp    APC 9950
#              9951/tcp    APC 9951
apc-9951        9951/udp    APC 9951
#              9952/tcp    APC 9952
apc-9952        9952/udp    APC 9952
#              9953-9989  Unassigned
#              9990/tcp    OSM Applet Server
osm-appsrvr     9990/udp    OSM Applet Server
#              9991/tcp    OSM Event Server
osm-oev         9991/udp    OSM Event Server
#              9992/tcp    OnLive-1
palace-1        9992/udp    OnLive-1
#              9993/tcp    OnLive-2
palace-2        9993/udp    OnLive-2
#              9994/tcp    OnLive-3
palace-3        9994/udp    OnLive-3
#              9995/tcp    Palace-4
palace-4        9995/udp    Palace-4
#              9996/tcp    Palace-5
palace-5        9996/udp    Palace-5
#              9997/tcp    Palace-6
palace-6        9997/udp    Palace-6
#              9998/tcp    Distinct32
distinct32      9998/udp    Distinct32
#              9999/tcp    distinct
distinct        9999/udp    distinct
#              10000/tcp   Network Data Management Protocol
ndmp            10000/udp   Network Data Management Protocol
#              Brian Ehrmantraut <bae@netapp.com>

```

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```
scp-config 10001/tcp SCP Configuration Port
scp-config 10001/udp SCP Configuration Port
# Brad Strand <brad.strand@3ware.com>
# 10002-10006 Unassigned
mvs-capacity 10007/tcp MVS Capacity
mvs-capacity 10007/udp MVS Capacity
# Donna Dillenberger <engd@us.ibm.com>
octopus 10008/tcp Octopus Multiplexer
octopus 10008/udp Octopus Multiplexer
# Chris Koeritz <fred@gruntose.com> October 2002
# 10009-10079 Unassigned
amanda 10080/tcp Amanda
amanda 10080/udp Amanda
# John Jackson <jrj@gandal.f.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-voip 10116/tcp NetIQ VoIP Assessor
netiq-voip 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>
# 10129-10251 Unassigned
apollo-relay 10252/tcp Apollo Relay Port
apollo-relay 10252/udp Apollo Relay Port
# Anthony Carrabino <anthony@cvi-stasoftware.com> August 2003
# 10253-10259 Unassigned
axis-wimp-port 10260/tcp Axis WIMP Port
axis-wimp-port 10260/udp Axis WIMP Port
# Stefan Eriksson <contact-iana@axis.com>
# 10261-10287 Unassigned
blocks 10288/tcp Blocks
blocks 10288/udp Blocks
# Carl Malamud
# 10289-10989 Unassigned
rmi aux 10990/tcp Auxiliary RMI Port
rmi aux 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-channel 11320/tcp IMIP Channels Port
```

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```

i mip-channel s 11320/udp IMIP Channel s Port
# Len Zuvel a <lenz@microsoft.com>
arena-server 11321/tcp Arena Server Li sten
arena-server 11321/udp Arena Server Li sten
# Earl Branni gan <earl.branni gan@lindenhou s.co.uk>
# 11322-11366 Unassi gned
atm-uhas 11367/tcp ATM UHAS
atm-uhas 11367/udp ATM UHAS
# Todd Barker <toddba@attachmate.com>
# 11368-11370 Unassi gned
hkp 11371/tcp OpenPGP HTTP Keyserver
hkp 11371/udp OpenPGP HTTP Keyserver
# Davi d Shaw <dshaw@jabberwocky.com> May 2003
# 11372-11599 Unassi gned
tempest-port 11600/tcp Tempest Protocol Port
tempest-port 11600/udp Tempest Protocol Port
# Francis Ci anfrocca <franci s@tempest.com>
# 11601-11719 Unassi gned
h323call si gal t 11720/tcp h323 Call Si gnal Al ternate
h323call si gal t 11720/udp h323 Call Si gnal Al ternate
# Chri s Whi te <cjwhi te@cisco.com>
# 11721-11750 Unassi gned
intrepid-ssl 11751/tcp Intrepid SSL
intrepid-ssl 11751/udp Intrepid SSL
# Robert Eden <reden@sigl ertech.com> March 2003
# 11752-11966 Unassi gned
sysinfo-sp 11967/tcp SysInfo Servi ce Protocol
sysinfo-sp 11967/udp SysInfo Servi ce Protocol
# Mi ke Cooper <mcooper@magnicomp.com> March 2003
# 11968-11999 Unassi ged
entextxid 12000/tcp IBM Enterpri se Extender SNA XI D Exchange
entextxid 12000/udp IBM Enterpri se Extender SNA XI D Exchange
entextnetwk 12001/tcp IBM Enterpri se Extender SNA COS Network Pri ori ty
entextnetwk 12001/udp IBM Enterpri se Extender SNA COS Network Pri ori ty
entexthigh 12002/tcp IBM Enterpri se Extender SNA COS Hi gh Pri ori ty
entexthigh 12002/udp IBM Enterpri se Extender SNA COS Hi gh Pri ori ty
entextmed 12003/tcp IBM Enterpri se Extender SNA COS Medi um Pri ori ty
entextmed 12003/udp IBM Enterpri se Extender SNA COS Medi um Pri ori ty
entextlow 12004/tcp IBM Enterpri se Extender SNA COS Low Pri ori ty
entextlow 12004/udp IBM Enterpri se Extender SNA COS Low Pri ori ty
# Eugene Cox <genecox@raleigh.ibm.com>
dbisamserver1 12005/tcp DBI SAM Database Server - Regul ar
dbisamserver1 12005/udp DBI SAM Database Server - Regul ar
dbisamserver2 12006/tcp DBI SAM Database Server - Admi n
dbisamserver2 12006/udp DBI SAM Database Server - Admi n
# Ti m Young <timyoung@el evatesoft.com> May 2002
# 12007-12108 Unassi gned
rets-ssl 12109/tcp RETS over SSL
rets-ssl 12109/udp RETS over SSL
# Bruce Toback <btoback@optc.com> February 2003
# 12110-12171 Unassi gned
hivep 12172/tcp Hi veP
hivep 12172/udp Hi veP
# Di ck Augustsson <di ck@skenbe.net>
# 12173-12344 Unassi gned
italk 12345/tcp Italk Chat System
italk 12345/udp Italk Chat System
# Takayuki I to <yuki@euc.jp>
# 12346-12752 Unassi gned
tsaf 12753/tcp tsaf port
tsaf 12753/udp tsaf port
# Andreas Fehr <100042.2070@CompuServe.COM>
# 12754-13159 Unassi gned
i-zipqd 13160/tcp I-ZI PQD
i-zipqd 13160/udp I-ZI PQD
# Chuck Runqui st <crunqui st@quarterdeck.com>
# 13161-13222 Unassi gned
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 Unassi gned
bprd 13720/tcp BPRD Protocol (VERI TAS NetBackup)
bprd 13720/udp BPRD Protocol (VERI TAS NetBackup)
bpdbm 13721/tcp BPDBM Protocol (VERI TAS NetBackup)

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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-conf 13818/tcp  DSMCC Config
dsmcc-conf 13818/udp  DSMCC Config
dsmcc-sessi 13819/tcp  DSMCC Session Messages
dsmcc-sessi 13819/udp  DSMCC Session Messages
dsmcc-passt 13820/tcp  DSMCC Pass-Thru Messages
dsmcc-passt 13820/udp  DSMCC Pass-Thru Messages
dsmcc-downl 13821/tcp  DSMCC Download Protocol
dsmcc-downl 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@erisson.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
vrts-tdd    14149/tcp  Veritas Traffic Director
vrts-tdd    14149/udp  Veritas Traffic Director
#          Sameer Deokule <sameer.deokule@veritas.com> March 2002
#          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
#          Horizon Digital Enterprise, Inc. <info@hde.co.jp>
#          14938-14999 Unassigned
hydap       15000/tcp  Hypack Data Acquisition
hydap       15000/udp  Hypack Data Acquisition
#          Mircea Neacsu <mircea@vi deotron.ca>
#          15001-15344 Unassigned
xpilot      15345/tcp  XPilot Contact Port
xpilot      15345/udp  XPilot Contact Port
#          Bert Gijssbers <bert@xpilot.org>
#          15346-15362 Unassigned
3link       15363/tcp  3Link Negotiation
3link       15363/udp  3Link Negotiation
#          Brant Thomsen <brant_thomsen@3com.com> January 2003
#          15364-16160 Unassigned
sun-sea-port 16161/tcp  Solaris SEA Port
sun-sea-port 16161/udp  Solaris SEA Port
#          Dana Porter <dana.porter@sun.com> October 2003
#          16162-16359 Unassigned
netserial ext1 16360/tcp  netserial ext1
netserial ext1 16360/udp  netserial ext1

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```

netseri al ext2 16361/tcp netseri al ext2
netseri al ext2 16361/udp netseri al ext2
#
# 16362-16366 Unassi gned
netseri al ext3 16367/tcp netseri al ext3
netseri al ext3 16367/udp netseri al ext3
netseri al ext4 16368/tcp netseri al ext4
netseri al ext4 16368/udp netseri al ext4
#
# 16369-16383 Unassi gned
connected 16384/tcp Connected Corp
connected 16384/udp Connected Corp
#
# Nicole C. Ouellette <nouellette@connected.com> February 2004
#
# 16385-16990 Unassi gned
intel -rci -mp 16991/tcp INTEL-RCI -MP
intel -rci -mp 16991/udp INTEL-RCI -MP
#
# Jane Dashevsky <jane.dashevsky@intel.com>
#
# 16992-17006 Unassi gned
i sode-dua 17007/tcp
i sode-dua 17007/udp
#
# 17008-17184 Unassi gned
soundsvi rtual 17185/tcp Sounds Vi rtual
soundsvi rtual 17185/udp Sounds Vi rtual
#
# Richard Sni der <rsni der@sounds.com>
#
# 17186-17218 Unassi gned
chi pper 17219/tcp Chi pper
chi pper 17219/udp Chi pper
#
# Ronald Ji mmi nk <Ronald.Ji mmi nk@chi pper.nl >
#
# 17220-17999 Unassi gned
bi i menu 18000/tcp Beckman Instruments, Inc.
bi i menu 18000/udp Beckman Instruments, Inc.
#
# R. L. Meyer ing <RLMEYER ING@BI I VAX. DP. BECKMAN. COM>
#
# 18001-18180 Unassi gned
opsec-cvp 18181/tcp OPSEC CVP
opsec-cvp 18181/udp OPSEC CVP
opsec-ufp 18182/tcp OPSEC UFP
opsec-ufp 18182/udp OPSEC UFP
#
# Al on Kantor <al onk@checkpoi nt.com>
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
#
# Al on Kantor <al onk@checkpoi nt.com>
ohsc 18186/tcp Occupational Heal th SC
ohsc 18186/udp Occupational Heal th Sc
#
# David Fudge <davi d.fudge@tssi .co.uk> August 2003
opsec-el a 18187/tcp OPSEC ELA
opsec-el a 18187/udp OPSEC ELA
#
# Al on Kantor <al onk@checkpoi nt.com>
#
# 18188-18240 Unassi gned
checkpoi nt-rtm 18241/tcp Check Poi nt RTM
checkpoi nt-rtm 18241/udp Check Poi nt RTM
#
# Dudi Hazan <dudi @checkpoi nt.com>
#
# 18242-18462 Unassi gned
ac-cl uster 18463/tcp AC Cl uster
ac-cl uster 18463/udp AC Cl uster
#
# Li sa Zhong <l zhong@cup. hp.com>
#
# 18464-18768 Unassi gned
i que 18769/tcp IQue Protocol
i que 18769/udp IQue Protocol
#
# Avi Dri ssmen <avi _dri ssmen@basevi ew.com> Jul y 2002
#
# 18770-18887 Unassi gned
apc-necmp 18888/tcp APCNECMP
apc-necmp 18888/udp APCNECMP
#
# Mi chael Yi p <Mi chael . Yi p@al catel . com>
#
# 18889-19190 Unassi gned
opsec-uaa 19191/tcp OPSEC UAA
opsec-uaa 19191/udp OPSEC UAA
#
# Reuven Harri son <rnd_ana@checkpoi nt.com>
#
# 19192-19193 Unassi gned
ua-secureagent 19194/tcp UserAuthori ty SecureAgent
ua-secureagent 19194/udp UserAuthori ty SecureAgent
#
# Reuven Harri son <rharri son@checkpoi nt.com> January 2003
#
# 19195-19282 Unassi gned

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```

keysrvr      19283/tcp  Key Server for SASSAFRAS
keysrvr      19283/udp  Key Server for SASSAFRAS
#            Mark Valence <kurash@sassafras.com>
#            19284-19314 Unassigned
keyshadow    19315/tcp  Key Shadow for SASSAFRAS
keyshadow    19315/udp  Key Shadow for SASSAFRAS
#            Mark Valence <kurash@sassafras.com>
#            19316-19397 Unassigned
mtrgtrans    19398/tcp  mtrgtrans
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
#            Gi ta Murthy <gi ta@cup.hp.com>
#            19413-19539 Unassigned
sxuftp       19540/tcp  SXUFTP
sxuftp       19540/udp  SXUFTP
#            Keiji Okuma <okuma@sil ex.jp> August 2002
jcp          19541/tcp  JCP Client
jcp          19541/udp  JCP Client
#            Yuji Sasaki <sasaki@sil ex.jp>
#            19542-19999 Unassigned
dnp          20000/tcp  DNP
dnp          20000/udp  DNP
#            Michael Thesing <michael.thesing@acsatlanta.com>
microsan     20001/tcp  MicroSAN
microsan     20001/udp  MicroSAN
#            Thomas E. Ludwig <tom.ludwig@zetera.com> February 2004
#            20002-20033 Unassigned
nburn_id     20034/tcp  NetBurner ID Port
nburn_id     20034/udp  NetBurner ID Port
#            Paul Breed <paul@netburner.com> November 2003
#            20035-20201 Unassigned
ipdtp-port   20202/tcp  IPD Tunneling Port
ipdtp-port   20202/udp  IPD Tunneling Port
#            Vikki Yin Wei <vikki@ipdynami cs.com> January 2003
#            20203-20221 Unassigned
ipulse-ics   20222/tcp  iPulse-ICS
ipulse-ics   20222/udp  iPulse-ICS
#            Meggie Garcia-Woodruff <ipulse@erisson.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 Ri ha <stepan.ri ha@hand.com>
#            20300-21589 Unassigned
vofr-gateway 21590/tcp  VoFR Gateway
vofr-gateway 21590/udp  VoFR Gateway
#            Marty Borden <mborden@tol l bri dgetech.com>
#            21591-21799 Unassigned
tvpm         21800/tcp  TVNC Pro Multi pl exing
tvpm         21800/udp  TVNC Pro Multi pl exing
#            Brian Bl evins <bri an.bl evins@tri di a.com>
#            21801-21844 Unassigned
webphone     21845/tcp  webphone
webphone     21845/udp  webphone
netspeak-is  21846/tcp  NetSpeak Corp. Di rectory Servi ces
netspeak-is  21846/udp  NetSpeak Corp. Di rectory Servi ces
netspeak-cs  21847/tcp  NetSpeak Corp. Connecti on Servi ces
netspeak-cs  21847/udp  NetSpeak Corp. Connecti on Servi ces
netspeak-acd 21848/tcp  NetSpeak Corp. Automati c Call Di stri buti on
netspeak-acd 21848/udp  NetSpeak Corp. Automati c Call Di stri buti on
netspeak-cps 21849/tcp  NetSpeak Corp. Credi t Processi ng System
netspeak-cps 21849/udp  NetSpeak Corp. Credi t Processi ng System
#            Toby Hosterman <root@netspeak.com>
#            21850-21999 Unassigned
snapenetio   22000/tcp  SNAPenetIO

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```

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@ccmail.dowjones.com>
#               22801-22950 Unassigned
brf-gw          22951/tcp Telerate Information Platform WAN
brf-gw          22951/udp Telerate Information Platform WAN
#               Timo Sivonen <timo.sivonen@ccmail.dowjones.com>
#               22952-23999 Unassigned
med-ltp         24000/tcp med-ltp
med-ltp         24000/udp med-ltp
med-fsp-rx      24001/tcp med-fsp-rx
med-fsp-rx      24001/udp med-fsp-rx
med-fsp-tx      24002/tcp med-fsp-tx
med-fsp-tx      24002/udp med-fsp-tx
med-supp        24003/tcp med-supp
med-supp        24003/udp med-supp
med-ovw         24004/tcp med-ovw
med-ovw         24004/udp med-ovw
med-ci          24005/tcp med-ci
med-ci          24005/udp med-ci
med-net-svc     24006/tcp med-net-svc
med-net-svc     24006/udp med-net-svc
#               Juergen Fischebach <juergen.fischebach@philips.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@ri.tlabs.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

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```
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 NI Observer
niobserver 25901/udp NI Observer
# Roman Oliynyk <romano@netinst.com>
# 25902 Unassigned
niprobe 25903/tcp NI Probe
niprobe 25903/udp NI Probe
# Roman Oliynyk <romano@netinst.com>
# 25904-25999 Unassigned
quake 26000/tcp quake
quake 26000/udp quake
# Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
# 26001-26207 Unassigned
wnn6-ds 26208/tcp wnn6-ds
wnn6-ds 26208/udp wnn6-ds
# Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
# 26209-26259 Unassigned
ezproxy 26260/tcp eZproxy
ezproxy 26260/udp eZproxy
ezmeeting 26261/tcp eZmeeting
ezmeeting 26261/udp eZmeeting
# Albert C. Yang <albert.yang@eZmeeting.com>
k3software-svr 26262/tcp K3 Software-Server
k3software-svr 26262/udp K3 Software-Server
k3software-cli 26263/tcp K3 Software-Client
k3software-cli 26263/udp K3 Software-Client
# Jim 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 <xippi.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 Muel ler-Platz
# <balduin.muel ler-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
# 31417-31619 Unassigned
lm-mon 31620/tcp lm mon
lm-mon 31620/udp lm mon
# Mounir Hahad <mounir.hahad@eecad.com> June 2003
# 31621-31764 Unassigned
gamesmith-port 31765/tcp GameSmith Port
```

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gamesmith-port 31765/udp GameSmith Port
#
# Randy Thompson <thompr@earthlink.net> August 2002
#
# 31766-32767 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>
filenet-pa 32772/tcp FileNET Process Analyzer
filenet-pa 32772/udp FileNET Process Analyzer
#
# Chris Adkins <cadkins@filenet.com> January 2003
filenet-cm 32773/tcp FileNET Component Manager
filenet-cm 32773/udp FileNET Component Manager
#
# Chris Adkins <cadkins@filenet.com> August 2003
filenet-re 32774/tcp FileNET Rules Engine
filenet-re 32774/udp FileNET Rules Engine
#
# Chris Adkins <cadkins@filenet.com> August 2003
#
# 32775-32895 Unassigned
idmgratm 32896/tcp Attachmate ID Manager
idmgratm 32896/udp Attachmate ID Manager
#
# George Giannelos <GeorgeGi@Attachmate.com> March 2003
#
# 32897-33330 Unassigned
diamondport 33331/tcp DiamondCentral Interface
diamondport 33331/udp DiamondCentral Interface
#
# Edward Browdy <ebrowdy@cryptek.com> July 2002
#
# 33332-33433 Unassigned
traceroute 33434/tcp traceroute use
traceroute 33434/udp traceroute use
#
# IANA <iana@iana.org>
#
# 33435-34248 Unassigned
turbonote-2 34249/tcp TurboNote Relay Server Default Port
turbonote-2 34249/udp TurboNote Relay Server Default Port
#
# Peter Hyde <peter@spis.co.nz>
#
# 34250-34377 Unassigned
p-net-local 34378/tcp P-Net on IP Local
p-net-local 34378/udp P-Net on IP Local
#
# Kurt Nissen <kn@proces-data.com> February 2004
p-net-remote 34379/tcp P-Net on IP remote
p-net-remote 34379/udp P-Net on IP remote
#
# Kurt Nissen <kn@proces-data.com> February 2004
#
# 34380-34979 Unassigned
ethercat 34980/tcp EtherCAT Port
ethercat 34980/udp EhterCAT Port
#
# Martin Rostan <m.rostan@beckhoff.com> November 2003
#
# 34981-36864 Unassigned
kastenpipe 36865/tcp KastenX Pipe
kastenpipe 36865/udp KastenX Pipe
#
# Guy Cheng <GCHE@kasten Chase.com>
#
# 36866-37474 Unassigned
nekar 37475/tcp science + computing's Venus Administration Port
nekar 37475/udp science + computing's Venus Administration Port
#
# Ralf Alirutz <R.Alirutz@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>
csccredi r 40842/tcp CSCCREDIR
csccredi r 40842/udp CSCCREDIR
cscffi rwal l 40843/tcp CSCCFI REWALL
cscffi rwal l 40843/udp CSCCFI REWALL
#
# Sudhir Menon <sudhir@centerspan.com>
#
# 40844-41110 Unassigned
fs-qos 41111/tcp Foursticks QoS Protocol

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fs-qos      41111/udp   Foursticks QoS Protocol
#          #
#          41112-41793 Unassigned
crestron-cip 41794/tcp   Crestron Control Port
crestron-cip 41794/udp   Crestron Control Port
crestron-ctp 41795/tcp   Crestron Terminal Port
crestron-ctp 41795/udp   Crestron Terminal Port
#          #
#          41796-43187 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
#          #
#          43191-44320 Unassigned
pmcd         44321/tcp   PCP server (pmcd)
pmcd         44321/udp   PCP server (pmcd)
#          #
#          Ken McDonnell <kenmcd@sgi.com> June 2002
pmcdproxy   44322/tcp   PCP server (pmcd) proxy
pmcdproxy   44322/udp   PCP server (pmcd) proxy
#          #
#          44323-44817 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 PRI SE
eba         45678/udp   EBA PRI SE
#          #
#          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@automatedlogics.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  Nibus Controller
nimcontroller 48000/udp  Nibus Controller
nimspooler  48001/tcp  Nibus Spooler
nimspooler  48001/udp  Nibus Spooler
nimhub      48002/tcp  Nibus Hub
nimhub      48002/udp  Nibus Hub
nimgtw      48003/tcp  Nibus Gateway
nimgtw      48003/udp  Nibus 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>
#          48557-48618 Unassigned
iqobject     48619/tcp  iqobject
iqobject     48619/udp  iqobject

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# Bjorn de Bonnenfant <bdeb@i qobj ect.com> November 2003
# 48620-49150 Unassigned
# 49151 IANA Reserved
```

DYNAMIC AND/OR PRIVATE PORTS

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

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- [RFC3340] M. Rose, G. Klyne, and D. Crocker, "The Application Exchange Core", RFC 3340, July 2002.
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