

PORT NUMBERS

(last updated 03 April 2002)

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

The Well Known Ports are those from 0 through 1023.

The Registered Ports are those from 1024 through 49151

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

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

WELL KNOWN PORT NUMBERS

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

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

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

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

Port Assignments:

Keyword	Decimal	Description	References
-----	-----	-----	-----
	0/tcp	Reserved	
	0/udp	Reserved	
#		Jon Postel <postel@isi.edu>	
tcpmux	1/tcp	TCP Port Service Multiplexer	
tcpmux	1/udp	TCP Port Service Multiplexer	
#		Mark Lottor <MKL@nisc.sri.com>	
compressnet	2/tcp	Management Utility	
compressnet	2/udp	Management Utility	
compressnet	3/tcp	Compression Process	
compressnet	3/udp	Compression Process	
#		Bernie Volz <VOLZ@PROCESS.COM>	
#	4/tcp	Unassigned	
#	4/udp	Unassigned	
rje	5/tcp	Remote Job Entry	
rje	5/udp	Remote Job Entry	
#		Jon Postel <postel@isi.edu>	
#	6/tcp	Unassigned	
#	6/udp	Unassigned	
echo	7/tcp	Echo	
echo	7/udp	Echo	
#		Jon Postel <postel@isi.edu>	
#	8/tcp	Unassigned	
#	8/udp	Unassigned	
discard	9/tcp	Discard	

discard	9/udp	Discard
#		Jon Postel <postel@isi.edu>
#	10/tcp	Unassigned
#	10/udp	Unassigned
systat	11/tcp	Active Users
systat	11/udp	Active Users
#		Jon Postel <postel@isi.edu>
#	12/tcp	Unassigned
#	12/udp	Unassigned
daytime	13/tcp	Daytime (RFC 867)
daytime	13/udp	Daytime (RFC 867)
#		Jon Postel <postel@isi.edu>
#	14/tcp	Unassigned
#	14/udp	Unassigned
#	15/tcp	Unassigned [was netstat]
#	15/udp	Unassigned
#	16/tcp	Unassigned
#	16/udp	Unassigned
gotd	17/tcp	Quote of the Day
gotd	17/udp	Quote of the Day
#		Jon Postel <postel@isi.edu>
msp	18/tcp	Message Send Protocol
msp	18/udp	Message Send Protocol
#		Rina Nethaniel <---none--->
chargen	19/tcp	Character Generator
chargen	19/udp	Character Generator
ftp-data	20/tcp	File Transfer [Default Data]
ftp-data	20/udp	File Transfer [Default Data]
ftp	21/tcp	File Transfer [Control]
ftp	21/udp	File Transfer [Control]
#		Jon Postel <postel@isi.edu>
ssh	22/tcp	SSH Remote Login Protocol
ssh	22/udp	SSH Remote Login Protocol
#		Tatu Ylonen <ylo@cs.hut.fi>
telnet	23/tcp	Telnet
telnet	23/udp	Telnet
#		Jon Postel <postel@isi.edu>
#	24/tcp	any private mail system
#	24/udp	any private mail system
#		Rick Adams <rick@UUNET.UU.NET>
smtp	25/tcp	Simple Mail Transfer
smtp	25/udp	Simple Mail Transfer
#		Jon Postel <postel@isi.edu>
#	26/tcp	Unassigned
#	26/udp	Unassigned
nsw-fe	27/tcp	NSW User System FE
nsw-fe	27/udp	NSW User System FE
#		Robert Thomas <BThomas@F.BBN.COM>
#	28/tcp	Unassigned
#	28/udp	Unassigned
msg-icp	29/tcp	MSG ICP
msg-icp	29/udp	MSG ICP
#		Robert Thomas <BThomas@F.BBN.COM>
#	30/tcp	Unassigned
#	30/udp	Unassigned
msg-auth	31/tcp	MSG Authentication
msg-auth	31/udp	MSG Authentication
#		Robert Thomas <BThomas@F.BBN.COM>
#	32/tcp	Unassigned
#	32/udp	Unassigned
dsp	33/tcp	Display Support Protocol
dsp	33/udp	Display Support Protocol
#		Ed Cain <cain@edn-unix.dca.mil>
#	34/tcp	Unassigned

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#          34/udp      Unassigned
          35/tcp      any private printer server
          35/udp      any private printer server
#          Jon Postel <postel@isi.edu>
#          36/tcp      Unassigned
#          36/udp      Unassigned
time      37/tcp      Time
time      37/udp      Time
#          Jon Postel <postel@isi.edu>
rap       38/tcp      Route Access Protocol
rap       38/udp      Route Access Protocol
#          Robert Ullmann <ariel@world.std.com>
rlp       39/tcp      Resource Location Protocol
rlp       39/udp      Resource Location Protocol
#          Mike Accetta <MIKE.ACETTA@CMU-CS-A.EDU>
#          40/tcp      Unassigned
#          40/udp      Unassigned
graphics  41/tcp      Graphics
graphics  41/udp      Graphics
name      42/tcp      Host Name Server
name      42/udp      Host Name Server
nameserver 42/tcp      Host Name Server
nameserver 42/udp      Host Name Server
nicname   43/tcp      Who Is
nicname   43/udp      Who Is
mpm-flags 44/tcp      MPM FLAGS Protocol
mpm-flags 44/udp      MPM FLAGS Protocol
mpm       45/tcp      Message Processing Module [recv]
mpm       45/udp      Message Processing Module [recv]
mpm-snd   46/tcp      MPM [default send]
mpm-snd   46/udp      MPM [default send]
#          Jon Postel <postel@isi.edu>
ni-ftp    47/tcp      NI FTP
ni-ftp    47/udp      NI FTP
#          Steve Kille <S.Kille@isode.com>
auditd    48/tcp      Digital Audit Daemon
auditd    48/udp      Digital Audit Daemon
#          Larry Scott <scott@zk3.dec.com>
tacacs    49/tcp      Login Host Protocol (TACACS)
tacacs    49/udp      Login Host Protocol (TACACS)
#          Pieter Ditmars <pditmars@BBN.COM>
re-mail-ck 50/tcp      Remote Mail Checking Protocol
re-mail-ck 50/udp      Remote Mail Checking Protocol
#          Steve Dorner <s-dorner@UIUC.EDU>
la-maint  51/tcp      IMP Logical Address Maintenance
la-maint  51/udp      IMP Logical Address Maintenance
#          Andy Malis <malis_a@timeplex.com>
xns-time  52/tcp      XNS Time Protocol
xns-time  52/udp      XNS Time Protocol
#          Susie Armstrong <Armstrong.wbst128@XEROX>
domain    53/tcp      Domain Name Server
domain    53/udp      Domain Name Server
#          Paul Mockapetris <PVM@ISI.EDU>
xns-ch    54/tcp      XNS Clearinghouse
xns-ch    54/udp      XNS Clearinghouse
#          Susie Armstrong <Armstrong.wbst128@XEROX>
isi-gl    55/tcp      ISI Graphics Language
isi-gl    55/udp      ISI Graphics Language
xns-auth  56/tcp      XNS Authentication
xns-auth  56/udp      XNS Authentication
#          Susie Armstrong <Armstrong.wbst128@XEROX>
          57/tcp      any private terminal access
          57/udp      any private terminal access
#          Jon Postel <postel@isi.edu>

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xns-mail	58/tcp	XNS Mail
xns-mail	58/udp	XNS Mail
#		Susie Armstrong <Armstrong.wbst128@XEROX>
	59/tcp	any private file service
	59/udp	any private file service
#		Jon Postel <postel@isi.edu>
	60/tcp	Unassigned
	60/udp	Unassigned
ni-mail	61/tcp	NI MAIL
ni-mail	61/udp	NI MAIL
#		Steve Kille <S.Kille@isode.com>
acas	62/tcp	ACA Services
acas	62/udp	ACA Services
#		E. Wald <ewald@via.enet.dec.com>
whois++	63/tcp	whois++
whois++	63/udp	whois++
#		Rickard Schoultz <schoultz@sunet.se>
covia	64/tcp	Communications Integrator (CI)
covia	64/udp	Communications Integrator (CI)
#		Dan Smith <dan.smith@den.galileo.com>
tacacs-ds	65/tcp	TACACS-Database Service
tacacs-ds	65/udp	TACACS-Database Service
#		Kathy Huber <khuber@bbn.com>
sql*net	66/tcp	Oracle SQL*NET
sql*net	66/udp	Oracle SQL*NET
#		Jack Haverty <jhaverty@ORACLE.COM>
bootps	67/tcp	Bootstrap Protocol Server
bootps	67/udp	Bootstrap Protocol Server
bootpc	68/tcp	Bootstrap Protocol Client
bootpc	68/udp	Bootstrap Protocol Client
#		Bill Croft <Croft@SUMEX-AIM.STANFORD.EDU>
tftp	69/tcp	Trivial File Transfer
tftp	69/udp	Trivial File Transfer
#		David Clark <ddc@LCS.MIT.EDU>
gopher	70/tcp	Gopher
gopher	70/udp	Gopher
#		Mark McCahill <mpm@boombox.micro.umn.edu>
netrjs-1	71/tcp	Remote Job Service
netrjs-1	71/udp	Remote Job Service
netrjs-2	72/tcp	Remote Job Service
netrjs-2	72/udp	Remote Job Service
netrjs-3	73/tcp	Remote Job Service
netrjs-3	73/udp	Remote Job Service
netrjs-4	74/tcp	Remote Job Service
netrjs-4	74/udp	Remote Job Service
#		Bob Braden <Braden@ISI.EDU>
	75/tcp	any private dial out service
	75/udp	any private dial out service
#		Jon Postel <postel@isi.edu>
deos	76/tcp	Distributed External Object Store
deos	76/udp	Distributed External Object Store
#		Robert Ullmann <ariel@world.std.com>
	77/tcp	any private RJE service
	77/udp	any private RJE service
#		Jon Postel <postel@isi.edu>
vettcp	78/tcp	vettcp
vettcp	78/udp	vettcp
#		Christopher Leong <leong@kolmod.mlo.dec.com>
finger	79/tcp	Finger
finger	79/udp	Finger
#		David Zimmerman <dpz@RUTGERS.EDU>
http	80/tcp	World Wide Web HTTP
http	80/udp	World Wide Web HTTP
www	80/tcp	World Wide Web HTTP

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www                80/udp    World Wide Web HTTP
www-http          80/tcp    World Wide Web HTTP
www-http          80/udp    World Wide Web HTTP
#                 Tim Berners-Lee <timbl@W3.org>
hosts2-ns         81/tcp    HOSTS2 Name Server
hosts2-ns         81/udp    HOSTS2 Name Server
#                 Earl Killian <EAK@MORDOR.S1.GOV>
xfer              82/tcp    XFER Utility
xfer              82/udp    XFER Utility
#                 Thomas M. Smith <Thomas.M.Smith@lmco.com>
mit-ml-dev        83/tcp    MIT ML Device
mit-ml-dev        83/udp    MIT ML Device
#                 David Reed <---none--->
ctf               84/tcp    Common Trace Facility
ctf               84/udp    Common Trace Facility
#                 Hugh Thomas <thomas@oils.enet.dec.com>
mit-ml-dev        85/tcp    MIT ML Device
mit-ml-dev        85/udp    MIT ML Device
#                 David Reed <---none--->
mfcobol           86/tcp    Micro Focus Cobol
mfcobol           86/udp    Micro Focus Cobol
#                 Simon Edwards <---none--->
#                 87/tcp    any private terminal link
#                 87/udp    any private terminal link
#                 Jon Postel <postel@isi.edu>
kerberos          88/tcp    Kerberos
kerberos          88/udp    Kerberos
#                 B. Clifford Neuman <bcn@isi.edu>
su-mit-tg         89/tcp    SU/MIT Telnet Gateway
su-mit-tg         89/udp    SU/MIT Telnet Gateway
#                 Mark Crispin <MRC@PANDA.COM>
##### PORT 90 also being used unofficially by Pointcast #####
dnsix             90/tcp    DNSIX Securit Attribute Token Map
dnsix             90/udp    DNSIX Securit Attribute Token Map
#                 Charles Watt <watt@sware.com>
mit-dov           91/tcp    MIT Dover Spooler
mit-dov           91/udp    MIT Dover Spooler
#                 Eliot Moss <EBM@XX.LCS.MIT.EDU>
npp               92/tcp    Network Printing Protocol
npp               92/udp    Network Printing Protocol
#                 Louis Mamakos <louie@sayshell.umd.edu>
dcp               93/tcp    Device Control Protocol
dcp               93/udp    Device Control Protocol
#                 Daniel Tappan <Tappan@BBN.COM>
objcall           94/tcp    Tivoli Object Dispatcher
objcall           94/udp    Tivoli Object Dispatcher
#                 Tom Bereiter <---none--->
supdup            95/tcp    SUPDUP
supdup            95/udp    SUPDUP
#                 Mark Crispin <MRC@PANDA.COM>
dixie             96/tcp    DIXIE Protocol Specification
dixie             96/udp    DIXIE Protocol Specification
#                 Tim Howes <Tim.Howes@terminator.cc.umich.edu>
swift-rvf         97/tcp    Swift Remote Virtual File Protocol
swift-rvf         97/udp    Swift Remote Virtual File Protocol
#                 Maurice R. Turcotte
#                 <mailrus!uflorida!rml!dnmrt%rmatl@uunet.UU.NET>
tacnews           98/tcp    TAC News
tacnews           98/udp    TAC News
#                 Jon Postel <postel@isi.edu>
metagram          99/tcp    Metagram Relay
metagram          99/udp    Metagram Relay
#                 Geoff Goodfellow <Geoff@FERNWOOD.MPK.CA.US>
newacct           100/tcp   [unauthorized use]

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hostname	101/tcp	NIC Host Name Server
hostname	101/udp	NIC Host Name Server
#		Jon Postel <postel@isi.edu>
iso-tsap	102/tcp	ISO-TSAP Class 0
iso-tsap	102/udp	ISO-TSAP Class 0
#		Marshall Rose <mrose@dbc.mtview.ca.us>
gppitnp	103/tcp	Genesis Point-to-Point Trans Net
gppitnp	103/udp	Genesis Point-to-Point Trans Net
acr-nema	104/tcp	ACR-NEMA Digital Imag. & Comm. 300
acr-nema	104/udp	ACR-NEMA Digital Imag. & Comm. 300
#		Patrick McNamee <---none--->
cso	105/tcp	CCSO name server protocol
cso	105/udp	CCSO name server protocol
#		Martin Hamilton <martin@mrml.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.mtview.ca.us>
sunrpc	111/tcp	SUN Remote Procedure Call
sunrpc	111/udp	SUN Remote Procedure Call
#		Chuck McManis <cmcmanis@freegate.net>
mcidas	112/tcp	McIDAS Data Transmission Protocol
mcidas	112/udp	McIDAS Data Transmission Protocol
#		Glenn Davis <support@unidata.ucar.edu>
ident	113/tcp	
auth	113/tcp	Authentication Service
auth	113/udp	Authentication Service
#		Mike St. Johns <stjohns@arpa.mil>
audionews	114/tcp	Audio News Multicast
audionews	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>
cfdpkt	120/tcp	CFDPKT
cfdpkt	120/udp	CFDPKT
#		John Ioannidis <ji@close.cs.columbia.ed>
erpc	121/tcp	Encore Expedited Remote Pro.Call

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erpc          121/udp      Encore Expedited Remote Pro.Call
#
smakynet     122/tcp      SMAKYNET
smakynet     122/udp      SMAKYNET
#
ntp          123/tcp      Network Time Protocol
ntp          123/udp      Network Time Protocol
#
ansatrader   124/tcp      ANSA REX Trader
ansatrader   124/udp      ANSA REX Trader
#
locus-map    125/tcp      Locus PC-Interface Net Map Ser
locus-map    125/udp      Locus PC-Interface Net Map Ser
#
nxedit       126/tcp      NXEdit
nxedit       126/udp      NXEdit
#
#####Port 126 Previously assigned to application below#####
#unitary     126/tcp      Unisys Unitary Login
#unitary     126/udp      Unisys Unitary Login
#
#####Port 126 Previously assigned to application above#####
locus-con    127/tcp      Locus PC-Interface Conn Server
locus-con    127/udp      Locus PC-Interface Conn Server
#
gss-xlicen   128/tcp      GSS X License Verification
gss-xlicen   128/udp      GSS X License Verification
#
pwdgen       129/tcp      Password Generator Protocol
pwdgen       129/udp      Password Generator Protocol
#
cisco-fna    130/tcp      cisco FNATIVE
cisco-fna    130/udp      cisco FNATIVE
cisco-tna    131/tcp      cisco TNATIVE
cisco-tna    131/udp      cisco TNATIVE
cisco-sys    132/tcp      cisco SYSMAINT
cisco-sys    132/udp      cisco SYSMAINT
statsrv      133/tcp      Statistics Service
statsrv      133/udp      Statistics Service
#
ingres-net   134/tcp      INGRES-NET Service
ingres-net   134/udp      INGRES-NET Service
#
epmap        135/tcp      DCE endpoint resolution
epmap        135/udp      DCE endpoint resolution
#
profile      136/tcp      PROFILE Naming System
profile      136/udp      PROFILE Naming System
#
netbios-ns   137/tcp      NETBIOS Name Service
netbios-ns   137/udp      NETBIOS Name Service
netbios-dgm  138/tcp      NETBIOS Datagram Service
netbios-dgm  138/udp      NETBIOS Datagram Service
netbios-ssn  139/tcp      NETBIOS Session Service
netbios-ssn  139/udp      NETBIOS Session Service
#
emfis-data   140/tcp      EMFIS Data Service
emfis-data   140/udp      EMFIS Data Service
emfis-ctrl   141/tcp      EMFIS Control Service
emfis-ctrl   141/udp      EMFIS Control Service
#
bl-idm       142/tcp      Britton-Lee IDM
bl-idm       142/udp      Britton-Lee IDM
#
Susie Snitzer <----none---->

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imap	143/tcp	Internet Message Access Protocol
imap	143/udp	Internet Message Access Protocol
#		Mark Crispin <MRC@CAC.Washington.EDU>
uma	144/tcp	Universal Management Architecture
uma	144/udp	Universal Management Architecture
#		Jay Whitney <jw@powercenter.com>
uaac	145/tcp	UAAC Protocol
uaac	145/udp	UAAC Protocol
#		David A. Gomberg <gomberg@GATEWAY.MITRE.ORG>
iso-tp0	146/tcp	ISO-IP0
iso-tp0	146/udp	ISO-IP0
iso-ip	147/tcp	ISO-IP
iso-ip	147/udp	ISO-IP
#		Marshall Rose <mrose@dbc.mtview.ca.us>
jargon	148/tcp	Jargon
jargon	148/udp	Jargon
#		Bill Weinman <wew@bearnnet.com>
aed-512	149/tcp	AED 512 Emulation Service
aed-512	149/udp	AED 512 Emulation Service
#		Albert G. Broscius <broscius@DSL.CIS.UPENN.EDU>
sql-net	150/tcp	SQL-NET
sql-net	150/udp	SQL-NET
#		Martin Picard <<---none--->
hems	151/tcp	HEMS
hems	151/udp	HEMS
bftp	152/tcp	Background File Transfer Program
bftp	152/udp	Background File Transfer Program
#		Annette DeSchon <DESCHON@ISI.EDU>
sgmp	153/tcp	SGMP
sgmp	153/udp	SGMP
#		Marty Schoffstahl <schoff@NISC.NYSER.NET>
netsc-prod	154/tcp	NETSC
netsc-prod	154/udp	NETSC
netsc-dev	155/tcp	NETSC
netsc-dev	155/udp	NETSC
#		Sergio Heker <heker@JVNCC.CSC.ORG>
sqlsrv	156/tcp	SQL Service
sqlsrv	156/udp	SQL Service
#		Craig Rogers <Rogers@ISI.EDU>
knet-cmp	157/tcp	KNET/VM Command/Message Protocol
knet-cmp	157/udp	KNET/VM Command/Message Protocol
#		Gary S. Malkin <GMALKIN@XYLOGICS.COM>
pcmail-srv	158/tcp	PCMail Server
pcmail-srv	158/udp	PCMail Server
#		Mark L. Lambert <markl@PTT.LCS.MIT.EDU>
nss-routing	159/tcp	NSS-Routing
nss-routing	159/udp	NSS-Routing
#		Yakov Rekhter <Yakov@IBM.COM>
sgmp-traps	160/tcp	SGMP-TRAPS
sgmp-traps	160/udp	SGMP-TRAPS
#		Marty Schoffstahl <schoff@NISC.NYSER.NET>
snmp	161/tcp	SNMP
snmp	161/udp	SNMP
snmptrap	162/tcp	SNMPTRAP
snmptrap	162/udp	SNMPTRAP
#		Marshall Rose <mrose@dbc.mtview.ca.us>
cmip-man	163/tcp	CMIP/TCP Manager
cmip-man	163/udp	CMIP/TCP Manager
cmip-agent	164/tcp	CMIP/TCP Agent
cmip-agent	164/udp	CMIP/TCP Agent
#		Amatzia Ben-Artzi <---none--->
xns-courier	165/tcp	Xerox
xns-courier	165/udp	Xerox
#		Susie Armstrong <Armstrong.wbst128@XEROX.COM>

s-net	166/tcp	Sirius Systems
s-net	166/udp	Sirius Systems
#		Brian Lloyd <brian@lloyd.com>
namp	167/tcp	NAMP
namp	167/udp	NAMP
#		Marty Schoffstahl <schoff@NISC.NYSER.NET>
rsvd	168/tcp	RSVD
rsvd	168/udp	RSVD
#		Neil Todd <mcvax!ist.co.uk!neil@UUNET.UU.NET>
send	169/tcp	SEND
send	169/udp	SEND
#		William D. Wisner <wisner@HAYES.FAI.ALASKA.EDU>
print-srv	170/tcp	Network PostScript
print-srv	170/udp	Network PostScript
#		Brian Reid <reid@DECWRL.DEC.COM>
multiplex	171/tcp	Network Innovations Multiplex
multiplex	171/udp	Network Innovations Multiplex
cl/1	172/tcp	Network Innovations CL/1
cl/1	172/udp	Network Innovations CL/1
#		Kevin DeVault <<---none--->
xplex-mux	173/tcp	Xyplex
xplex-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
#		Vinod Singh <---none--->
audit	182/tcp	Unisys Audit SITP
audit	182/udp	Unisys Audit SITP
#		Gil Greenbaum <gcole@nisd.cam.unisys.com>
ocbinder	183/tcp	OCBinder
ocbinder	183/udp	OCBinder
ocserver	184/tcp	OCServer
ocserver	184/udp	OCServer
#		Jerrilynn Okamura <---none--->
remote-kis	185/tcp	Remote-KIS
remote-kis	185/udp	Remote-KIS
kis	186/tcp	KIS Protocol
kis	186/udp	KIS Protocol
#		Ralph Droms <rdroms@NRI.RESTON.VA.US>
aci	187/tcp	Application Communication Interface
aci	187/udp	Application Communication Interface
#		Rick Carlos <rick.ticipa.csc.ti.com>
mumps	188/tcp	Plus Five's MUMPS

mumps	188/udp	Plus Five's MUMPS
#		Hokey Stenn <hokey@PLUS5.COM>
qft	189/tcp	Queued File Transport
qft	189/udp	Queued File Transport
#		Wayne Schroeder <schroeder@SDS.SDSC.EDU>
gacp	190/tcp	Gateway Access Control Protocol
gacp	190/udp	Gateway Access Control Protocol
#		C. Philip Wood <cpw@LANL.GOV>
prospero	191/tcp	Prospero Directory Service
prospero	191/udp	Prospero Directory Service
#		B. Clifford Neuman <bcn@isi.edu>
osu-nms	192/tcp	OSU Network Monitoring System
osu-nms	192/udp	OSU Network Monitoring System
#		Doug Karl <KARL-D@OSU-20.IRCC.OHIO-STATE.EDU>
srmp	193/tcp	Spider Remote Monitoring Protocol
srmp	193/udp	Spider Remote Monitoring Protocol
#		Ted J. Socolofsky <Teds@SPIDER.CO.UK>
irc	194/tcp	Internet Relay Chat Protocol
irc	194/udp	Internet Relay Chat Protocol
#		Jarkko Oikarinen <jto@TOLSUN.OULU.FI>
dn6-nlm-aud	195/tcp	DNSIX Network Level Module Audit
dn6-nlm-aud	195/udp	DNSIX Network Level Module Audit
dn6-smm-red	196/tcp	DNSIX Session Mgt Module Audit Redir
dn6-smm-red	196/udp	DNSIX Session Mgt Module Audit Redir
#		Lawrence Lebahn <DIA3@PAXRV-NES.NAVY.MIL>
dls	197/tcp	Directory Location Service
dls	197/udp	Directory Location Service
dls-mon	198/tcp	Directory Location Service Monitor
dls-mon	198/udp	Directory Location Service Monitor
#		Scott Bellew <smb@cs.purdue.edu>
smux	199/tcp	SMUX
smux	199/udp	SMUX
#		Marshall Rose <mrose@dbc.mtview.ca.us>
src	200/tcp	IBM System Resource Controller
src	200/udp	IBM System Resource Controller
#		Gerald McBrearty <---none--- ></td
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>
qmtpt	209/tcp	The Quick Mail Transfer Protocol
qmtpt	209/udp	The Quick Mail Transfer Protocol
#		Dan Bernstein <djb@silvertton.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--- ></td
anet	212/tcp	ATEXSSTR
anet	212/udp	ATEXSSTR

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#                               Jim Taylor <taylor@heart.epps.kodak.com>
ipx                             213/tcp    IPX
ipx                             213/udp    IPX
#                               Don Provan <donp@xlnvax.novell.com>
vmpwscs                         214/tcp    VM PWSCS
vmpwscs                         214/udp    VM PWSCS
#                               Dan Shia <dset!shia@uunet.UU.NET>
softpc                          215/tcp    Insignia Solutions
softpc                          215/udp    Insignia Solutions
#                               Martyn Thomas <---none--->
CAIlic                          216/tcp    Computer Associates Int'l License Server
CAIlic                          216/udp    Computer Associates Int'l License Server
#                               Chuck Spitz <spich04@cai.com>
dbase                           217/tcp    dBASE Unix
dbase                           217/udp    dBASE Unix
#                               Don Gibson
#                               <sequent!aero!twinsun!ashtate.A-T.COM!dong@uunet.UU.NET>
mpp                             218/tcp    Netix Message Posting Protocol
mpp                             218/udp    Netix Message Posting Protocol
#                               Shannon Yeh <yeh@netix.com>
uarps                           219/tcp    Unisys ARPs
uarps                           219/udp    Unisys ARPs
#                               Ashok Marwaha <---none--->
imap3                           220/tcp    Interactive Mail Access Protocol v3
imap3                           220/udp    Interactive Mail Access Protocol v3
#                               James Rice <RICE@SUMEX-AIM.STANFORD.EDU>
fln-spx                         221/tcp    Berkeley rlogind with SPX auth
fln-spx                         221/udp    Berkeley rlogind with SPX auth
rsh-spx                         222/tcp    Berkeley rshd with SPX auth
rsh-spx                         222/udp    Berkeley rshd with SPX auth
cdc                             223/tcp    Certificate Distribution Center
cdc                             223/udp    Certificate Distribution Center
#                               Kannan Alagappan <kannan@sejour.enet.dec.com>
##### Possible Conflict of Port 222 with "Masqdialer"#####
### Contact for Masqdialer is Charles Wright <cpwright@villagenet.com>###
masqdialer                      224/tcp    masqdialer
masqdialer                      224/udp    masqdialer
#                               Charles Wright <cpwright@villagenet.com>
#                               225-241    Reserved
#                               Jon Postel <postel@isi.edu>
direct                          242/tcp    Direct
direct                          242/udp    Direct
#                               Herb Sutter <HerbS@cntc.com>
sur-meas                       243/tcp    Survey Measurement
sur-meas                       243/udp    Survey Measurement
#                               Dave Clark <ddc@LCS.MIT.EDU>
inbusiness                     244/tcp    inbusiness
inbusiness                     244/udp    inbusiness
#                               Derrick Hisatake <derrick.i.hisatake@intel.com>
link                            245/tcp    LINK
link                            245/udp    LINK
dsp3270                        246/tcp    Display Systems Protocol
dsp3270                        246/udp    Display Systems Protocol
#                               Weldon J. Showalter <Gamma@MINTAKA.DCA.MIL>
subntbcst_tftp                 247/tcp    SUBNTBCST_TFTP
subntbcst_tftp                 247/udp    SUBNTBCST_TFTP
#                               John Fake <fake@us.ibm.com>
bhfhs                          248/tcp    bhfhs
bhfhs                          248/udp    bhfhs
#                               John Kelly <johnk@bellhow.com>
#                               249-255    Reserved
#                               Jon Postel <postel@isi.edu>
rap                             256/tcp    RAP
rap                             256/udp    RAP

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# J.S. Greenfield <greeny@raleigh.ibm.com>
set 257/tcp Secure Electronic Transaction
set 257/udp Secure Electronic Transaction
# Donald Eastlake <dee3@torque.pothole.com>
yak-chat 258/tcp Yak Winsock Personal Chat
yak-chat 258/udp Yak Winsock Personal Chat
# Brian Bandy <bbandy@swbell.net>
esro-gen 259/tcp Efficient Short Remote Operations
esro-gen 259/udp Efficient Short Remote Operations
# Mohsen Banan <mohsen@rostan.neda.com>
openport 260/tcp Openport
openport 260/udp Openport
# John Marland <jmarland@dean.openport.com>
nsiiops 261/tcp IIOP Name Service over TLS/SSL
nsiiops 261/udp IIOP Name Service over TLS/SSL
# Jeff Stewart <jstewart@netscape.com>
arcisdms 262/tcp Arcisdms
arcisdms 262/udp Arcisdms
# Russell Crook (rmc@sni.ca)
hdap 263/tcp HDAP
hdap 263/udp HDAP
# Troy Gau <troy@zyxel.com>
bgmp 264/tcp BGMP
bgmp 264/udp BGMP
# Dave Thaler <thalerd@eecs.umich.edu>
x-bone-ctl 265/tcp X-Bone CTL
x-bone-ctl 265/udp X-Bone CTL
# Joe Touch <touch@isi.edu>
sst 266/tcp SCSI on ST
sst 266/udp SCSI on ST
# Donald D. Woelz <don@genroco.com>
td-service 267/tcp Tobit David Service Layer
td-service 267/udp Tobit David Service Layer
td-replica 268/tcp Tobit David Replica
td-replica 268/udp Tobit David Replica
# Franz-Josef Leuders <development@tobit.com>
# 269-279 Unassigned
http-mgmt 280/tcp http-mgmt
http-mgmt 280/udp http-mgmt
# Adrian Pell
# <PELL_ADRIAN/HP-UnitedKingdom_om6@hplb.hpl.hp.com>
personal-link 281/tcp Personal Link
personal-link 281/udp Personal Link
# Dan Cummings <doc@cnr.com>
cableport-ax 282/tcp Cable Port A/X
cableport-ax 282/udp Cable Port A/X
# Craig Langfahl <Craig_J_Langfahl@ccm.ch.intel.com>
rescap 283/tcp rescap
rescap 283/udp rescap
# Paul Hoffman <phoffman@imc.org>
corerjd 284/tcp corerjd
corerjd 284/udp corerjd
# Chris Thornhill <cjt@corenetworks.com>
# 285 Unassigned
fxp-1 286/tcp FXP-1
fxp-1 286/udp FXP-1
# James Darnall <jim@cennoid.com>
k-block 287/tcp K-BLOCK
k-block 287/udp K-BLOCK
# Simon P Jackson <jacko@kring.co.uk>
# 288-307 Unassigned
novastorbakcup 308/tcp Novastor Backup
novastorbakcup 308/udp Novastor Backup
# Brian Dickman <brian@novastor.com>

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entrusttime	309/tcp	EntrustTime
entrusttime	309/udp	EntrustTime
#		Peter Whittaker <pww@entrust.com>
bhmds	310/tcp	bhmds
bhmds	310/udp	bhmds
#		John Kelly <johnk@bellhow.com>
asip-webadmin	311/tcp	AppleShare IP WebAdmin
asip-webadmin	311/udp	AppleShare IP WebAdmin
#		Ann Huang <annhuang@apple.com>
vslmp	312/tcp	VSLMP
vslmp	312/udp	VSLMP
#		Gerben Wierda <Gerben_Wierda@RnA.nl>
magenta-logic	313/tcp	Magenta Logic
magenta-logic	313/udp	Magenta Logic
#		Karl Rousseau <kr@netfusion.co.uk>
opalis-robot	314/tcp	Opalis Robot
opalis-robot	314/udp	Opalis Robot
#		Laurent Domenech, Opalis <ldomenech@opalis.com>
dpsi	315/tcp	DPSI
dpsi	315/udp	DPSI
#		Tony Scamurra <Tony@DesktopPaging.com>
decauth	316/tcp	decAuth
decauth	316/udp	decAuth
#		Michael Agishtein <misha@unx.dec.com>
zannet	317/tcp	Zannet
zannet	317/udp	Zannet
#		Zan Oliphant <zan@accessone.com>
pkix-timestamp	318/tcp	PKIX TimeStamp
pkix-timestamp	318/udp	PKIX TimeStamp
#		Robert Zuccherato <robert.zuccherato@entrust.com>
ptp-event	319/tcp	PTP Event
ptp-event	319/udp	PTP Event
ptp-general	320/tcp	PTP General
ptp-general	320/udp	PTP General
#		John Eidson <eidson@hpl.hp.com>
pip	321/tcp	PIP
pip	321/udp	PIP
#		Gordon Mohr <gojomo@usa.net>
rtsps	322/tcp	RTSPS
rtsps	322/udp	RTSPS
#		Anders Klemets <anderskl@microsoft.com>
#	323-332	Unassigned
texar	333/tcp	Texar Security Port
texar	333/udp	Texar Security Port
#		Eugen Bacic <ebacic@texar.com>
#	334-343	Unassigned
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

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#                               Alain Robert <arobert@par.sita.int>
# The following entry records an unassigned but widespread use
bhoetty      351/tcp    bhoetty (added 5/21/97)
bhoetty      351/udp    bhoetty
#                               John Kelly <johnk@bellhow.com>
dtag-ste-sb  352/tcp    DTAG (assigned long ago)
dtag-ste-sb  352/udp    DTAG
#                               Ruediger Wald <wald@ez-darmstadt.telekom.de>
# The following entry records an unassigned but widespread use
bhoedap4     352/tcp    bhoedap4 (added 5/21/97)
bhoedap4     352/udp    bhoedap4
#                               John Kelly <johnk@bellhow.com>
ndsauth      353/tcp    NDSAUTH
ndsauth      353/udp    NDSAUTH
#                               Jayakumar Ramalingam <jayakumar@novell.com>
bh611        354/tcp    bh611
bh611        354/udp    bh611
#                               John Kelly <johnk@bellhow.com>
datex-asn    355/tcp    DATEX-ASN
datex-asn    355/udp    DATEX-ASN
#                               Kenneth Vaughn <kvaughn@mail.viggen.com>
cloanto-net-1 356/tcp    Cloanto Net 1
cloanto-net-1 356/udp    Cloanto Net 1
#                               Michael Battilana <mcb-iana@cloanto.com>
bhevent      357/tcp    bhevent
bhevent      357/udp    bhevent
#                               John Kelly <johnk@bellhow.com>
shrinkwrap   358/tcp    Shrinkwrap
shrinkwrap   358/udp    Shrinkwrap
#                               Bill Simpson <wsimpson@greendragon.com>
nsrmp        359/tcp    Network Security Risk Management Protocol
nsrmp        359/udp    Network Security Risk Management Protocol
#                               Eric Jacksch <jacksch@tenebris.ca>
scoi2odialog 360/tcp    scoi2odialog
scoi2odialog 360/udp    scoi2odialog
#                               Keith Petley <keithp@sco.COM>
semantix     361/tcp    Semantix
semantix     361/udp    Semantix
#                               Semantix <xsSupport@semantix.com>
srssend      362/tcp    SRS Send
srssend      362/udp    SRS Send
#                               Curt Mayer <curt@emergent.com>
rsvp_tunnel  363/tcp    RSVP Tunnel
rsvp_tunnel  363/udp    RSVP Tunnel
#                               Andreas Terzis <terzis@cs.ucla.edu>
aurora-cmgr  364/tcp    Aurora CMGR
aurora-cmgr  364/udp    Aurora CMGR
#                               Philip Budne <budne@auroratech.com>
dtk          365/tcp    DTK
dtk          365/udp    DTK
#                               Fred Cohen <fc@all.net>
odmr        366/tcp    ODMR
odmr        366/udp    ODMR
#                               Randall Gellens <randy@qualcomm.com>
mortgageware 367/tcp    MortgageWare
mortgageware 367/udp    MortgageWare
#                               Ole Hellevik <oleh@interling.com>
qbikgdp     368/tcp    QbikGDP
qbikgdp     368/udp    QbikGDP
#                               Adrien de Croy <adrien@qbik.com>
rpc2portmap  369/tcp    rpc2portmap
rpc2portmap  369/udp    rpc2portmap
codaaauth2   370/tcp    codaaauth2
codaaauth2   370/udp    codaaauth2

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# Robert Watson <robert@cyrus.watson.org>
clearcase 371/tcp Clearcase
clearcase 371/udp Clearcase
# Dave LeBlang <leklang@atria.com>
ulistproc 372/tcp ListProcessor
ulistproc 372/udp ListProcessor
# Anastasios Kotsikonas <tasos@cs.bu.edu>
legent-1 373/tcp Legent Corporation
legent-1 373/udp Legent Corporation
legent-2 374/tcp Legent Corporation
legent-2 374/udp Legent Corporation
# Keith Boyce <----none---->
hassle 375/tcp Hassle
hassle 375/udp Hassle
# Reinhard Doelz <doelz@comp.bioz.unibas.ch>
nip 376/tcp Amiga Envoy Network Inquiry Proto
nip 376/udp Amiga Envoy Network Inquiry Proto
# Heinz Wrobel <hwrobel@gmx.de>
tnETOS 377/tcp NEC Corporation
tnETOS 377/udp NEC Corporation
dsETOS 378/tcp NEC Corporation
dsETOS 378/udp NEC Corporation
# Tomoo Fujita <tf@arc.bsl.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@hpptcl6.rose.hp.com>
arns 384/tcp A Remote Network Server System
arns 384/udp A Remote Network Server System
# David Hornsby <djh@munniari.OZ.AU>
ibm-app 385/tcp IBM Application
ibm-app 385/udp IBM Application
# Lisa Tomita <----none---->
asa 386/tcp ASA Message Router Object Def.
asa 386/udp ASA Message Router Object Def.
# Steve Laitinen <laitinen@brutus.aa.ab.com>
aurp 387/tcp Appletalk Update-Based Routing Pro.
aurp 387/udp Appletalk Update-Based Routing Pro.
# Chris Ranch <cranch@novell.com>
unidata-ldm 388/tcp Unidata LDM
unidata-ldm 388/udp Unidata LDM
# Glenn Davis <support@unidata.ucar.edu>
ldap 389/tcp Lightweight Directory Access Protocol
ldap 389/udp Lightweight Directory Access Protocol
# Tim Howes <Tim.Howes@terminator.cc.umich.edu>
uis 390/tcp UIS
uis 390/udp UIS
# Ed Barron <----none---->
synotics-relay 391/tcp SynOptics SNMP Relay Port
synotics-relay 391/udp SynOptics SNMP Relay Port
synotics-broker 392/tcp SynOptics Port Broker Port
synotics-broker 392/udp SynOptics Port Broker Port
# Illan Raab <iraab@synoptics.com>
meta5 393/tcp Meta5
meta5 393/udp Meta5
# Jim Kanzler <jim.kanzler@meta5.com>

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embl-ndt	394/tcp	EMBL Nucleic Data Transfer
embl-ndt	394/udp	EMBL Nucleic Data Transfer
#		Peter Gad <peter@bmc.uu.se>
netcp	395/tcp	NETScout Control Protocol
netcp	395/udp	NETScout Control Protocol
#		Anil Singhal <----none---->
netware-ip	396/tcp	Novell Netware over IP
netware-ip	396/udp	Novell Netware over IP
mptn	397/tcp	Multi Protocol Trans. Net.
mptn	397/udp	Multi Protocol Trans. Net.
#		Soumitra Sarkar <sarkar@vnet.ibm.com>
kryptolan	398/tcp	Kryptolan
kryptolan	398/udp	Kryptolan
#		Peter de Laval <pdl@sectra.se>
iso-tsap-c2	399/tcp	ISO Transport Class 2 Non-Control over TCP
iso-tsap-c2	399/udp	ISO Transport Class 2 Non-Control over TCP
#		Yanick Pouffary <pouffary@taec.enet.dec.com>
work-sol	400/tcp	Workstation Solutions
work-sol	400/udp	Workstation Solutions
#		Jim Ward <jimw@worksta.com>
ups	401/tcp	Uninterruptible Power Supply
ups	401/udp	Uninterruptible Power Supply
#		Charles Bennett <chuck@benatong.com>
genie	402/tcp	Genie Protocol
genie	402/udp	Genie Protocol
#		Mark Hankin <----none---->
decap	403/tcp	decap
decap	403/udp	decap
nced	404/tcp	nced
nced	404/udp	nced
nclld	405/tcp	nclld
nclld	405/udp	nclld
#		Richard Jones <----none---->
imsp	406/tcp	Interactive Mail Support Protocol
imsp	406/udp	Interactive Mail Support Protocol
#		John Myers <jgm+@cmu.edu>
timbuktu	407/tcp	Timbuktu
timbuktu	407/udp	Timbuktu
#		Marc Epard <marc@netopia.com>
prm-sm	408/tcp	Prospero Resource Manager Sys. Man.
prm-sm	408/udp	Prospero Resource Manager Sys. Man.
prm-nm	409/tcp	Prospero Resource Manager Node Man.
prm-nm	409/udp	Prospero Resource Manager Node Man.
#		B. Clifford Neuman <bcn@isi.edu>
decladebug	410/tcp	DECLadebug Remote Debug Protocol
decladebug	410/udp	DECLadebug Remote Debug Protocol
#		Anthony Berent <anthony.berent@reo.mts.dec.com>
rmt	411/tcp	Remote MT Protocol
rmt	411/udp	Remote MT Protocol
#		Peter Eriksson <pen@lysator.liu.se>
synoptics-trap	412/tcp	Trap Convention Port
synoptics-trap	412/udp	Trap Convention Port
#		Illan Raab <iraab@synoptics.com>
smsp	413/tcp	Storage Management Services Protocol
smsp	413/udp	Storage Management Services Protocol
#		Murthy Srinivas <murthy@novell.com>
infoseek	414/tcp	InfoSeek
infoseek	414/udp	InfoSeek
#		Steve Kirsch <stk@infoseek.com>
bnet	415/tcp	BNet
bnet	415/udp	BNet
#		Jim Mertz <JMertz+RV09@rvdc.unisys.com>
silverplatter	416/tcp	Silverplatter
silverplatter	416/udp	Silverplatter

#		Peter Ciuffetti <petec@silverplatter.com>
onmux	417/tcp	Onmux
onmux	417/udp	Onmux
#		Stephen Hanna <hanna@world.std.com>
hyper-g	418/tcp	Hyper-G
hyper-g	418/udp	Hyper-G
#		Frank Kappe <fkappe@iicm.tu-graz.ac.at>
ariell	419/tcp	Ariel
ariell	419/udp	Ariel
#		Lennie Stovel <bl.mds@rlg.org>
smpte	420/tcp	SMPTE
smpte	420/udp	SMPTE
#		Si Becker <71362.22@CompuServe.COM>
ariel2	421/tcp	Ariel
ariel2	421/udp	Ariel
ariel3	422/tcp	Ariel
ariel3	422/udp	Ariel
#		Lennie Stovel <bl.mds@rlg.org>
opc-job-start	423/tcp	IBM Operations Planning and Control Start
opc-job-start	423/udp	IBM Operations Planning and Control Start
opc-job-track	424/tcp	IBM Operations Planning and Control Track
opc-job-track	424/udp	IBM Operations Planning and Control Track
#		Conny Larsson <cocke@VNET.IBM.COM>
icad-el	425/tcp	ICAD
icad-el	425/udp	ICAD
#		Larry Stone <lcs@icad.com>
smartsdp	426/tcp	smartsdp
smartsdp	426/udp	smartsdp
#		Alexander Dupuy <dupuy@smarts.com>
svrloc	427/tcp	Server Location
svrloc	427/udp	Server Location
#		<vezizades@ftp.com>
ocs_cmu	428/tcp	OCS_CMU
ocs_cmu	428/udp	OCS_CMU
ocs_amu	429/tcp	OCS_AMU
ocs_amu	429/udp	OCS_AMU
#		Florence Wyman <wyman@peabody.plk.af.mil>
utmpsd	430/tcp	UTMPSD
utmpsd	430/udp	UTMPSD
utmpcd	431/tcp	UTMPCD
utmpcd	431/udp	UTMPCD
iasd	432/tcp	IASD
iasd	432/udp	IASD
#		Nir Baroz <nbaroz@encore.com>
nnsdp	433/tcp	NNSDP
nnsdp	433/udp	NNSDP
#		Rob Robertson <rob@gangrene.berkeley.edu>
mobileip-agent	434/tcp	MobileIP-Agent
mobileip-agent	434/udp	MobileIP-Agent
mobilip-mn	435/tcp	MobilIP-MN
mobilip-mn	435/udp	MobilIP-MN
#		Kannan Alagappan <kannan@sejour.lkg.dec.com>
dna-cml	436/tcp	DNA-CML
dna-cml	436/udp	DNA-CML
#		Dan Flowers <flowers@smaug.lkg.dec.com>
comscm	437/tcp	comscm
comscm	437/udp	comscm
#		Jim Teague <teague@zso.dec.com>
dsfgw	438/tcp	dsfgw
dsfgw	438/udp	dsfgw
#		Andy McKeen <mckeen@osf.org>
dasp	439/tcp	dasp Thomas Obermair
dasp	439/udp	dasp tommy@inlab.m.eunet.de
#		Thomas Obermair <tommy@inlab.m.eunet.de>

sgcp	440/tcp	sgcp
sgcp	440/udp	sgcp
#		Marshall Rose <mrose@dbc.mtview.ca.us>
decvms-sysmgt	441/tcp	decvms-sysmgt
decvms-sysmgt	441/udp	decvms-sysmgt
#		Lee Barton <barton@star.enet.dec.com>
cvc_hostd	442/tcp	cvc_hostd
cvc_hostd	442/udp	cvc_hostd
#		Bill Davidson <billd@equalizer.cray.com>
https	443/tcp	http protocol over TLS/SSL
https	443/udp	http protocol over TLS/SSL
#		Kipp E.B. Hickman <kipp@mcom.com>
snpp	444/tcp	Simple Network Paging Protocol
snpp	444/udp	Simple Network Paging Protocol
#		[RFC1568]
microsoft-ds	445/tcp	Microsoft-DS
microsoft-ds	445/udp	Microsoft-DS
#		Pradeep Bahl <pradeepb@microsoft.com>
ddm-rdb	446/tcp	DDM-RDB
ddm-rdb	446/udp	DDM-RDB
ddm-dfm	447/tcp	DDM-RFM
ddm-dfm	447/udp	DDM-RFM
#		Jan David Fisher <jdfisher@VNET.IBM.COM>
ddm-ssl	448/tcp	DDM-SSL
ddm-ssl	448/udp	DDM-SSL
#		Steve Ritland <srr@vnet.ibm.com>
as-servermap	449/tcp	AS Server Mapper
as-servermap	449/udp	AS Server Mapper
#		Barbara Foss <BGFOSS@rchvmv.vnet.ibm.com>
tserver	450/tcp	TServer
tserver	450/udp	TServer
#		Harvey S. Schultz <hss@mtgzfs3.mt.att.com>
sfs-smp-net	451/tcp	Cray Network Semaphore server
sfs-smp-net	451/udp	Cray Network Semaphore server
sfs-config	452/tcp	Cray SFS config server
sfs-config	452/udp	Cray SFS config server
#		Walter Poxon <wdp@ironwood.cray.com>
creativeserver	453/tcp	CreativeServer
creativeserver	453/udp	CreativeServer
contentserver	454/tcp	ContentServer
contentserver	454/udp	ContentServer
creativepartnr	455/tcp	CreativePartnr
creativepartnr	455/udp	CreativePartnr
#		Jesus Ortiz <jesus_ortiz@emotion.com>
macon-tcp	456/tcp	macon-tcp
macon-udp	456/udp	macon-udp
#		Yoshinobu Inoue
#		<shin@hodaka.mfd.cs.fujitsu.co.jp>
scohelp	457/tcp	scohelp
scohelp	457/udp	scohelp
#		Faith Zack <faithz@sco.com>
appleqtct	458/tcp	apple quick time
appleqtct	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.pelchl.ampr.org>
skronk	460/tcp	skronk
skronk	460/udp	skronk
#		Henry Strickland <strick@yak.net>
datasurfsrv	461/tcp	DataRampSrv
datasurfsrv	461/udp	DataRampSrv
datasurfsrvsec	462/tcp	DataRampSrvSec

datasurfsrvsec	462/udp	DataRampSrvSec
#		Diane Downie <downie@jibe.MV.COM>
alpes	463/tcp	alpes
alpes	463/udp	alpes
#		Alain Durand <Alain.Durand@imag.fr>
kpasswd	464/tcp	kpasswd
kpasswd	464/udp	kpasswd
#		Theodore Ts'o <tytso@MIT.EDU>
urd	465/tcp	URL Rendesvous Directory for SSM
igmpv3lite	465/udp	IGMP over UDP for SSM
#		Toerless Eckert <eckert@cisco.com>
digital-vrc	466/tcp	digital-vrc
digital-vrc	466/udp	digital-vrc
#		Peter Higginson <higginson@mail.dec.com>
mylex-mapd	467/tcp	mylex-mapd
mylex-mapd	467/udp	mylex-mapd
#		Gary Lewis <GaryL@hq.mylex.com>
photuris	468/tcp	proturis
photuris	468/udp	proturis
#		Bill Simpson <Bill.Simpson@um.cc.umich.edu>
rcp	469/tcp	Radio Control Protocol
rcp	469/udp	Radio Control Protocol
#		Jim Jennings +1-708-538-7241
scx-proxy	470/tcp	scx-proxy
scx-proxy	470/udp	scx-proxy
#		Scott Narveson <sjn@cray.com>
mondex	471/tcp	Mondex
mondex	471/udp	Mondex
#		Bill Reding <redingb@nwdt.natwest.co.uk>
ljk-login	472/tcp	ljk-login
ljk-login	472/udp	ljk-login
#		LJK Software, Cambridge, Massachusetts
#		<support@ljk.com>
hybrid-pop	473/tcp	hybrid-pop
hybrid-pop	473/udp	hybrid-pop
#		Rami Rubin <rami@hybrid.com>
tn-tl-w1	474/tcp	tn-tl-w1
tn-tl-w2	474/udp	tn-tl-w2
#		Ed Kress <eskress@thinknet.com>
tcpnethaspsrv	475/tcp	tcpnethaspsrv
tcpnethaspsrv	475/udp	tcpnethaspsrv
#		Charlie Hava <charlie@aladdin.co.il>
tn-tl-fd1	476/tcp	tn-tl-fd1
tn-tl-fd1	476/udp	tn-tl-fd1
#		Ed Kress <eskress@thinknet.com>
ss7ns	477/tcp	ss7ns
ss7ns	477/udp	ss7ns
#		Jean-Michel URSCH <ursch@taec.enet.dec.com>
spsc	478/tcp	spsc
spsc	478/udp	spsc
#		Mike Rieker <mikea@sp32.com>
iafserver	479/tcp	iafserver
iafserver	479/udp	iafserver
iafdbase	480/tcp	iafdbase
iafdbase	480/udp	iafdbase
#		ricky@solect.com <Rick Yazwinski>
ph	481/tcp	Ph service
ph	481/udp	Ph service
#		Roland Hedberg <Roland.Hedberg@umdac.umu.se>
bgs-nsi	482/tcp	bgs-nsi
bgs-nsi	482/udp	bgs-nsi
#		Jon Saperia <saperia@bgs.com>
ulpnet	483/tcp	ulpnet
ulpnet	483/udp	ulpnet

#		Kevin Mooney <kevinm@bfs.unibol.com>
integra-sme	484/tcp	Integra Software Management Environment
integra-sme	484/udp	Integra Software Management Environment
#		Randall Dow <rand@randix.m.isr.de>
powerburst	485/tcp	Air Soft Power Burst
powerburst	485/udp	Air Soft Power Burst
#		<gary@airsoft.com>
avian	486/tcp	avian
avian	486/udp	avian
#		Robert Ullmann
#		<Robert_Ullmann/CAM/Lotus.LOTUS@crd.lotus.com>
saft	487/tcp	saft Simple Asynchronous File Transfer
saft	487/udp	saft Simple Asynchronous File Transfer
#		Ulli Horlacher <framstag@rus.uni-stuttgart.de>
gss-http	488/tcp	gss-http
gss-http	488/udp	gss-http
#		Doug Rosenthal <rosenthl@krypton.einet.net>
nest-protocol	489/tcp	nest-protocol
nest-protocol	489/udp	nest-protocol
#		Gilles Gameiro <ggameiro@birdland.com>
micom-pfs	490/tcp	micom-pfs
micom-pfs	490/udp	micom-pfs
#		David Misunas <DMisunas@micom.com>
go-login	491/tcp	go-login
go-login	491/udp	go-login
#		Troy Morrison <troy@graphon.com>
ticf-1	492/tcp	Transport Independent Convergence for FNA
ticf-1	492/udp	Transport Independent Convergence for FNA
ticf-2	493/tcp	Transport Independent Convergence for FNA
ticf-2	493/udp	Transport Independent Convergence for FNA
#		Mamoru Ito <Ito@pcnet.ks.pfu.co.jp>
pov-ray	494/tcp	POV-Ray
pov-ray	494/udp	POV-Ray
#		POV-Team Co-ordinator
#		<iana-port.remove-spamguard@povray.org>
intecourier	495/tcp	intecourier
intecourier	495/udp	intecourier
#		Steve Favor <sfavor@tiger.intecom.com>
pim-rp-disc	496/tcp	PIM-RP-DISC
pim-rp-disc	496/udp	PIM-RP-DISC
#		Dino Farinacci <dino@cisco.com>
dantz	497/tcp	dantz
dantz	497/udp	dantz
#		Richard Zulch <richard_zulch@dantz.com>
siam	498/tcp	siam
siam	498/udp	siam
#		Philippe Gilbert <pgilbert@cal.fr>
iso-ill	499/tcp	ISO ILL Protocol
iso-ill	499/udp	ISO ILL Protocol
#		Mark H. Needleman <markn@sirsi.com>
isakmp	500/tcp	isakmp
isakmp	500/udp	isakmp
#		Mark Schertler <mjs@tycho.ncsc.mil>
stmf	501/tcp	STMF
stmf	501/udp	STMF
#		Alan Ungar <aungar@farradyne.com>
asa-appl-proto	502/tcp	asa-appl-proto
asa-appl-proto	502/udp	asa-appl-proto
#		Dennis Dube <ddube@modicon.com>
intrinsa	503/tcp	Intrinsa
intrinsa	503/udp	Intrinsa
#		Robert Ford <robert@intrinsa.com>
citadel	504/tcp	citadel
citadel	504/udp	citadel

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#                               Art Cancro <ajc@uncnsrd.mt-kisco.ny.us>
mailbox-lm                       505/tcp mailbox-lm
mailbox-lm                       505/udp mailbox-lm
#                               Beverly Moody <Beverly_Moody@stercomm.com>
ohimsrv                          506/tcp ohimsrv
ohimsrv                          506/udp ohimsrv
#                               Scott Powell <spowell@openhorizon.com>
crs                              507/tcp crs
crs                              507/udp crs
#                               Brad Wright <bradwr@microsoft.com>
xvttp                            508/tcp xvttp
xvttp                            508/udp xvttp
#                               Keith J. Alphonso <alphonso@ncs-ssc.com>
snare                            509/tcp snare
snare                            509/udp snare
#                               Dennis Batchelder <dennis@capres.com>
fcp                              510/tcp FirstClass Protocol
fcp                              510/udp FirstClass Protocol
#                               Mike Marshburn <paul@softarc.com>
passgo                           511/tcp PassGo
passgo                           511/udp PassGo
#                               John Rainford <jrainford@passgo.com>
exec                             512/tcp remote process execution;
#                               authentication performed using
#                               passwords and UNIX login names
comsat                           512/udp
biff                             512/udp used by mail system to notify users
#                               of new mail received; currently
#                               receives messages only from
#                               processes on the same machine
login                            513/tcp remote login a la telnet;
#                               automatic authentication performed
#                               based on privileged port numbers
#                               and distributed data bases which
#                               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);

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#           uses variant of Xerox NS routing
#           information protocol - RIP
ripng      521/tcp   ripng
ripng      521/udp   ripng
#           Robert E. Minnear <minnear@epsilon.com>
ulp        522/tcp   ULP
ulp        522/udp   ULP
#           Max Morris <maxm@MICROSOFT.com>
ibm-db2    523/tcp   IBM-DB2
ibm-db2    523/udp   IBM-DB2
#           Peter Pau <pau@VNET.IBM.COM>
ncp        524/tcp   NCP
ncp        524/udp   NCP
#           Don Provan <donp@sjf.novell.com>
timed      525/tcp   timeserver
timed      525/udp   timeserver
tempo      526/tcp   newdate
tempo      526/udp   newdate
#           Unknown
stx        527/tcp   Stock IXChange
stx        527/udp   Stock IXChange
custix     528/tcp   Customer IXChange
custix     528/udp   Customer IXChange
#           Ferdi Ladeira <ferdi.ladeira@ixchange.com>
irc-serv   529/tcp   IRC-SERV
irc-serv   529/udp   IRC-SERV
#           Brian Tackett <cym@acrux.net>
courier    530/tcp   rpc
courier    530/udp   rpc
conference 531/tcp   chat
conference 531/udp   chat
netnews    532/tcp   readnews
netnews    532/udp   readnews
netwall    533/tcp   for emergency broadcasts
netwall    533/udp   for emergency broadcasts
mm-admin   534/tcp   MegaMedia Admin
mm-admin   534/udp   MegaMedia Admin
#           Andreas Heidemann <a.heidemann@ais-gmbh.de>
iiop       535/tcp   iiop
iiop       535/udp   iiop
#           Jeff M. Michaud <michaud@zk3.dec.com>
opalis-rdv 536/tcp   opalis-rdv
opalis-rdv 536/udp   opalis-rdv
#           Laurent Domenech <ldomenech@opalis.com>
nmsp       537/tcp   Networked Media Streaming Protocol
nmsp       537/udp   Networked Media Streaming Protocol
#           Paul Santinelli Jr. <psantinelli@narrative.com>
gdomap     538/tcp   gdomap
gdomap     538/udp   gdomap
#           Richard Frith-Macdonald <richard@brainstorm.co.uk>
apertus-ldp 539/tcp   Apertus Technologies Load Determination
apertus-ldp 539/udp   Apertus Technologies Load Determination
uucp       540/tcp   uucpd
uucp       540/udp   uucpd
uucp-rlogin 541/tcp   uucp-rlogin
uucp-rlogin 541/udp   uucp-rlogin
#           Stuart Lynne <sl@wimsey.com>
commerce   542/tcp   commerce
commerce   542/udp   commerce
#           Randy Epstein <repstein@host.net>
klogin     543/tcp   klogin
klogin     543/udp   klogin
kshell     544/tcp   krcmd
kshell     544/udp   krcmd

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appleqtcsrvr	545/tcp	appleqtcsrvr
appleqtcsrvr	545/udp	appleqtcsrvr
#		Murali Ranganathan
#		<Murali_Ranganathan@quickmail.apple.com>
dhcpv6-client	546/tcp	DHCPv6 Client
dhcpv6-client	546/udp	DHCPv6 Client
dhcpv6-server	547/tcp	DHCPv6 Server
dhcpv6-server	547/udp	DHCPv6 Server
#		Jim Bound <bound@zk3.dec.com>
afpovertcp	548/tcp	AFP over TCP
afpovertcp	548/udp	AFP over TCP
#		Leland Wallace <randall@apple.com>
idfp	549/tcp	IDFP
idfp	549/udp	IDFP
#		Ramana Kovi <ramana@kovi.com>
new-rwho	550/tcp	new-who
new-rwho	550/udp	new-who
cybercash	551/tcp	cybercash
cybercash	551/udp	cybercash
#		Donald E. Eastlake 3rd <dee@cybercash.com>
deviceshare	552/tcp	deviceshare
deviceshare	552/udp	deviceshare
#		Brian Schenkenberger <brians@advsyscon.com>
pirp	553/tcp	pirp
pirp	553/udp	pirp
#		D. J. Bernstein <djb@silverton.berkeley.edu>
rtsp	554/tcp	Real Time Stream Control Protocol
rtsp	554/udp	Real Time Stream Control Protocol
#		Rob Lanphier <robla@prognnet.com>
dsf	555/tcp	
dsf	555/udp	
remotefs	556/tcp	rfs server
remotefs	556/udp	rfs server
openvms-sysipc	557/tcp	openvms-sysipc
openvms-sysipc	557/udp	openvms-sysipc
#		Alan Potter <potter@movies.enet.dec.com>
sdnskmp	558/tcp	SDNSKMP
sdnskmp	558/udp	SDNSKMP
teedtap	559/tcp	TEEDTAP
teedtap	559/udp	TEEDTAP
#		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 <rudolphb@microsoft.com>
ms-rome	569/tcp	microsoft rome
ms-rome	569/udp	microsoft rome

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#                               Rudolph Balaz <rudolphb@microsoft.com>
meter                           570/tcp      demon
meter                           570/udp      demon
meter                           571/tcp      udemon
meter                           571/udp      udemon
sonar                            572/tcp      sonar
sonar                            572/udp      sonar
#                               Keith Moore <moore@cs.utk.edu>
banyan-vip                       573/tcp      banyan-vip
banyan-vip                       573/udp      banyan-vip
#                               Denis Leclerc <DLeclerc@banyan.com>
ftp-agent                       574/tcp      FTP Software Agent System
ftp-agent                       574/udp      FTP Software Agent System
#                               Michael S. Greenberg <arnoff@ftp.com>
vemmi                           575/tcp      VEMMI
vemmi                           575/udp      VEMMI
#                               Daniel Mavrakakis <mavrakis@mctel.fr>
ipcd                            576/tcp      ipcd
ipcd                            576/udp      ipcd
vnas                            577/tcp      vnas
vnas                            577/udp      vnas
ipdd                            578/tcp      ipdd
ipdd                            578/udp      ipdd
#                               Jay Farhat <jfarhat@ipass.com>
decbsrv                         579/tcp      decbsrv
decbsrv                         579/udp      decbsrv
#                               Rudi Martin <movies::martin"@movies.enet.dec.com>
snTP-heartbeat                 580/tcp      SNTP HEARTBEAT
snTP-heartbeat                 580/udp      SNTP HEARTBEAT
#                               Louis Mamakos <louie@uu.net>
bdp                             581/tcp      Bundle Discovery Protocol
bdp                             581/udp      Bundle Discovery Protocol
#                               Gary Malkin <gmalkin@xylogics.com>
scc-security                   582/tcp      SCC Security
scc-security                   582/udp      SCC Security
#                               Prashant Dholakia <prashant@semaphorecom.com>
philips-vc                     583/tcp      Philips Video-Conferencing
philips-vc                     583/udp      Philips Video-Conferencing
#                               Janna Chang <janna@pmc.philips.com>
keyserver                      584/tcp      Key Server
keyserver                      584/udp      Key Server
#                               Gary Howland <gary@systemics.com>
imap4-ssl                      585/tcp      IMAP4+SSL (use 993 instead)
imap4-ssl                      585/udp      IMAP4+SSL (use 993 instead)
#                               Terry Gray <gray@cac.washington.edu>
#                               Use of 585 is not recommended, use 993 instead
password-chg                   586/tcp      Password Change
password-chg                   586/udp      Password Change
submission                     587/tcp      Submission
submission                     587/udp      Submission
#                               Randy Gellens <randy@qualcomm.com>
cal                             588/tcp      CAL
cal                             588/udp      CAL
#                               Myron Hattig <Myron_Hattig@ccm.jf.intel.com>
eyelink                        589/tcp      EyeLink
eyelink                        589/udp      EyeLink
#                               Dave Stampe <dstampe@psych.toronto.edu>
tns-cml                        590/tcp      TNS CML
tns-cml                        590/udp      TNS CML
#                               Jerome Albin <albin@taec.enet.dec.com>
http-alt                       591/tcp      FileMaker, Inc. - HTTP Alternate (see Port 80)
http-alt                       591/udp      FileMaker, Inc. - HTTP Alternate (see Port 80)
#                               Clay Maeckel <clay_maeckel@filemaker.com>
eudora-set                     592/tcp      Eudora Set

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eudora-set	592/udp	Eudora Set
#		Randall Gellens <randy@qualcomm.com>
http-rpc-epmap	593/tcp	HTTP RPC Ep Map
http-rpc-epmap	593/udp	HTTP RPC Ep Map
#		Edward Reus <edwardr@microsoft.com>
tpip	594/tcp	TPIP
tpip	594/udp	TPIP
#		Brad Spear <spear@platinum.com>
cab-protocol	595/tcp	CAB Protocol
cab-protocol	595/udp	CAB Protocol
#		Winston Hetherington
smsd	596/tcp	SMSD
smsd	596/udp	SMSD
#		Wayne Barlow <web@unx.dec.com>
ptcnameservice	597/tcp	PTC Name Service
ptcnameservice	597/udp	PTC Name Service
#		Yuri Machkasov <yuri@ptc.com>
sco-websrvrmg3	598/tcp	SCO Web Server Manager 3
sco-websrvrmg3	598/udp	SCO Web Server Manager 3
#		Simon Baldwin <simonb@sco.com>
acp	599/tcp	Aeolon Core Protocol
acp	599/udp	Aeolon Core Protocol
#		Michael Alyn Miller <malyn@aeolon.com>
ipcserver	600/tcp	Sun IPC server
ipcserver	600/udp	Sun IPC server
#		Bill Schiefelbein <schief@aspen.cray.com>
syslog-conn	601/tcp	Reliable Syslog Service
syslog-conn	601/udp	Reliable Syslog Service
#		RFC 3195
#	602-605	Unassigned
urm	606/tcp	Cray Unified Resource Manager
urm	606/udp	Cray Unified Resource Manager
nqs	607/tcp	nqs
nqs	607/udp	nqs
#		Bill Schiefelbein <schief@aspen.cray.com>
sift-uft	608/tcp	Sender-Initiated/Unsolicited File Transfer
sift-uft	608/udp	Sender-Initiated/Unsolicited File Transfer
#		Rick Troth <troth@rice.edu>
npmp-trap	609/tcp	npmp-trap
npmp-trap	609/udp	npmp-trap
npmp-local	610/tcp	npmp-local
npmp-local	610/udp	npmp-local
npmp-gui	611/tcp	npmp-gui
npmp-gui	611/udp	npmp-gui
#		John Barnes <jbarnes@crl.com>
hmmp-ind	612/tcp	HMMP Indication
hmmp-ind	612/udp	HMMP Indication
hmmp-op	613/tcp	HMMP Operation
hmmp-op	613/udp	HMMP Operation
#		Andrew Sinclair <andrsin@microsoft.com>
sshell	614/tcp	SSLshell
sshell	614/udp	SSLshell
#		Simon J. Gerraty <sjg@quick.com.au>
sco-inetmgr	615/tcp	Internet Configuration Manager
sco-inetmgr	615/udp	Internet Configuration Manager
sco-sysmgr	616/tcp	SCO System Administration Server
sco-sysmgr	616/udp	SCO System Administration Server
sco-dtmgr	617/tcp	SCO Desktop Administration Server
sco-dtmgr	617/udp	SCO Desktop Administration Server
#		Christopher Durham <chrisdu@sco.com>
dei-icda	618/tcp	DEI-ICDA
dei-icda	618/udp	DEI-ICDA
#		David Turner <digital@Quetico.tbaytel.net>
compaq-evm	619/tcp	Compaq EVM

compaq-evm	619/udp	Compaq EVM
#		Jem Treadwell <Jem.Treadwell@compaq.com>
sco-websrvrmgr	620/tcp	SCO WebServer Manager
sco-websrvrmgr	620/udp	SCO WebServer Manager
#		Christopher Durham <chrisdu@sco.com>
escp-ip	621/tcp	ESCP
escp-ip	621/udp	ESCP
#		Lai Zit Seng <lzs@pobox.com>
collaborator	622/tcp	Collaborator
collaborator	622/udp	Collaborator
#		Johnson Davis <johnsond@opteamasoft.com>
aux_bus_shunt	623/tcp	Aux Bus Shunt
aux_bus_shunt	623/udp	Aux Bus Shunt
#		Steve Williams <Steven_D_Williams@ccm.jf.intel.com>
cryptoadmin	624/tcp	Crypto Admin
cryptoadmin	624/udp	Crypto Admin
#		Tony Walker <tony@cryptocard.com>
dec_dlm	625/tcp	DEC DLM
dec_dlm	625/udp	DEC DLM
#		Rudi Martin <Rudi.Martin@edo.mts.dec.com>
asia	626/tcp	ASIA
asia	626/udp	ASIA
#		Michael Dasenbrock <dasenbro@apple.com>
passgo-tivoli	627/tcp	PassGo Tivoli
passgo-tivoli	627/udp	PassGo Tivoli
#		Chris Hall <chall@passgo.com>
qmqp	628/tcp	QMQP
qmqp	628/udp	QMQP
#		Dan Bernstein <djb@cr.yp.to>
3com-amp3	629/tcp	3Com AMP3
3com-amp3	629/udp	3Com AMP3
#		Prakash Banthia <prakash_banthia@3com.com>
rda	630/tcp	RDA
rda	630/udp	RDA
#		John Hadjioannou <john@minster.co.uk>
ipp	631/tcp	IPP (Internet Printing Protocol)
ipp	631/udp	IPP (Internet Printing Protocol)
#		Carl-Uno Manros <manros@cpl0.es.xerox.com>
bmpp	632/tcp	bmpp
bmpp	632/udp	bmpp
#		Troy Rollo <troy@kroll.corvu.com.au>
servstat	633/tcp	Service Status update (Sterling Software)
servstat	633/udp	Service Status update (Sterling Software)
#		Greg Rose <Greg_Rose@sydney.sterling.com>
ginad	634/tcp	ginad
ginad	634/udp	ginad
#		Mark Crother <mark@eis.calstate.edu>
rlzdbase	635/tcp	RLZ DBase
rlzdbase	635/udp	RLZ DBase
#		Michael Ginn <ginn@tyxar.com>
ldaps	636/tcp	ldap protocol over TLS/SSL (was sldap)
ldaps	636/udp	ldap protocol over TLS/SSL (was sldap)
#		Pat Richard <patr@xcert.com>
lanserver	637/tcp	lanserver
lanserver	637/udp	lanserver
#		Chris Larsson <clarsson@VNET.IBM.COM>
mcns-sec	638/tcp	mcns-sec
mcns-sec	638/udp	mcns-sec
#		Kaz Ozawa <k.ozawa@cablelabs.com>
msdp	639/tcp	MSDP
msdp	639/udp	MSDP
#		Dino Farinacci <dino@cisco.com>
entrust-sps	640/tcp	entrust-sps
entrust-sps	640/udp	entrust-sps

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# Marek Buchler <Marek.Buchler@entrust.com>
repcmd 641/tcp repcmd
repcmd 641/udp repcmd
# Scott Dale <scott@Replicase.com>
esro-emsdp 642/tcp ESRO-EMSDP V1.3
esro-emsdp 642/udp ESRO-EMSDP V1.3
# Mohsen Banan <mohsen@neda.com>
sanity 643/tcp SANity
sanity 643/udp SANity
# Peter Viscarola <PeterGV@osr.com>
dwr 644/tcp dwr
dwr 644/udp dwr
# Bill Fenner <fenner@parc.xerox.com>
pssc 645/tcp PSSC
pssc 645/udp PSSC
# Egon Meier-Engelen <egon.meier-engelen@dlr.de>
ldp 646/tcp LDP
ldp 646/udp LDP
# Bob Thomas <rhthomas@cisco.com>
dhcp-failover 647/tcp DHCP Failover
dhcp-failover 647/udp DHCP Failover
# Bernard Volz <volz@ipworks.com>
rrp 648/tcp Registry Registrar Protocol (RRP)
rrp 648/udp Registry Registrar Protocol (RRP)
# Scott Hollenbeck <shollenb@netsol.com>
aminet 649/tcp Aminet
aminet 649/udp Aminet
# Martin Toeller <mtoeller@adaptivemedia.com>
obex 650/tcp OBEX
obex 650/udp OBEX
# Jeff Garbers <FJG030@email.mot.com>
ieee-mms 651/tcp IEEE MMS
ieee-mms 651/udp IEEE MMS
# Curtis Anderson <canderson@turbolinux.com>
hello-port 652/tcp HELLO_PORT
hello-port 652/udp HELLO_PORT
# Patrick Capiere <Patrick.Capiere@UDcast.com>
repscmd 653/tcp RepCmd
repscmd 653/udp RepCmd
# Scott Dale <scott@tioga.com>
aodv 654/tcp AODV
aodv 654/udp AODV
# Charles Perkins <cperkins@eng.sun.com>
tinc 655/tcp TINC
tinc 655/udp TINC
# Ivo Timmermans <itimmermans@bigfoot.com>
spmp 656/tcp SPMP
spmp 656/udp SPMP
# Jakob Kaivo <jkaivo@nodomainname.net>
rmc 657/tcp RMC
rmc 657/udp RMC
# Michael Schmidt <mmaass@us.ibm.com>
tenfold 658/tcp TenFold
tenfold 658/udp TenFold
# Louis Olszyk <lolszyk@10fold.com>
# 659 De-Registered (2001 June 06)
mac-srvr-admin 660/tcp MacOS Server Admin
mac-srvr-admin 660/udp MacOS Server Admin
# Forest Hill <forest@apple.com>
hap 661/tcp HAP
hap 661/udp HAP
# Igor Plotnikov <igor@uroam.com>
pftp 662/tcp PFTP
pftp 662/udp PFTP

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# Ben Schluricke <pftp@star.trek.org>
purenoise 663/tcp PureNoise
purenoise 663/udp PureNoise
# Sam Osa <pristine@mailcity.com>
secure-aux-bus 664/tcp Secure Aux Bus
secure-aux-bus 664/udp Secure Aux Bus
# Steven Williams <steven.d.williams@intel.com>
sun-dr 665/tcp Sun DR
sun-dr 665/udp Sun DR
# Harinder Bhasin <Harinder.Bhasin@Sun.COM>
mdqs 666/tcp
mdqs 666/udp
doom 666/tcp doom Id Software
doom 666/udp doom Id Software
# <ddt@idcube.idsoftware.com>
disclose 667/tcp campaign contribution disclosures - SDR Technologies
disclose 667/udp campaign contribution disclosures - SDR Technologies
# Jim Dixon <jim@lambda.com>
mecommm 668/tcp MeComm
mecommm 668/udp MeComm
mereregister 669/tcp MeRegister
mereregister 669/udp MeRegister
# Armin Sawusch <armin@esdl.esd.de>
vacdsm-sws 670/tcp VACDSM-SWS
vacdsm-sws 670/udp VACDSM-SWS
vacdsm-app 671/tcp VACDSM-APP
vacdsm-app 671/udp VACDSM-APP
vpps-qua 672/tcp VPPS-QUA
vpps-qua 672/udp VPPS-QUA
cimplex 673/tcp CIMPLEX
cimplex 673/udp CIMPLEX
# Ulysses G. Smith Jr. <ugsmith@cesj.com>
acap 674/tcp ACAP
acap 674/udp ACAP
# Chris Newman <Chris.Newman@innosoft.com>
dctp 675/tcp DCTP
dctp 675/udp DCTP
# Andre Kramer <Andre.Kramer@ansa.co.uk>
vpps-via 676/tcp VPPS Via
vpps-via 676/udp VPPS Via
# Ulysses G. Smith Jr. <ugsmith@cesj.com>
vpp 677/tcp Virtual Presence Protocol
vpp 677/udp Virtual Presence Protocol
# Klaus Wolf <wolf@cobrow.com>
ggf-ncp 678/tcp GNU Generation Foundation NCP
ggf-ncp 678/udp GNU Generation Foundation NCP
# Noah Paul <noahp@altavista.net>
mrm 679/tcp MRM
mrm 679/udp MRM
# Liming Wei <lwei@cisco.com>
entrust-aaas 680/tcp entrust-aaas
entrust-aaas 680/udp entrust-aaas
entrust-aams 681/tcp entrust-aams
entrust-aams 681/udp entrust-aams
# Adrian Mancini <adrian.mancini@entrust.com>
xfr 682/tcp XFR
xfr 682/udp XFR
# Noah Paul <noahp@ultranet.com>
corba-iiop 683/tcp CORBA IIOP
corba-iiop 683/udp CORBA IIOP
corba-iiop-ssl 684/tcp CORBA IIOP SSL
corba-iiop-ssl 684/udp CORBA IIOP SSL
# Henry Lowe <lowe@omg.org>
mdc-portmapper 685/tcp MDC Port Mapper

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mdc-portmapper	685/udp	MDC Port Mapper
#		Noah Paul <noahp@altavista.net>
hcp-wismar	686/tcp	Hardware Control Protocol Wismar
hcp-wismar	686/udp	Hardware Control Protocol Wismar
#		David Merchant <d.f.merchant@livjm.ac.uk>
asipregistry	687/tcp	asipregistry
asipregistry	687/udp	asipregistry
#		Erik Sea <sea@apple.com>
realm-rusd	688/tcp	REALM-RUSD
realm-rusd	688/udp	REALM-RUSD
#		Jerry Knight <jknight@realminfo.com>
nmap	689/tcp	NMAP
nmap	689/udp	NMAP
#		Peter Dennis Bartok <peter@novonyx.com>
vatp	690/tcp	VATP
vatp	690/udp	VATP
#		Atica Software <comercial@aticasoft.es>
msexch-routing	691/tcp	MS Exchange Routing
msexch-routing	691/udp	MS Exchange Routing
#		David Lemson <dlemson@microsoft.com>
hyperwave-isp	692/tcp	Hyperwave-ISP
hyperwave-isp	692/udp	Hyperwave-ISP
#		Gerald Mesaric <gmesaric@hyperwave.com>
connendp	693/tcp	connendp
connendp	693/udp	connendp
#		Ronny Bremer <rbremer@future-gate.com>
ha-cluster	694/tcp	ha-cluster
ha-cluster	694/udp	ha-cluster
#		Alan Robertson <alanr@unix.sh>
ieee-mms-ssl	695/tcp	IEEE-MMS-SSL
ieee-mms-ssl	695/udp	IEEE-MMS-SSL
#		Curtis Anderson <ecanderson@turbolinux.com>
rushd	696/tcp	RUSHD
rushd	696/udp	RUSHD
#		Greg Ercolano <erco@netcom.com>
uuidgen	697/tcp	UUIDGEN
uuidgen	697/udp	UUIDGEN
#		James Falkner <jhf@eng.sun.com>
olsr	698/tcp	OLSR
olsr	698/udp	OLSR
#		Thomas Clausen <thomas.clausen@inria.fr>
accessnetwork	699/tcp	Access Network
accessnetwork	699/udp	Access Network
#		Yingchun Xu <Yingchun_Xu@3com.com>
#	700-703	Unassigned
elcsd	704/tcp	errlog copy/server daemon
elcsd	704/udp	errlog copy/server daemon
agentx	705/tcp	AgentX
agentx	705/udp	AgentX
#		Bob Natale <natale@acec.com>
silc	706/tcp	SILC
silc	706/udp	SILC
#		Pekka Riikonen <priikone@poseidon.pspt.fi>
borland-dsj	707/tcp	Borland DSJ
borland-dsj	707/udp	Borland DSJ
#		Gerg Cole <gcole@corp.borland.com>
#	708	Unassigned
entrust-kmsh	709/tcp	Entrust Key Management Service Handler
entrust-kmsh	709/udp	Entrust Key Management Service Handler
entrust-ash	710/tcp	Entrust Administration Service Handler
entrust-ash	710/udp	Entrust Administration Service Handler
#		Peter Whittaker <pww@entrust.com>
cisco-tdp	711/tcp	Cisco TDP
cisco-tdp	711/udp	Cisco TDP

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#           Bruce Davie <bsd@cisco.com>
#           712-728 Unassigned
netviewdm1 729/tcp  IBM NetView DM/6000 Server/Client
netviewdm1 729/udp  IBM NetView DM/6000 Server/Client
netviewdm2 730/tcp  IBM NetView DM/6000 send/tcp
netviewdm2 730/udp  IBM NetView DM/6000 send/tcp
netviewdm3 731/tcp  IBM NetView DM/6000 receive/tcp
netviewdm3 731/udp  IBM NetView DM/6000 receive/tcp
#           Philippe Binet (phbinet@vnet.IBM.COM)
#           732-740 Unassigned
netgw      741/tcp  netGW
netgw      741/udp  netGW
#           Oliver Korfmacher (okorf@netcs.com)
netrcs     742/tcp  Network based Rev. Cont. Sys.
netrcs     742/udp  Network based Rev. Cont. Sys.
#           Gordon C. Galligher <gorpong@ping.chi.il.us>
#           743 Unassigned
flexlm     744/tcp  Flexible License Manager
flexlm     744/udp  Flexible License Manager
#           Matt Christiano
#           <globes@matt@oliveb.atc.olivetti.com>
#           745-746 Unassigned
fujitsu-dev 747/tcp  Fujitsu Device Control
fujitsu-dev 747/udp  Fujitsu Device Control
ris-cm     748/tcp  Russell Info Sci Calendar Manager
ris-cm     748/udp  Russell Info Sci Calendar Manager
kerberos-adm 749/tcp  kerberos administration
kerberos-adm 749/udp  kerberos administration
rfile      750/tcp
loadav     750/udp
kerberos-iv 750/udp  kerberos version iv
#           Martin Hamilton <martin@mrml.lut.as.uk>
pump       751/tcp
pump       751/udp
qrh        752/tcp
qrh        752/udp
rrh        753/tcp
rrh        753/udp
tell       754/tcp  send
tell       754/udp  send
#           Josyula R. Rao <jrrao@watson.ibm.com>
#           755-756 Unassigned
nlogin     758/tcp
nlogin     758/udp
con        759/tcp
con        759/udp
ns         760/tcp
ns         760/udp
rx         761/tcp
rx         761/udp
quotad     762/tcp
quotad     762/udp
cycleserv  763/tcp
cycleserv  763/udp
omserv     764/tcp
omserv     764/udp
webster    765/tcp
webster    765/udp
#           Josyula R. Rao <jrrao@watson.ibm.com>
#           766 Unassigned
phonebook  767/tcp  phone
phonebook  767/udp  phone
#           Josyula R. Rao <jrrao@watson.ibm.com>
#           768 Unassigned

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vid	769/tcp	
vid	769/udp	
cadlock	770/tcp	
cadlock	770/udp	
rtip	771/tcp	
rtip	771/udp	
cycleserv2	772/tcp	
cycleserv2	772/udp	
submit	773/tcp	
notify	773/udp	
rpasswd	774/tcp	
acmaint_dbd	774/udp	
entomb	775/tcp	
acmaint_transd	775/udp	
wpages	776/tcp	
wpages	776/udp	
#		Josyula R. Rao <jrrao@watson.ibm.com>
multiling-http	777/tcp	Multiling HTTP
multiling-http	777/udp	Multiling HTTP
#		Alejandro Bonet <babel@ctv.es>
#	778-779	Unassigned
wpgs	780/tcp	
wpgs	780/udp	
#		Josyula R. Rao <jrrao@watson.ibm.com>
#	781-785	Unassigned
concert	786/tcp	Concert
concert	786/udp	Concert
#		Josyula R. Rao <jrrao@watson.ibm.com>
qsc	787/tcp	QSC
qsc	787/udp	QSC
#		James Furness <furn@bluenews.com>
#	788-799	Unassigned
mdb_s_daemon	800/tcp	
mdb_s_daemon	800/udp	
device	801/tcp	
device	801/udp	
#	802-809	Unassigned
fcp-udp	810/tcp	FCP
fcp-udp	810/udp	FCP Datagram
#		Paul Whittemore <paul@softarc.com>
#	811-827	Unassigned
itm-mcell-s	828/tcp	itm-mcell-s
itm-mcell-s	828/udp	itm-mcell-s
#		Miles O'Neal <meo@us.itmasters.com>
pkix-3-ca-ra	829/tcp	PKIX-3 CA/RA
pkix-3-ca-ra	829/udp	PKIX-3 CA/RA
#		Carlisle Adams <Cadams@entrust.com>
#	830-846	Unassigned
dhcp-failover2	847/tcp	dhcp-failover 2
dhcp-failover2	847/udp	dhcp-failover 2
#		Bernard Volz <volz@ipworks.com>
#	848-872	Unassigned
rsync	873/tcp	rsync
rsync	873/udp	rsync
#		Andrew Tridgell <tridge@samba.anu.edu.au>
#	874-885	Unassigned
iclcnets-locate	886/tcp	ICL coNETion locate server
iclcnets-locate	886/udp	ICL coNETion locate server
#		Bob Lyon <bl@oasis.icl.co.uk>
iclcnets_svinf	887/tcp	ICL coNETion server info
iclcnets_svinf	887/udp	ICL coNETion server info
#		Bob Lyon <bl@oasis.icl.co.uk>
accessbuilder	888/tcp	AccessBuilder
accessbuilder	888/udp	AccessBuilder

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#                               Steve Sweeney <Steven_Sweeney@3mail.3com.com>
# The following entry records an unassigned but widespread use
cddbp          888/tcp          CD Database Protocol
#                               Steve Scherf <steve@moonsoft.com>
#
#                               889-899          Unassigned
omginitialrefs 900/tcp          OMG Initial Refs
omginitialrefs 900/udp          OMG Initial Refs
#                               Christian Callsen <Christian.Callsen@eng.sun.com>
smpnameres     901/tcp          SMPNAMERES
smpnameres     901/udp          SMPNAMERES
#                               Leif Ekblad <leif@rdos.net>
ideafarm-chat  902/tcp          IDEAFARM-CHAT
ideafarm-chat  902/udp          IDEAFARM-CHAT
ideafarm-catch 903/tcp          IDEAFARM-CATCH
ideafarm-catch 903/udp          IDEAFARM-CATCH
#                               Wo'o Ideafarm <wo@ideafarm.com>
#                               904-910          Unassigned
xact-backup    911/tcp          xact-backup
xact-backup    911/udp          xact-backup
#                               Bill Carroll <billc@xactlabs.com>
apex-mesh      912/tcp          APEX relay-relay service
apex-mesh      912/udp          APEX relay-relay service
apex-edge      913/tcp          APEX endpoint-relay service
apex-edge      913/udp          APEX endpoint-relay service
#                               [RFCAPEX]
#                               914-988          Unassigned
ftps-data      989/tcp          ftp protocol, data, over TLS/SSL
ftps-data      989/udp          ftp protocol, data, over TLS/SSL
ftps           990/tcp          ftp protocol, control, over TLS/SSL
ftps           990/udp          ftp protocol, control, over TLS/SSL
#                               Christopher Allen <ChristopherA@consensus.com>
nas            991/tcp          Netnews Administration System
nas            991/udp          Netnews Administration System
#                               Vera Heinau <heinau@fu-berlin.de>
#                               Heiko Schlichting <heiko@fu-berlin.de>
telnets       992/tcp          telnet protocol over TLS/SSL
telnets       992/udp          telnet protocol over TLS/SSL
imaps          993/tcp          imap4 protocol over TLS/SSL
imaps          993/udp          imap4 protocol over TLS/SSL
ircs           994/tcp          irc protocol over TLS/SSL
ircs           994/udp          irc protocol over TLS/SSL
#                               Christopher Allen <ChristopherA@consensus.com>
pop3s          995/tcp          pop3 protocol over TLS/SSL (was spop3)
pop3s          995/udp          pop3 protocol over TLS/SSL (was spop3)
#                               Gordon Mangione <gordm@microsoft.com>
vsinet         996/tcp          vsinet
vsinet         996/udp          vsinet
#                               Rob Juergens <robj@vsi.com>
maitrd         997/tcp
maitrd         997/udp
busboy         998/tcp
puparp         998/udp
garcon         999/tcp
applix         999/udp          Applix ac
puprouter      999/tcp
puprouter      999/udp
cadlock2       1000/tcp
cadlock2       1000/udp
#                               1001-1009          Unassigned
#                               1008/udp          Possibly used by Sun Solaris????
surf           1010/tcp          surf
surf           1010/udp          surf
#                               Joseph Geer <jgeer@peapod.com>

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#           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	
#	1026-1029	Unassigned	
iad1	1030/tcp	BBN IAD	
iad1	1030/udp	BBN IAD	
iad2	1031/tcp	BBN IAD	
iad2	1031/udp	BBN IAD	
iad3	1032/tcp	BBN IAD	
iad3	1032/udp	BBN IAD	
#		Andy Malis <malis_a@timeplex.com>	
#	1033-1035	Unassigned	
pcg-radar	1036/tcp	RADAR Service Protocol	
pcg-radar	1036/udp	RADAR Service Protocol	
#		Steve Ravida <Steve@pcguru.com>	
#	1037-1039	Unassigned	
netarx	1040/tcp	Netarx	
netarx	1040/udp	Netarx	
#		Fredrick Paul Eisele <phreed@netarx.com>	
#	1041-1044	Unassigned	
fpitp	1045/tcp	Fingerprint Image Transfer Protocol	
fpitp	1045/udp	Fingerprint Image Transfer Protocol	
#		Steven Fields <sfields@identix.com> February 2002	
#	1046	Unassigned	
neod1	1047/tcp	Sun's NEO Object Request Broker	
neod1	1047/udp	Sun's NEO Object Request Broker	
neod2	1048/tcp	Sun's NEO Object Request Broker	
neod2	1048/udp	Sun's NEO Object Request Broker	
#		Rohit Garg <rohit.garg@eng.sun.com>	
td-postman	1049/tcp	Tobit David Postman VPMN	

td-postman	1049/udp	Tobit David Postman VPMN
#		Franz-Josef Leuders <development@tobit.com>
cma	1050/tcp	CORBA Management Agent
cma	1050/udp	CORBA Management Agent
#		Ramy Zaarour <ramy@lumos.com>
optima-vnet	1051/tcp	Optima VNET
optima-vnet	1051/udp	Optima VNET
#		Ralf Doewich <ralf.doewich@optimizele.com>
ddt	1052/tcp	Dynamic DNS Tools
ddt	1052/udp	Dynamic DNS Tools
#		Remi Lefebvre <remi@debian.org>
remote-as	1053/tcp	Remote Assistant (RA)
remote-as	1053/udp	Remote Assistant (RA)
#		Roman Kriis <roman@previo.ee>
brvread	1054/tcp	BRVREAD
brvread	1054/udp	BRVREAD
#		Gilles Roussel <groussel@eu-symtrax.com>
ansyslmd	1055/tcp	ANSYS - License Manager
ansyslmd	1055/udp	ANSYS - License Manager
#		Suzanne Lorrin <suzanne.lorrin@ansys.com>
vfo	1056/tcp	VFO
vfo	1056/udp	VFO
#		Anthony Gonzalez <agonzall@telcordia.com>
startron	1057/tcp	STARTRON
startron	1057/udp	STARTRON
#		Markus Sabadello <sabadello@startron.org>
nim	1058/tcp	nim
nim	1058/udp	nim
nimreg	1059/tcp	nimreg
nimreg	1059/udp	nimreg
#		Robert Gordon <rbg@austin.ibm.com>
polestar	1060/tcp	POLESTAR
polestar	1060/udp	POLESTAR
#		Masakuni Okada <masakuni@jp.ibm.com>
kiosk	1061/tcp	KIOSK
kiosk	1061/udp	KIOSK
#		Howard Buck <hbuck@maytag.com>
veracity	1062/tcp	Veracity
veracity	1062/udp	Veracity
#		Ross Williams <ross@rocksoft.com>
kyoceranetdev	1063/tcp	KyoceraNetDev
kyoceranetdev	1063/udp	KyoceraNetDev
#		Shigenaka Kanemitsu
#		<Shigenaka_Kanemitsu@ypd.kyocera.co.jp>
jstel	1064/tcp	JSTEL
jstel	1064/udp	JSTEL
#		Duane Kiser <dkiser@jsexpress.com>
syscomlan	1065/tcp	SYSCOMLAN
syscomlan	1065/udp	SYSCOMLAN
#		Henri Schultze
#		<Henri.Schultze@sig-positec-systems.ch>
fpo-fns	1066/tcp	FPO-FNS
fpo-fns	1066/udp	FPO-FNS
#		Jens Klose <jklose@intercope.com>
instl_boots	1067/tcp	Installation Bootstrap Proto. Serv.
instl_boots	1067/udp	Installation Bootstrap Proto. Serv.
instl_bootc	1068/tcp	Installation Bootstrap Proto. Cli.
instl_bootc	1068/udp	Installation Bootstrap Proto. Cli.
#		David Arko <darko@hpfcfn.fc.hp.com>
cognex-insight	1069/tcp	COGNEX-INSIGHT
cognex-insight	1069/udp	COGNEX-INSIGHT
#		Steve Olson <solson@cognex.com>
gmrupdateserv	1070/tcp	GMRUpdateSERV
gmrupdateserv	1070/udp	GMRUpdateSERV

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# 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 BridgeControl
bridgecontrol 1073/udp BridgeControl
# Andy Heron <andy.p.heron@bt.com>
fastechnologlm 1074/tcp FASTTechnologies License Manager
fastechnologlm 1074/udp FASTTechnologies License Manager
# Robert C. Henningsgard
# <rhenn@fastechnologies.com>
rdrmshc 1075/tcp RDRMSHC
rdrmshc 1075/udp RDRMSHC
# Ericko Shimada <eriko@kel.fujitsu.co.jp>
dab-sti-c 1076/tcp DAB STI-C
dab-sti-c 1076/udp DAB STI-C
# World DAB <worldddab_irc@worldddab.org>
imgames 1077/tcp IMGames
imgames 1077/udp IMGames
# Jean A. Ames <enr-admin@flipside.com>
emanagecstp 1078/tcp eManageCstp
emanagecstp 1078/udp eManageCstp
# Steven W. Clark <sclark@equinox.com>
asprovatalk 1079/tcp ASPROVATalk
asprovatalk 1079/udp ASPROVATalk
# Chiew Farn Chung <cfchung@asprova.com>
socks 1080/tcp Socks
socks 1080/udp Socks
# Ying-Da Lee <ylee@syl.dl.nec.com>
pvuniwien 1081/tcp PVUNIWIEN
pvuniwien 1081/udp PVUNIWIEN
# Peter Lipp >Peter.Lipp@iaik.at>
amt-esd-prot 1082/tcp AMT-ESD-PROT
amt-esd-prot 1082/udp AMT-ESD-PROT
# AMTEC S.p.A <sp.amtec@interbusiness.it>
ansoft-lm-1 1083/tcp Anasoft License Manager
ansoft-lm-1 1083/udp Anasoft License Manager
ansoft-lm-2 1084/tcp Anasoft License Manager
ansoft-lm-2 1084/udp Anasoft License Manager
webobjects 1085/tcp Web Objects
webobjects 1085/udp Web Objects
# Andy Belk <abelk@apple.com>
cplscrambler-lg 1086/tcp CPL Scrambler Logging
cplscrambler-lg 1086/udp CPL Scrambler Logging
cplscrambler-in 1087/tcp CPL Scrambler Internal
cplscrambler-in 1087/udp CPL Scrambler Internal
cplscrambler-al 1088/tcp CPL Scrambler Alarm Log
cplscrambler-al 1088/udp CPL Scrambler Alarm Log
# Richard Corn <rac@racc.com>
ff-annunc 1089/tcp FF Annunciation
ff-annunc 1089/udp FF Annunciation
ff-fms 1090/tcp FF Fieldbus Message Specification
ff-fms 1090/udp FF Fieldbus Message Specification
ff-sm 1091/tcp FF System Management
ff-sm 1091/udp FF System Management
# Fieldbus Foundation <dglanzer@fieldbus.org>
obrpdp 1092/tcp Open Business Reporting Protocol
obrpdp 1092/udp Open Business Reporting Protocol
# William Randolph Royere III
# <william@royere.net>
proofd 1093/tcp PROOFD

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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
#		Adrain Colley <Adrian.Colley@East.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
#		Ned Hayes <nhayes@adobe.com>
xrl	1104/tcp	XRL
xrl	1104/udp	XRL
#		Patrick Robinson <probinson@plosive.com>
ftranhc	1105/tcp	FTRANHC
ftranhc	1105/udp	FTRANHC
#		Eriko Shimada <eriko@kel.fujitsu.co.jp>
isoipsigport-1	1106/tcp	ISOIPSIGPORT-1
isoipsigport-1	1106/udp	ISOIPSIGPORT-1
isoipsigport-2	1107/tcp	ISOIPSIGPORT-2
isoipsigport-2	1107/udp	ISOIPSIGPORT-2
#		Peter Egli <peter.egli@inalp.com>
ratio-adp	1108/tcp	ratio-adp
ratio-adp	1108/udp	ratio-adp
#		Oliver Thulke <oth@ratio.de>
#	1109	Reserved - IANA
nfsd-status	1110/tcp	Cluster status info
nfsd-keepalive	1110/udp	Client status info
#		Edgar Circenis <ec@hpfclj.fc.hp.com>
lmsocialserver	1111/tcp	LM Social Server
lmsocialserver	1111/udp	LM Social Server
#		Ron Lussier <coyote@likeminds.com>
icp	1112/tcp	Intelligent Communication Protocol
icp	1112/udp	Intelligent Communication Protocol
#		Mark H. David <mhd@gensym.com>
#	1113	Unassigned
mini-sql	1114/tcp	Mini SQL
mini-sql	1114/udp	Mini SQL
#		David Hughes <bambi@Hughes.com.au>
ardus-trns	1115/tcp	ARDUS Transfer
ardus-trns	1115/udp	ARDUS Transfer
ardus-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

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# Shinya Abe <abeabe@pfu.co.jp>
# 1118-1121 Unassigned
availant-mgr 1122/tcp availant-mgr
availant-mgr 1122/udp availant-mgr
# Steven Pelletier <stevep@Availant.com>
murray 1123/tcp Murray
murray 1123/udp Murray
# Stu Mark <fordii@j51.com>
# 1124-1154 Unassigned
nfa 1155/tcp Network File Access
nfa 1155/udp Network File Access
# James Powell <james@mailhost.unidata.com>
# 1156-1160 Unassigned
health-polling 1161/tcp Health Polling
health-polling 1161/udp Health Polling
health-trap 1162/tcp Health Trap
health-trap 1162/udp Health Trap
# 1163-1168 Unassigned
tripwire 1169/tcp TRIPWIRE
tripwire 1169/udp TRIPWIRE
# Ed Metcalf <emetcalf@tripwiresecurity.com>
# Albert Holt <alberth@triosoftware.com>
# 1170-1179 Unassigned
mc-client 1180/tcp Millicent Client Proxy
mc-client 1180/udp Millicent Client Proxy
# Steve Glassman <steveg@pa.dec.com>
# 1181-1182 Unassigned
llsurfup-http 1183/tcp LL Surfup HTTP
llsurfup-http 1183/udp LL Surfup HTTP
llsurfup-https 1184/tcp LL Surfup HTTPS
llsurfup-https 1184/udp LL Surfup HTTPS
# Katy Lynn McCullough <KatyM@LapLink.com>
catchpole 1185/tcp Catchpole port
catchpole 1185/udp Catchpole port
# Christian Catchpole <christian@catchpole.net> March 2001
# 1186-1187 Unassigned
hp-webadmin 1188/tcp HP Web Admin
hp-webadmin 1188/udp HP Web Admin
# Lance Kind <lance_kind@hp.com>
# 1189-1198 Unassigned
dmidi 1199/tcp DMIDI
dmidi 1199/udp DMIDI
# Phil Kerr <phil@plus24.com> February 2002
scol 1200/tcp SCOL
scol 1200/udp SCOL
# Cryo-Networks <p.favre@cryo-networks.fr>
nucleus-sand 1201/tcp Nucleus Sand
nucleus-sand 1201/udp Nucleus Sand
# James Marsh <James.Marsh@sandtechnology.com>
caiccipc 1202/tcp caiccipc
caiccipc 1202/udp caiccipc
# Vince Re <Vincent.Re@cai.com>
ssslic-mgr 1203/tcp License Validation
ssslic-mgr 1203/udp License Validation
ssslog-mgr 1204/tcp Log Request Listener
ssslog-mgr 1204/udp Log Request Listener
# Eric Bruno <bruno@best.com>
accord-mgc 1205/tcp Accord-MGC
accord-mgc 1205/udp Accord-MGC
# Roni Even <roni_e@accord.co.il>
anthony-data 1206/tcp Anthony Data
anthony-data 1206/udp Anthony Data
# Paul Dollemore <pauld@anthonydata.com>
metasage 1207/tcp MetaSage

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metasage	1207/udp	MetaSage
#		Peter Anvelt <panvelt@xnai.com>
seagull-ais	1208/tcp	SEAGULL AIS
seagull-ais	1208/udp	SEAGULL AIS
#		Lee Breisacher <lbreisacher@seagullsw.com>
ipcd3	1209/tcp	IPCD3
ipcd3	1209/udp	IPCD3
#		Mark Ciskey <mlciskey@plato.com>
eoss	1210/tcp	EOSS
eoss	1210/udp	EOSS
#		Robert Armes <rarmes@axarte.com>
groove-dpp	1211/tcp	Groove DPP
groove-dpp	1211/udp	Groove DPP
#		Ken Moore <kmoore@groove.net>
lupa	1212/tcp	lupa
lupa	1212/udp	lupa
#		Barney Wolff <barney@databus.com>
mpc-lifenet	1213/tcp	MPC LIFENET
mpc-lifenet	1213/udp	MPC LIFENET
#		Ward Silver <hwardsil@wolfenet.com>
kazaa	1214/tcp	KAZAA
kazaa	1214/udp	KAZAA
#		Ahti Heinla <ahti@ahti.bluemoon.ee>
scanstat-1	1215/tcp	scanSTAT 1.0
scanstat-1	1215/udp	scanSTAT 1.0
#		William Scheduling <wls@wls.org>
etebac5	1216/tcp	ETEBAC 5
etebac5	1216/udp	ETEBAC 5
#		GSIT <jl.barbut@gsit.fr>
hpss-ndapi	1217/tcp	HPSS-NDAPI
hpss-ndapi	1217/udp	HPSS-NDAPI
#		Michael Gleicher <mkg@san.rr.com>
aeroflight-ads	1218/tcp	AeroFlight-ADs
aeroflight-ads	1218/udp	AeroFlight-ADs
aeroflight-ret	1219/tcp	AeroFlight-Ret
aeroflight-ret	1219/udp	AeroFlight-Ret
#		Eric Johnson <eric@gruver.net>
qt-serveradmin	1220/tcp	QT SERVER ADMIN
qt-serveradmin	1220/udp	QT SERVER ADMIN
#		Chris LeCroy <lecroy@apple.com>
sweetware-apps	1221/tcp	SweetWARE Apps
sweetware-apps	1221/udp	SweetWARE Apps
#		David Dunetz <david@sweetware.com>
nerv	1222/tcp	SNI R&D network
nerv	1222/udp	SNI R&D network
#		Martin Freiss <freiss.pad@sni.de>
tgp	1223/tcp	TGP
tgp	1223/udp	TGP
#		Gur Kimchi <gur@mail.trulyglobal.com>
vpnz	1224/tcp	VPNz
vpnz	1224/udp	VPNz
#		Tom Strack <TSTRACK@Advnw.com>
slinkysearch	1225/tcp	SLINKYSEARCH
slinkysearch	1225/udp	SLINKYSEARCH
#		Desmond Chan <deschan@prismedia.com>
stgxfws	1226/tcp	STGXFWS
stgxfws	1226/udp	STGXFWS
#		Tetsuya Shioda <tetsuya@saint.nm.fujitsu.co.jp>
dns2go	1227/tcp	DNS2Go
dns2go	1227/udp	DNS2Go
#		Mark Richards <mark.richards@deerfield.com>
florence	1228/tcp	FLORENCE
florence	1228/udp	FLORENCE
#		Brian Trammell <btrammell@iventurelab.com>

novell-zfs	1229/tcp	Novell ZFS
novell-zfs	1229/udp	Novell ZFS
#		Jon Pomeroy <jpomeroy@novell.com>
periscope	1230/tcp	Periscope
periscope	1230/udp	Periscope
#		Kevin Madden <Kevin@emailxtras.com>
menandmice-lpm	1231/tcp	menandmice-lpm
menandmice-lpm	1231/udp	menandmice-lpm
#		Sigfus Magnusson <sigfusm@menandmice.com>
#####	Microsoft (unofficially) using 1232	#####
univ-appserver	1233/tcp	Universal App Server
univ-appserver	1233/udp	Universal App Server
#		Tim Sent <tim.sent@systemsarchitects.com>
search-agent	1234/tcp	Infoseek Search Agent
search-agent	1234/udp	Infoseek Search Agent
#		Jackie Wu <jackiew@infoseek.com>
mosaicssvcl	1235/tcp	mosaicssvcl
mosaicssvcl	1235/udp	mosaicssvcl
#		Brian Matthews <bmatthews@mosaicssystems.com>
bvcontrol	1236/tcp	bvcontrol
bvcontrol	1236/udp	bvcontrol
#		Daniel J Walsh <dwalsh@bindview.com>
tsdos390	1237/tcp	tsdos390
tsdos390	1237/udp	tsdos390
#		Ben Pracht <ben.pracht@tivoli.com>
hacl-qs	1238/tcp	hacl-qs
hacl-qs	1238/udp	hacl-qs
#		Farid Faez <farid_faez@hp.com>
nmsd	1239/tcp	NMSD
nmsd	1239/udp	NMSD
#		Yuri Machkasov <yuri@ptc.com>
instantia	1240/tcp	Instantia
instantia	1240/udp	Instantia
#		Ruth Slater <ruth.slater@ideagen.co.uk>
nessus	1241/tcp	nessus
nessus	1241/udp	nessus
#		Jordan Hrycaj <jordan@mjh.teddy-net.com>
nmasoverip	1242/tcp	NMAS over IP
nmasoverip	1242/udp	NMAS over IP
#		Mark G. Gayman <mgayman@novell.com>
serialgateway	1243/tcp	SerialGateway
serialgateway	1243/udp	SerialGateway
#		Stephen LaValley <lavalley@lucent.com>
isbconferencel	1244/tcp	isbconferencel
isbconferencel	1244/udp	isbconferencel
isbconference2	1245/tcp	isbconference2
isbconference2	1245/udp	isbconference2
#		Arnold Dittmann <dittmann@isbcad.de>
payrouter	1246/tcp	payrouter
payrouter	1246/udp	payrouter
#		David Wilson <dwilson@integral-ie.com>
visionpyramid	1247/tcp	VisionPyramid
visionpyramid	1247/udp	VisionPyramid
#		Gavin Hutchinson <gavinh@visionlogistics.com>
hermes	1248/tcp	hermes
hermes	1248/udp	hermes
#		Not known
mesavistaco	1249/tcp	Mesa Vista Co
mesavistaco	1249/udp	Mesa Vista Co
#		Rick LaBanca <rel@mesasys.com>
swldy-sias	1250/tcp	swldy-sias
swldy-sias	1250/udp	swldy-sias
#		Peter E Williams <peter.williams@smallworld-us.com>
servergraph	1251/tcp	servergraph

servergraph	1251/udp	servergraph
#		Lindsay Morris <lmorris@servergraph.com>
bspne-pcc	1252/tcp	bspne-pcc
bspne-pcc	1252/udp	bspne-pcc
q55-pcc	1253/tcp	q55-pcc
q55-pcc	1253/udp	q55-pcc
#		Prem Tirilok <Prem.Tirilok@tellabs.com>
de-noc	1254/tcp	de-noc
de-noc	1254/udp	de-noc
de-cache-query	1255/tcp	de-cache-query
de-cache-query	1255/udp	de-cache-query
de-server	1256/tcp	de-server
de-server	1256/udp	de-server
#		Jeff Burdette <support@digitalenvoy.net>
shockwave2	1257/tcp	Shockwave 2
shockwave2	1257/udp	Shockwave 2
#		Dave Simmons <dsimmons@macromedia.com>
opennl	1258/tcp	Open Network Library
opennl	1258/udp	Open Network Library
opennl-voice	1259/tcp	Open Network Library Voice
opennl-voice	1259/udp	Open Network Library Voice
#		Phil Frisbie <phil@hawksoft.com>
ibm-ssd	1260/tcp	ibm-ssd
ibm-ssd	1260/udp	ibm-ssd
#		Barry Whyte <barry_whyte@uk.ibm.com>
mpshrsv	1261/tcp	mpshrsv
mpshrsv	1261/udp	mpshrsv
#		Makoto Ikeyama <ikeyama@ael.fujitsu.co.jp>
qnts-orb	1262/tcp	QNTS-ORB
qnts-orb	1262/udp	QNTS-ORB
#		Raghurama Bhat <raghu@quintus.com>
dka	1263/tcp	dka
dka	1263/udp	dka
#		Chris Griffin <cgriffin@dka.com>
prat	1264/tcp	PRAT
prat	1264/udp	PRAT
#		Keith Wood <keith.wood@epid.eurotherm.co.uk>
dssiapi	1265/tcp	DSSI-API
dssiapi	1265/udp	DSSI-API
#		Steve Sando <steve.sando@diversifiedsoftware.com>
dellpwrappks	1266/tcp	DELLPWRAPPKS
dellpwrappks	1266/udp	DELLPWRAPPKS
#		David Troeger <David_Troeger@dell.com>
pcmlinux	1267/tcp	pcmlinux
pcmlinux	1267/udp	pcmlinux
#		Aaron Stein <aaron.stein@ca.com>
propel-msgsys	1268/tcp	PROPEL-MSGSYS
propel-msgsys	1268/udp	PROPEL-MSGSYS
#		Bert Van der Linden <bert@propel.com>
watilapp	1269/tcp	WATiLaPP
watilapp	1269/udp	WATiLaPP
#		Frederic Weymann <Fizzban@swcombine.com>
opsman	1270/tcp	opsman
opsman	1270/udp	opsman
#		Brad Daniels <brad.daniels@netiq.com>
dabew	1271/tcp	Dabew
dabew	1271/udp	Dabew
#		Norm Freedman <normfree@att.net>
cspmlckmgr	1272/tcp	CSPMLockMgr
cspmlckmgr	1272/udp	CSPMLockMgr
#		Ibtsam Mahfouz <imahfouz@cisco.com>
emc-gateway	1273/tcp	EMC-Gateway
emc-gateway	1273/udp	EMC-Gateway
#		Rene Fontaine <fontaine_rene@emc.com>

tldistproc	1274/tcp	tldistproc
tldistproc	1274/udp	tldistproc
#		Julian Biddle <julian_biddle@TechnologyOneCorp.com>
ivcollector	1275/tcp	ivcollector
ivcollector	1275/udp	ivcollector
ivmanager	1276/tcp	ivmanager
ivmanager	1276/udp	ivmanager
#		Xavier Roques <xroques@infovista.fr>
miva-mqs	1277/tcp	mqs
miva-mqs	1277/udp	mqs
#		Miva Corporation <jwoods@miva.com.au>
dellwebadmin-1	1278/tcp	Dell Web Admin 1
dellwebadmin-1	1278/udp	Dell Web Admin 1
dellwebadmin-2	1279/tcp	Dell Web Admin 2
dellwebadmin-2	1279/udp	Dell Web Admin 2
#		Bridget Navoda <Bridget_Navoda@dell.com>
pictrography	1280/tcp	Pictrography
pictrography	1280/udp	Pictrography
#		Takashi Hoshino <hoshino@miya.fujifilm.co.jp>
healthd	1281/tcp	healthd
healthd	1281/udp	healthd
#		James E. Housley <jim@thehousleys.net>
emperion	1282/tcp	Emperion
emperion	1282/udp	Emperion
#		Claus Thor Barth <ctb@satworks.net>
productinfo	1283/tcp	ProductInfo
productinfo	1283/udp	ProductInfo
iee-qfx	1284/tcp	IEE-QFX
iee-qfx	1284/udp	IEE-QFX
#		Kevin D. Quitt <KQuitt@IEEEInc.com>
neoiface	1285/tcp	neoiface
neoiface	1285/udp	neoiface
#		Jason McManus <jasonm@neoinformatics.com>
netuitive	1286/tcp	netuitive
netuitive	1286/udp	netuitive
#		Clayton Wilkinson <cwilkinson@netuitive.com>
#	1287	Unassigned
navbuddy	1288/tcp	NavBuddy
navbuddy	1288/udp	NavBuddy
#		Eric Hackman <ehackman@millapps.com>
jwalkserver	1289/tcp	JWalkServer
jwalkserver	1289/udp	JWalkServer
winjaserver	1290/tcp	WinJaServer
winjaserver	1290/udp	WinJaServer
seagulllms	1291/tcp	SEAGULLLMS
seagulllms	1291/udp	SEAGULLLMS
#		Lee Breisacher <lbreisacher@seafullsw.com>
dsdn	1292/tcp	dsdn
dsdn	1292/udp	dsdn
#		Stanislaw Skowronek <thesis@elementary.pl>
pkt-krb-ipsec	1293/tcp	PKT-KRB-IPSec
pkt-krb-ipsec	1293/udp	PKT-KRB-IPSec
#		Nancy Davoust <n.davoust@cablelabs.com>
cmmdriver	1294/tcp	CMMdriver
cmmdriver	1294/udp	CMMdriver
#		Lutz Karras <karras@zeiss.de>
eetp	1295/tcp	EETP
eetp	1295/udp	EETP
#		Alexander Bogdanov <alexandr_bgd@softhome.net>
dproxy	1296/tcp	dproxy
dproxy	1296/udp	dproxy
sdproxy	1297/tcp	sdproxy
sdproxy	1297/udp	sdproxy
#		Raimond Diederik <rdiederik@descartes.com>

lpcp	1298/tcp	lpcp
lpcp	1298/udp	lpcp
#		Christian Stredicke <stredicke@snom.de>
hp-sci	1299/tcp	hp-sci
hp-sci	1299/udp	hp-sci
#		Kim Scott <kims@cup.hp.com>
h323hostcallsc	1300/tcp	H323 Host Call Secure
h323hostcallsc	1300/udp	H323 Host Call Secure
#		Jim Toga <jtoga@ideal.jf.intel.com>
ci3-software-1	1301/tcp	CI3-Software-1
ci3-software-1	1301/udp	CI3-Software-1
ci3-software-2	1302/tcp	CI3-Software-2
ci3-software-2	1302/udp	CI3-Software-2
#		Kelli Watson <kwatson@ci3software.com>
sftsrv	1303/tcp	sftsrv
sftsrv	1303/udp	sftsrv
#		Robert Frazier <BobF@mrp3.com>
boomerang	1304/tcp	Boomerang
boomerang	1304/udp	Boomerang
#		Bruce Lueckenhoff <brucelu@cisco.com>
pe-mike	1305/tcp	pe-mike
pe-mike	1305/udp	pe-mike
#		Stephen Hemminger <shemminger@passededge.com>
re-conn-PROTO	1306/tcp	RE-Conn-Proto
re-conn-PROTO	1306/udp	RE-Conn-Proto
#		Sandeep Singhal <sandeep@reefedge.com>
pacmand	1307/tcp	Pacmand
pacmand	1307/udp	Pacmand
#		Edward T. O'Shea <oshea@bellsouth.net>
odsi	1308/tcp	Optical Domain Service Interconnect (ODSI)
odsi	1308/udp	Optical Domain Service Interconnect (ODSI)
#		K. Arvind <arvind@tenornetworks.com>
jtag-server	1309/tcp	JTAG server
jtag-server	1309/udp	JTAG server
#		Andrew Draper <adraper@altera.com>
husky	1310/tcp	Husky
husky	1310/udp	Husky
#		Mark Zang <mark@zang.com>
rxmon	1311/tcp	RxMon
rxmon	1311/udp	RxMon
#		Javier Jimenez <javier_l_jimenez@dell.com>
sti-envision	1312/tcp	STI Envision
sti-envision	1312/udp	STI Envision
#		Don Stedman <dones@stisystems.com>
bmc_patrolldb	1313/tcp	BMC_PATROLDB
bmc_patrolldb	1313/udp	BMC_PATROLDB
#		Devon Shows <Devon_Shows@crow.bmc.com>
pdps	1314/tcp	Photoscript Distributed Printing System
pdps	1314/udp	Photoscript Distributed Printing System
#		Les Klein <sgy@cix.compulink.co.uk>
els	1315/tcp	E.L.S., Event Listener Service
els	1315/udp	E.L.S., Event Listener Service
#		Jim Cleppe <clepl3@cfer.com>
exbit-escp	1316/tcp	Exbit-ESCP
exbit-escp	1316/udp	Exbit-ESCP
#		Morten Christensen <mjc@exbit.dk>
vrts-ipcserver	1317/tcp	vrts-ipcserver
vrts-ipcserver	1317/udp	vrts-ipcserver
#		Bruce Hestand <Bruce.Hestand@veritas.com>
krb5gatekeeper	1318/tcp	krb5gatekeeper
krb5gatekeeper	1318/udp	krb5gatekeeper
#		Patrick Moore <pcmoore@sandia.gov>
panja-icsp	1319/tcp	Panja-ICSP
panja-icsp	1319/udp	Panja-ICSP

```

# Ron Barber <ron.barber@panja.com>
panja-axbnet 1320/tcp Panja-AXBNET
panja-axbnet 1320/udp Panja-AXBNET
# Andrew van Wensen <avanwensen@panja.com>
pip 1321/tcp PIP
pip 1321/udp PIP
# Gordon Mohr <gojomo@usa.net>
novation 1322/tcp Novation
novation 1322/udp Novation
# Alan Dano <wiseobject@yahoo.com>
brcd 1323/tcp brcd
brcd 1323/udp brcd
# Todd Picquelle <todd@convergence.net>
delta-mcp 1324/tcp delta-mcp
delta-mcp 1324/udp delta-mcp
# Quinton Tormanen <quinton@deltacompsys.com>
dx-instrument 1325/tcp DX-Instrument
dx-instrument 1325/udp DX-Instrument
# Walt Modic <Walt.Modic@dionex.com>
wimsic 1326/tcp WIMSIC
wimsic 1326/udp WIMSIC
# James Brown <ender@admdev.com>
ultrex 1327/tcp Ultrex
ultrex 1327/udp Ultrex
# Tim Walsh <tim@ultrex.com>
ewall 1328/tcp EWALL
ewall 1328/udp EWALL
# Jeff Busma <busma@echogent.com>
netdb-export 1329/tcp netdb-export
netdb-export 1329/udp netdb-export
# Konstantinos Kostis <netdb@kostis.net>
streetperfect 1330/tcp StreetPerfect
streetperfect 1330/udp StreetPerfect
# Michael R. Young <michael.young@tor.sunpub.com>
intersan 1331/tcp intersan
intersan 1331/udp intersan
# Barry H. Feild <barry@intersan.net>
pcia-rxp-b 1332/tcp PCIA RXP-B
pcia-rxp-b 1332/udp PCIA RXP-B
# James Dabbs <jdabbs@tga.com>
passwd-policy 1333/tcp Password Policy
passwd-policy 1333/udp Password Policy
# Tonio Pirotta <tonio@tpis.com.au>
writesrv 1334/tcp writesrv
writesrv 1334/udp writesrv
# Marvin Toungate <toungate@austin.ibm.com>
digital-notary 1335/tcp Digital Notary Protocol
digital-notary 1335/udp Digital Notary Protocol
# Wes Doonan
ischat 1336/tcp Instant Service Chat
ischat 1336/udp Instant Service Chat
# Mike Clise <mikec@instant-service.com>
menandmice-dns 1337/tcp menandmice DNS
menandmice-dns 1337/udp menandmice DNS
# Sigfus Magnusson <sigfusm@menandmice.com>
wmc-log-svc 1338/tcp WMC-log-svr
wmc-log-svc 1338/udp WMC-log-svr
# Stephen Brosseau <brosseau@workingmachines.com>
kjtsiteserver 1339/tcp kjtsiteserver
kjtsiteserver 1339/udp kjtsiteserver
# Jason Aubain <jaubain@kjt.com>
naap 1340/tcp NAAP
naap 1340/udp NAAP
# Henry Haverinen <henry.haverinen@nokia.com>

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qubes	1341/tcp	QuBES
qubes	1341/udp	QuBES
#		Eric Grange <egrange@creative-it.net>
esbroker	1342/tcp	ESBroker
esbroker	1342/udp	ESBroker
#		Alexander Medvinsky <smedvinsky@gi.com>
rel101	1343/tcp	rel101
rel101	1343/udp	rel101
#		Doriano Blengino <tecnico@xonelectronics.it>
icap	1344/tcp	ICAP
icap	1344/udp	ICAP
#		Jeremy Elson <jelson@isi.edu>
vpjp	1345/tcp	VPJP
vpjp	1345/udp	VPJP
#		Michael Collins <UBMCollins@aol.com>
alta-ana-lm	1346/tcp	Alta Analytics License Manager
alta-ana-lm	1346/udp	Alta Analytics License Manager
bbn-mmc	1347/tcp	multi media conferencing
bbn-mmc	1347/udp	multi media conferencing
bbn-mmx	1348/tcp	multi media conferencing
bbn-mmx	1348/udp	multi media conferencing
sbook	1349/tcp	Registration Network Protocol
sbook	1349/udp	Registration Network Protocol
editbench	1350/tcp	Registration Network Protocol
editbench	1350/udp	Registration Network Protocol
#		Simson L. Garfinkel <simsong@next.cambridge.ma.us>
equationbuilder	1351/tcp	Digital Tool Works (MIT)
equationbuilder	1351/udp	Digital Tool Works (MIT)
#		Terrence J. Talbot <lexcube!tjt@bu.edu>
lotusnote	1352/tcp	Lotus Note
lotusnote	1352/udp	Lotus Note
#		Greg Pflaum <iris.com!Greg_Pflaum@uunet.uu.net>
relief	1353/tcp	Relief Consulting
relief	1353/udp	Relief Consulting
#		John Feiler <relief!jjfeiler@uu2.psi.com>
rightbrain	1354/tcp	RightBrain Software
rightbrain	1354/udp	RightBrain Software
#		Glenn Reid <glann@rightbrain.com>
intuitive-edge	1355/tcp	Intuitive Edge
intuitive-edge	1355/udp	Intuitive Edge
#		Montgomery Zukowski
#		<monty@nextnorth.acs.ohio-state.edu>
cuillamartin	1356/tcp	CuillaMartin Company
cuillamartin	1356/udp	CuillaMartin Company
pegboard	1357/tcp	Electronic PegBoard
pegboard	1357/udp	Electronic PegBoard
#		Chris Cuilla
#		<balr!vpnet!cuilla!chris@clout.chi.il.us>
connlcli	1358/tcp	CONNLCI
connlcli	1358/udp	CONNLCI
ftsrv	1359/tcp	FTSRV
ftsrv	1359/udp	FTSRV
#		Ines Homem de Melo <sidinf@brfapesp.bitnet>
mimer	1360/tcp	MIMER
mimer	1360/udp	MIMER
#		Per Schroeder <Per.Schroeder@mimer.se>
linx	1361/tcp	LinX
linx	1361/udp	LinX
#		Steffen Schilke <---none---
timeflies	1362/tcp	TimeFlies
timeflies	1362/udp	TimeFlies
#		Doug Kent <mouthers@slugg@nwnexus.wa.com>
ndm-requester	1363/tcp	Network DataMover Requester
ndm-requester	1363/udp	Network DataMover Requester

ndm-server	1364/tcp	Network DataMover Server
ndm-server	1364/udp	Network DataMover Server
#		Toshio Watanabe
#		<watanabe@godzilla.rsc.spdd.ricoh.co.j>
adapt-sna	1365/tcp	Network Software Associates
adapt-sna	1365/udp	Network Software Associates
#		Jeffery Chiao <714-768-401>
netware-csp	1366/tcp	Novell NetWare Comm Service Platform
netware-csp	1366/udp	Novell NetWare Comm Service Platform
#		Laurie Lindsey <llindsey@novell.com>
dcs	1367/tcp	DCS
dcs	1367/udp	DCS
#		Stefan Siebert <ssiebert@dcs.de>
screencast	1368/tcp	ScreenCast
screencast	1368/udp	ScreenCast
#		Bill Tschumy <other!bill@uunet.UU.NET>
gv-us	1369/tcp	GlobalView to Unix Shell
gv-us	1369/udp	GlobalView to Unix Shell
us-gv	1370/tcp	Unix Shell to GlobalView
us-gv	1370/udp	Unix Shell to GlobalView
#		Makoto Mita <mita@ssdev.ksp.fujixerox.co.jp>
fc-cli	1371/tcp	Fujitsu Config Protocol
fc-cli	1371/udp	Fujitsu Config Protocol
fc-ser	1372/tcp	Fujitsu Config Protocol
fc-ser	1372/udp	Fujitsu Config Protocol
#		Ryuichi Horie <horie@spad.sysrap.cs.fujitsu.co.jp>
chromagrafx	1373/tcp	Chromagrafx
chromagrafx	1373/udp	Chromagrafx
#		Mike Barthelemy <msb@chromagrafx.com>
molly	1374/tcp	EPI Software Systems
molly	1374/udp	EPI Software Systems
#		Jim Vlcek <vlcek@epimbe.com>
bytex	1375/tcp	Bytex
bytex	1375/udp	Bytex
#		Mary Ann Burt <bytex!ws054!maryann@uunet.UU.NET>
ibm-pps	1376/tcp	IBM Person to Person Software
ibm-pps	1376/udp	IBM Person to Person Software
#		Simon Phipps <sphipps@vnet.ibm.com>
cichlid	1377/tcp	Cichlid License Manager
cichlid	1377/udp	Cichlid License Manager
#		Andy Burgess <aab@cichlid.com>
elan	1378/tcp	Elan License Manager
elan	1378/udp	Elan License Manager
#		Ken Greer <kg@elan.com>
dbreporter	1379/tcp	Integrity Solutions
dbreporter	1379/udp	Integrity Solutions
#		Tim Dawson <tdawson%mspboss@uunet.UU.NET>
telesis-licman	1380/tcp	Telesis Network License Manager
telesis-licman	1380/udp	Telesis Network License Manager
#		Karl Schendel, Jr. <wiz@telesis.com>
apple-licman	1381/tcp	Apple Network License Manager
apple-licman	1381/udp	Apple Network License Manager
#		Earl Wallace <earlw@apple.com>
udt_os	1382/tcp	udt_os
udt_os	1382/udp	udt_os
gwha	1383/tcp	GW Hannaway Network License Manager
gwha	1383/udp	GW Hannaway Network License Manager
#		J. Gabriel Foster <fop@gwha.com>
os-licman	1384/tcp	Objective Solutions License Manager
os-licman	1384/udp	Objective Solutions License Manager
#		Donald Cornwell <don.cornwell@objective.com>
atex_elmd	1385/tcp	Atex Publishing License Manager
atex_elmd	1385/udp	Atex Publishing License Manager
#		Brett Sorenson <bcs@atex.com>

checksum	1386/tcp	CheckSum License Manager
checksum	1386/udp	CheckSum License Manager
#		Andreas Glocker <glocker@sirius.com>
cadsi-lm	1387/tcp	Computer Aided Design Software Inc LM
cadsi-lm	1387/udp	Computer Aided Design Software Inc LM
#		Sulistio Muljadi <e-mail?>
objective-dbc	1388/tcp	Objective Solutions DataBase Cache
objective-dbc	1388/udp	Objective Solutions DataBase Cache
#		Donald Cornwell <e-mail?>
iclpv-dm	1389/tcp	Document Manager
iclpv-dm	1389/udp	Document Manager
iclpv-sc	1390/tcp	Storage Controller
iclpv-sc	1390/udp	Storage Controller
iclpv-sas	1391/tcp	Storage Access Server
iclpv-sas	1391/udp	Storage Access Server
iclpv-pm	1392/tcp	Print Manager
iclpv-pm	1392/udp	Print Manager
iclpv-nls	1393/tcp	Network Log Server
iclpv-nls	1393/udp	Network Log Server
iclpv-nlc	1394/tcp	Network Log Client
iclpv-nlc	1394/udp	Network Log Client
iclpv-wsm	1395/tcp	PC Workstation Manager software
iclpv-wsm	1395/udp	PC Workstation Manager software
#		A.P. Hobson <A.P.Hobson@bra0112.wins.icl.co.uk>
dvl-activemail	1396/tcp	DVL Active Mail
dvl-activemail	1396/udp	DVL Active Mail
audio-activmail	1397/tcp	Audio Active Mail
audio-activmail	1397/udp	Audio Active Mail
video-activmail	1398/tcp	Video Active Mail
video-activmail	1398/udp	Video Active Mail
#		Avshalom Houri <Avshalom@ubique.com>
cadkey-licman	1399/tcp	Cadkey License Manager
cadkey-licman	1399/udp	Cadkey License Manager
cadkey-tablet	1400/tcp	Cadkey Tablet Daemon
cadkey-tablet	1400/udp	Cadkey Tablet Daemon
#		Joe McCollough <joe@cadkey.com>
goldleaf-licman	1401/tcp	Goldleaf License Manager
goldleaf-licman	1401/udp	Goldleaf License Manager
#		John Fox <---none--->
prm-sm-np	1402/tcp	Prospero Resource Manager
prm-sm-np	1402/udp	Prospero Resource Manager
prm-nm-np	1403/tcp	Prospero Resource Manager
prm-nm-np	1403/udp	Prospero Resource Manager
#		B. Clifford Neuman <bcn@isi.edu>
igi-lm	1404/tcp	Infinite Graphics License Manager
igi-lm	1404/udp	Infinite Graphics License Manager
ibm-res	1405/tcp	IBM Remote Execution Starter
ibm-res	1405/udp	IBM Remote Execution Starter
netlabs-lm	1406/tcp	NetLabs License Manager
netlabs-lm	1406/udp	NetLabs License Manager
dbsa-lm	1407/tcp	DBSA License Manager
dbsa-lm	1407/udp	DBSA License Manager
#		Scott Shattuck <ss@dbsa.com>
sophia-lm	1408/tcp	Sophia License Manager
sophia-lm	1408/udp	Sophia License Manager
#		Eric Brown <sst!emerald!eric@uunet.UU.net>
here-lm	1409/tcp	Here License Manager
here-lm	1409/udp	Here License Manager
#		David Ison <here@dialup.oar.net>
hiq	1410/tcp	HiQ License Manager
hiq	1410/udp	HiQ License Manager
#		Rick Pugh <rick@bilmillennium.com>
af	1411/tcp	AudioFile
af	1411/udp	AudioFile

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#                               Jim Gettys <jg@crl.dec.com>
innosys      1412/tcp          InnoSys
innosys      1412/udp          InnoSys
innosys-acl  1413/tcp          Innosys-ACL
innosys-acl  1413/udp          Innosys-ACL
#                               Eric Welch <---none--->
ibm-mqseries 1414/tcp          IBM MQSeries
ibm-mqseries 1414/udp          IBM MQSeries
#                               Roger Meli <rmmeli%winvmd@vnet.ibm.com>
dbstar      1415/tcp          DBStar
dbstar      1415/udp          DBStar
#                               Jeffrey Millman <jcm@dbstar.com>
novell-lu6.2 1416/tcp          Novell LU6.2
novell-lu6.2 1416/udp          Novell LU6.2
#                               Peter Liu <---none--->
timbuktu-srv1 1417/tcp          Timbuktu Service 1 Port
timbuktu-srv1 1417/udp          Timbuktu Service 1 Port
timbuktu-srv2 1418/tcp          Timbuktu Service 2 Port
timbuktu-srv2 1418/udp          Timbuktu Service 2 Port
timbuktu-srv3 1419/tcp          Timbuktu Service 3 Port
timbuktu-srv3 1419/udp          Timbuktu Service 3 Port
timbuktu-srv4 1420/tcp          Timbuktu Service 4 Port
timbuktu-srv4 1420/udp          Timbuktu Service 4 Port
#                               Marc Epard <marc@netopia.com>
gandalf-lm   1421/tcp          Gandalf License Manager
gandalf-lm   1421/udp          Gandalf License Manager
#                               gilmer@gandalf.ca
autodesk-lm  1422/tcp          Autodesk License Manager
autodesk-lm  1422/udp          Autodesk License Manager
#                               David Ko <dko@autodesk.com>
essbase     1423/tcp          Essbase Arbor Software
essbase     1423/udp          Essbase Arbor Software
hybrid      1424/tcp          Hybrid Encryption Protocol
hybrid      1424/udp          Hybrid Encryption Protocol
#                               Howard Hart <hch@hybrid.com>
zion-lm     1425/tcp          Zion Software License Manager
zion-lm     1425/udp          Zion Software License Manager
#                               David Ferrero <david@zion.com>
sais       1426/tcp          Satellite-data Acquisition System 1
sais       1426/udp          Satellite-data Acquisition System 1
#                               Bill Taylor <sais@sssec.wisc.edu>
mloadd     1427/tcp          mloadd monitoring tool
mloadd     1427/udp          mloadd monitoring tool
#                               Bob Braden <braden@isi.edu>
informatik-lm 1428/tcp          Informatik License Manager
informatik-lm 1428/udp          Informatik License Manager
#                               Harald Schlangmann
#                               <schlangm@informatik.uni-muenchen.de>
nms        1429/tcp          Hypercom NMS
nms        1429/udp          Hypercom NMS
tpdu       1430/tcp          Hypercom TPDU
tpdu       1430/udp          Hypercom TPDU
#                               Noor Chowdhury <noor@hypercom.com>
rgtp       1431/tcp          Reverse Gossip Transport
rgtp       1431/udp          Reverse Gossip Transport
#                               Ian Jackson <iwj@cam-orl.co.uk>
blueberry-lm 1432/tcp          Blueberry Software License Manager
blueberry-lm 1432/udp          Blueberry Software License Manager
#                               Steve Beigel <ubblueb!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>

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ibm-cics	1435/tcp	IBM CICS
ibm-cics	1435/udp	IBM CICS
#		Geoff Meacock <gbibmswl@ibmmail.COM>
saism	1436/tcp	Satellite-data Acquisition System 2
saism	1436/udp	Satellite-data Acquisition System 2
#		Bill Taylor <sais@sssec.wisc.edu>
tabula	1437/tcp	Tabula
tabula	1437/udp	Tabula
#		Marcelo Einhorn
#		<KGUNE%HUJIVM1.bitnet@taunivm.tau.ac.il>
eicon-server	1438/tcp	Eicon Security Agent/Server
eicon-server	1438/udp	Eicon Security Agent/Server
eicon-x25	1439/tcp	Eicon X25/SNA Gateway
eicon-x25	1439/udp	Eicon X25/SNA Gateway
eicon-slp	1440/tcp	Eicon Service Location Protocol
eicon-slp	1440/udp	Eicon Service Location Protocol
#		Pat Calhoun <CALHOUN@admin.eicon.qc.ca>
cadis-1	1441/tcp	Cadis License Management
cadis-1	1441/udp	Cadis License Management
cadis-2	1442/tcp	Cadis License Management
cadis-2	1442/udp	Cadis License Management
#		Todd Wichers <twichers@csn.org>
ies-lm	1443/tcp	Integrated Engineering Software
ies-lm	1443/udp	Integrated Engineering Software
#		David Tong <David_Tong@integrated.mb.ca>
marcam-lm	1444/tcp	Marcam License Management
marcam-lm	1444/udp	Marcam License Management
#		Therese Hunt <hunt@marcam.com>
proxima-lm	1445/tcp	Proxima License Manager
proxima-lm	1445/udp	Proxima License Manager
ora-lm	1446/tcp	Optical Research Associates License Manager
ora-lm	1446/udp	Optical Research Associates License Manager
apri-lm	1447/tcp	Applied Parallel Research LM
apri-lm	1447/udp	Applied Parallel Research LM
#		Jim Dillon <jed@apri.com>
oc-lm	1448/tcp	OpenConnect License Manager
oc-lm	1448/udp	OpenConnect License Manager
#		Sue Barnhill <snb@oc.com>
peport	1449/tcp	PEport
peport	1449/udp	PEport
#		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--- ></td
gtegsc-lm	1452/tcp	GTE Government Systems License Man
gtegsc-lm	1452/udp	GTE Government Systems License Man
#		Mike Gregory <Gregory_Mike@msmail.iipo.gtegsc.com>
genie-lm	1453/tcp	Genie License Manager
genie-lm	1453/udp	Genie License Manager
#		Paul Applegate <p.applegate2@genie.geis.com>
interhdl_elmd	1454/tcp	interHDL License Manager
interhdl_elmd	1454/udp	interHDL License Manager
#		Eli Sternheim eli@interhdl.com
esl-lm	1455/tcp	ESL License Manager
esl-lm	1455/udp	ESL License Manager
#		Abel Chou <abel@willy.esl.com>
dca	1456/tcp	DCA
dca	1456/udp	DCA
#		Jeff Garbers <jgarbers@netcom.com>
valisys-lm	1457/tcp	Valisys License Manager
valisys-lm	1457/udp	Valisys License Manager


```

# Leslie Lincoln <leslie_lincoln@valisys.com>
nrcabq-lm 1458/tcp Nichols Research Corp.
nrcabq-lm 1458/udp Nichols Research Corp.
# Howard Cole <hcole@tumbleweed.nrcabq.com>
proshare1 1459/tcp Proshare Notebook Application
proshare1 1459/udp Proshare Notebook Application
proshare2 1460/tcp Proshare Notebook Application
proshare2 1460/udp Proshare Notebook Application
# Robin Kar <Robin_Kar@ccm.hf.intel.com>
ibm_wrless_lan 1461/tcp IBM Wireless LAN
ibm_wrless_lan 1461/udp IBM Wireless LAN
# <flanne@vnet.IBM.COM>
world-lm 1462/tcp World License Manager
world-lm 1462/udp World License Manager
# Michael S Amirault <ambi@world.std.com>
nucleus 1463/tcp Nucleus
nucleus 1463/udp Nucleus
# Venky Nagar <venky@fafner.Stanford.EDU>
msl_lmd 1464/tcp MSL License Manager
msl_lmd 1464/udp MSL License Manager
# Matt Timmermans
pipes 1465/tcp Pipes Platform
pipes 1465/udp Pipes Platform mfarlin@peerlogic.com
# Mark Farlin <mfarlin@peerlogic.com>
oceansoft-lm 1466/tcp Ocean Software License Manager
oceansoft-lm 1466/udp Ocean Software License Manager
# Randy Leonard <randy@oceansoft.com>
csdmbase 1467/tcp CSDMBASE
csdmbase 1467/udp CSDMBASE
csdm 1468/tcp CSDM
csdm 1468/udp CSDM
# Robert Stabl <stabl@informatik.uni-muenchen.de>
aal-lm 1469/tcp Active Analysis Limited License Manager
aal-lm 1469/udp Active Analysis Limited License Manager
# David Snocken +44 (71)437-7009
uaiact 1470/tcp Universal Analytics
uaiact 1470/udp Universal Analytics
# Mark R. Ludwig <Mark-Ludwig@uai.com>
csdmbase 1471/tcp csdmbase
csdmbase 1471/udp csdmbase
csdm 1472/tcp csdm
csdm 1472/udp csdm
# Robert Stabl <stabl@informatik.uni-muenchen.de>
openmath 1473/tcp OpenMath
openmath 1473/udp OpenMath
# Garth Mayville <mayville@maplesoft.on.ca>
telefinder 1474/tcp Telefinder
telefinder 1474/udp Telefinder
# Jim White <Jim_White@spiderisland.com>
taligent-lm 1475/tcp Taligent License Manager
taligent-lm 1475/udp Taligent License Manager
# Mark Sapsford <Mark_Sapsford@taligent.com>
clvm-cfg 1476/tcp clvm-cfg
clvm-cfg 1476/udp clvm-cfg
# Eric Soderberg <seric@cup.hp.com>
ms-sna-server 1477/tcp ms-sna-server
ms-sna-server 1477/udp ms-sna-server
ms-sna-base 1478/tcp ms-sna-base
ms-sna-base 1478/udp ms-sna-base
# Gordon Mangione <gordm@microsoft.com>
dberegister 1479/tcp dberegister
dberegister 1479/udp dberegister
# Brian Griswold <brian@dancingbear.com>
pacerforum 1480/tcp PacerForum

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pacforum	1480/udp	PacerForum
#		Peter Caswell <pfc@pacvax.pacersoft.com>
airs	1481/tcp	AIRS
airs	1481/udp	AIRS
#		Bruce Wilson, 905-771-6161
miteksys-lm	1482/tcp	Miteksys License Manager
miteksys-lm	1482/udp	Miteksys License Manager
#		Shane McRoberts <microberts@miteksys.com>
afs	1483/tcp	AFS License Manager
afs	1483/udp	AFS License Manager
#		Michael R. Pizolato <michael@afs.com>
confluent	1484/tcp	Confluent License Manager
confluent	1484/udp	Confluent License Manager
#		James Greenfiel <jim@pa.confluent.com>
lansource	1485/tcp	LANSource
lansource	1485/udp	LANSource
#		Christopher Wells <Christopher_Wells@3com.com>
nms_topo_serv	1486/tcp	nms_topo_serv
nms_topo_serv	1486/udp	nms_topo_serv
#		Sylvia Siu <Sylvia_Siu@Novell.CO>
localinfosrvr	1487/tcp	LocalInfoSrvr
localinfosrvr	1487/udp	LocalInfoSrvr
#		Brian Matthews <brian_matthews@ibist.ibis.com>
docstor	1488/tcp	DocStor
docstor	1488/udp	DocStor
#		Brian Spears <bspears@salix.com>
dmdocbroker	1489/tcp	dmdocbroker
dmdocbroker	1489/udp	dmdocbroker
#		Razmik Abnous <abnous@documentum.com>
insitu-conf	1490/tcp	insitu-conf
insitu-conf	1490/udp	insitu-conf
#		Paul Blacknell <paul@insitu.com>
anynetgateway	1491/tcp	anynetgateway
anynetgateway	1491/udp	anynetgateway
#		Dan Poirier <poirier@VNET.IBM.COM>
stone-design-1	1492/tcp	stone-design-1
stone-design-1	1492/udp	stone-design-1
#		Andrew Stone <andrew@stone.com>
netmap_lm	1493/tcp	netmap_lm
netmap_lm	1493/udp	netmap_lm
#		Phillip Magson <philm@extro.ucc.su.OZ.AU>
ica	1494/tcp	ica
ica	1494/udp	ica
#		John Richardson, Citrix Systems
cvc	1495/tcp	cvc
cvc	1495/udp	cvc
#		Bill Davidson <billd@equalizer.cray.com>
liberty-lm	1496/tcp	liberty-lm
liberty-lm	1496/udp	liberty-lm
#		Jim Rogers <trane!jimbo@pacbell.com>
rfx-lm	1497/tcp	rfx-lm
rfx-lm	1497/udp	rfx-lm
#		Bill Bishop <bil@rfx.rfx.com>
sybase-sqlany	1498/tcp	Sybase SQL Any
sybase-sqlany	1498/udp	Sybase SQL Any
#		Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
fhc	1499/tcp	Federico Heinz Consultora
fhc	1499/udp	Federico Heinz Consultora
#		Federico Heinz <federico@heinz.com>
vlsi-lm	1500/tcp	VLSI License Manager
vlsi-lm	1500/udp	VLSI License Manager
#		Shue-Lin Kuo <shuelin@mdk.sanjose.vlsi.com>
saiscm	1501/tcp	Satellite-data Acquisition System 3
saiscm	1501/udp	Satellite-data Acquisition System 3

#		Bill Taylor <sais@ssec.wisc.edu>
shivadiscovery	1502/tcp	Shiva
shivadiscovery	1502/udp	Shiva
#		Jonathan Wenocur <jhw@Shiva.COM>
imtc-mcs	1503/tcp	Databeam
imtc-mcs	1503/udp	Databeam
#		Jim Johnston <jjohnston@databeam.com>
evb-elm	1504/tcp	EVB Software Engineering License Manager
evb-elm	1504/udp	EVB Software Engineering License Manager
#		B.G. Mahesh < mahesh@sett.com>
funkproxy	1505/tcp	Funk Software, Inc.
funkproxy	1505/udp	Funk Software, Inc.
#		Robert D. Vincent <bert@willowpond.com>
utcd	1506/tcp	Universal Time daemon (utcd)
utcd	1506/udp	Universal Time daemon (utcd)
#		Walter Poxon <wdp@ironwood.cray.com>
symplex	1507/tcp	symplex
symplex	1507/udp	symplex
#		Mike Turley <turley@symplex.com>
diagmond	1508/tcp	diagmond
diagmond	1508/udp	diagmond
#		Pete Moscatelli <moscat@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@indigo2.mvel.demon.co.uk>Laszlo
31-11	1511/tcp	31-11
31-11	1511/udp	31-11
#		Ian A. Young <iay@threel.co.uk>
wins	1512/tcp	Microsoft's Windows Internet Name Service
wins	1512/udp	Microsoft's Windows Internet Name Service
#		Pradeep Bahl <pradeepb@microsoft.com>
fujitsu-dtc	1513/tcp	Fujitsu Systems Business of America, Inc
fujitsu-dtc	1513/udp	Fujitsu Systems Business of America, Inc
fujitsu-dtcns	1514/tcp	Fujitsu Systems Business of America, Inc
fujitsu-dtcns	1514/udp	Fujitsu Systems Business of America, Inc
#		Charles A. Higgins <75730.2257@compuserve.com>
ifor-protocol	1515/tcp	ifor-protocol
ifor-protocol	1515/udp	ifor-protocol
#		Dr. R.P. Alston <robin@gradient.com>
vpad	1516/tcp	Virtual Places Audio data
vpad	1516/udp	Virtual Places Audio data
vpac	1517/tcp	Virtual Places Audio control
vpac	1517/udp	Virtual Places Audio control
vpvd	1518/tcp	Virtual Places Video data
vpvd	1518/udp	Virtual Places Video data
vpvc	1519/tcp	Virtual Places Video control
vpvc	1519/udp	Virtual Places Video control
#		Avshalom Houri <Avshalom@ubique.com>
atm-zip-office	1520/tcp	atm zip office
atm-zip-office	1520/udp	atm zip office
#		Wilson Kwan <wilsonk%toronto@zip.atm.com>
ncube-lm	1521/tcp	nCube License Manager
ncube-lm	1521/udp	nCube License Manager
#		Maxine Yuen <maxine@hq.ncube.com>
ricardo-lm	1522/tcp	Ricardo North America License Manager
ricardo-lm	1522/udp	Ricardo North America License Manager
#		Mike Flemming <mf@xnet.com>
cichild-lm	1523/tcp	cichild
cichild-lm	1523/udp	cichild
#		Andy Burgess <aab@cichlid.com>
ingreslock	1524/tcp	ingres

ingreslock	1524/udp	ingres
orasrv	1525/tcp	oracle
orasrv	1525/udp	oracle
prospero-np	1525/tcp	Prospero Directory Service non-priv
prospero-np	1525/udp	Prospero Directory Service non-priv
pdap-np	1526/tcp	Prospero Data Access Prot non-priv
pdap-np	1526/udp	Prospero Data Access Prot non-priv
#		B. Clifford Neuman <bcn@isi.edu>
tlisrv	1527/tcp	oracle
tlisrv	1527/udp	oracle
mcautoreg	1528/tcp	mcautoreg
mcautoreg	1528/udp	mcautoreg
#		John Klensin <klensin@MAIL1.RESTON.MCI.NET>
coauthor	1529/tcp	oracle
coauthor	1529/udp	oracle
rap-service	1530/tcp	rap-service
rap-service	1530/udp	rap-service
rap-listen	1531/tcp	rap-listen
rap-listen	1531/udp	rap-listen
#		Phil Servita <meister@ftp.com>
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 Hourii <Avshalom@ubique.com>
micromuse-lm	1534/tcp	micromuse-lm
micromuse-lm	1534/udp	micromuse-lm
#		Adam Kerrison <adam@micromuse.co.uk>
ampr-info	1535/tcp	ampr-info
ampr-info	1535/udp	ampr-info
ampr-inter	1536/tcp	ampr-inter
ampr-inter	1536/udp	ampr-inter
#		Rob Janssen <rob@sys3.pelchl.ampr.org>
sdsc-lm	1537/tcp	isi-lm
sdsc-lm	1537/udp	isi-lm
#		Len Wanger <lrw@sdsc.edu>
3ds-lm	1538/tcp	3ds-lm
3ds-lm	1538/udp	3ds-lm
#		Keith Trummel <ktrummel@autodesk.com>
intellistor-lm	1539/tcp	Intellistor License Manager
intellistor-lm	1539/udp	Intellistor License Manager
#		Ron Vaughn <rv@intellistor.com>
rds	1540/tcp	rds
rds	1540/udp	rds
rds2	1541/tcp	rds2
rds2	1541/udp	rds2
#		Sudhakar Rajamannar <mobius1@cerfnet.com>
gridgen-elmd	1542/tcp	gridgen-elmd
gridgen-elmd	1542/udp	gridgen-elmd
#		John R. Chawner +1 817 354-1004
simba-cs	1543/tcp	simba-cs
simba-cs	1543/udp	simba-cs
#		Betsy Alexander +1 604-681-4549
aspeclmd	1544/tcp	aspeclmd
aspeclmd	1544/udp	aspeclmd
#		V. Balaji <balaji@aspec.com>
vistium-share	1545/tcp	vistium-share
vistium-share	1545/udp	vistium-share
#		Allison Carleton
#		<acarleto@naper1.napervilleil.ncr.com>
abbaccuray	1546/tcp	abbaccuray
abbaccuray	1546/udp	abbaccuray
#		John Wendt 614-261-2000

laplink	1547/tcp	laplink
laplink	1547/udp	laplink
#		Michael Crawford <MichaelC@dev.travsoft.com>
axon-lm	1548/tcp	Axon License Manager
axon-lm	1548/udp	Axon License Manager
#	Mark Pearce <<Mark_A._Pearce/AXON_Networks_Inc..@notes.axon.com>	
shivahose	1549/tcp	Shiva Hose
shivasound	1549/udp	Shiva Sound
#		Kin Chan <kchan@shiva.com>
3m-image-lm	1550/tcp	Image Storage license manager 3M Company
3m-image-lm	1550/udp	Image Storage license manager 3M Company
#		J. C. Canessa <jccanessa@mmm.com>
hecmtl-db	1551/tcp	HECMTL-DB
hecmtl-db	1551/udp	HECMTL-DB
#		Maxime Belanger <R173@hec.ca>
pciarray	1552/tcp	pciarray
pciarray	1552/udp	pciarray
#		Ron Folk <rfolkes@avl.com>
sna-cs	1553/tcp	sna-cs
sna-cs	1553/udp	sna-cs
#		Tony Sowter <ts@datcon.co.uk>
caci-lm	1554/tcp	CACI Products Company License Manager
caci-lm	1554/udp	CACI Products Company License Manager
#		Erik Blume <erikb@caciasl.com>
livelan	1555/tcp	livelan
livelan	1555/udp	livelan
#		khedayat@roadrunner.pictel.com <Kaynam Hedayat>
ashwin	1556/tcp	AshWin CI Technologies
ashwin	1556/udp	AshWin CI Technologies
#		Dave Neal <daven@ashwin.com>
arbortext-lm	1557/tcp	ArborText License Manager
arbortext-lm	1557/udp	ArborText License Manager
#		David J. Wilson <djw@arbortext.com>
xingmpeg	1558/tcp	xingmpeg
xingmpeg	1558/udp	xingmpeg
#		Howard Gordon <hgordon@system.xingtech.com>
web2host	1559/tcp	web2host
web2host	1559/udp	web2host
#		Stephen Johnson <sjohnson@mindspring.com>
ascii-val	1560/tcp	ascii-val
ascii-val	1560/udp	ascii-val
#		Brian Schenkenberger <brians@advsyscon.com>
facilityview	1561/tcp	facilityview
facilityview	1561/udp	facilityview
#		Ed Green <egreen@pmeasuring.com>
pconnectmgr	1562/tcp	pconnectmgr
pconnectmgr	1562/udp	pconnectmgr
#		Bob Kaiser <BKaiser@palindrome.com>
cadabra-lm	1563/tcp	Cadabra License Manager
cadabra-lm	1563/udp	Cadabra License Manager
#		Arthur Castonguay <arthurc@doe.carleton.ca>
pay-per-view	1564/tcp	Pay-Per-View
pay-per-view	1564/udp	Pay-Per-View
#		Brian Tung <brian@isi.edu>
winddlb	1565/tcp	WinDD
winddlb	1565/udp	WinDD
#		Kelly Sims <kellys@garnet.wv.tek.com>
corelvideo	1566/tcp	CORELVIDEO
corelvideo	1566/udp	CORELVIDEO
#		Ming Poon <mingp@corel.ca>
jlicelmd	1567/tcp	jlicelmd
jlicelmd	1567/udp	jlicelmd
#		Christian Schormann <100410.3063@compuserve.com>
tsspmap	1568/tcp	tsspmap

tsspmap	1568/udp	tsspmap
#		Paul W. Nelson <nelson@thursby.com>
ets	1569/tcp	ets
ets	1569/udp	ets
#		Carstein Seeberg <case@boole.no>
orbixd	1570/tcp	orbixd
orbixd	1570/udp	orbixd
#		Bridget Walsh <bwalsh@iona.ie>
rdb-dbs-disp	1571/tcp	Oracle Remote Data Base
rdb-dbs-disp	1571/udp	Oracle Remote Data Base
#		<mackin@us.oracle.com>
chip-lm	1572/tcp	Chipcom License Manager
chip-lm	1572/udp	Chipcom License Manager
#		Jerry Natowitz <Jerry.Natowitz>
itscomm-ns	1573/tcp	itscomm-ns
itscomm-ns	1573/udp	itscomm-ns
#		Rich Thompson <richt@watson.ibm.com>
mvel-lm	1574/tcp	mvel-lm
mvel-lm	1574/udp	mvel-lm
#		David Bisset <dbisset@mvel.demon.co.uk>
oraclenames	1575/tcp	oraclenames
oraclenames	1575/udp	oraclenames
#		P.V.Shivkumar <PSHIVKUM@us.oracle.com>
moldflow-lm	1576/tcp	moldflow-lm
moldflow-lm	1576/udp	moldflow-lm
#		Paul Browne <browne@moldflow.com.au>
hypercube-lm	1577/tcp	hypercube-lm
hypercube-lm	1577/udp	hypercube-lm
#		Christopher McLendon <cem@hyper.com>
jacobus-lm	1578/tcp	Jacobus License Manager
jacobus-lm	1578/udp	Jacobus License Manager
#		Tony Cleveland <tony.cleveland@jacobus.com>
ioc-sea-lm	1579/tcp	ioc-sea-lm
ioc-sea-lm	1579/udp	ioc-sea-lm
#		Paul Nelson <paul@ioc-sea.com>
tn-tl-r1	1580/tcp	tn-tl-r1
tn-tl-r2	1580/udp	tn-tl-r2
#		Ed Kress <eskress@thinknet.com>
mil-2045-47001	1581/tcp	MIL-2045-47001
mil-2045-47001	1581/udp	MIL-2045-47001
#		Eric Whitehill <eawwhiteh@itt.com>
msims	1582/tcp	MSIMS
msims	1582/udp	MSIMS
#		Glenn Olander <gjo@msi.com>
simbaexpress	1583/tcp	simbaexpress
simbaexpress	1583/udp	simbaexpress
#		Betsy Alexander +1 604-681-4549
tn-tl-fd2	1584/tcp	tn-tl-fd2
tn-tl-fd2	1584/udp	tn-tl-fd2
#		Ed Kress <eskress@thinknet.com>
intv	1585/tcp	intv
intv	1585/udp	intv
#		Dermot Tynand <dtynan@claddagh.ie>
ibm-abtact	1586/tcp	ibm-abtact
ibm-abtact	1586/udp	ibm-abtact
#		Sandeep K. Singhal <singhal@CS.Stanford.EDU>
pra_elmd	1587/tcp	pra_elmd
pra_elmd	1587/udp	pra_elmd
#		Dennis Mastin <dennis@tasmania.platte.com>
triquet-lm	1588/tcp	triquet-lm
triquet-lm	1588/udp	triquet-lm
#		Nand Kumar <nkumar@triquet-da.com>
vqp	1589/tcp	VQP
vqp	1589/udp	VQP

#		Keith McCloghrie <kzm@cisco.com>
gemini-lm	1590/tcp	gemini-lm
gemini-lm	1590/udp	gemini-lm
#		Tony Sawyer <tonys@gemtech.com>
ncpm-pm	1591/tcp	ncpm-pm
ncpm-pm	1591/udp	ncpm-pm
#		Ted Power <tedp@hpinpcb.cup.hp.com>
commonspace	1592/tcp	commonspace
commonspace	1592/udp	commonspace
#		Rob Chandhok <chandhok@within.com>
mainsoft-lm	1593/tcp	mainsoft-lm
mainsoft-lm	1593/udp	mainsoft-lm
#		Anand Gangadharan <anand@goa.mainsoft.com>
sixtrak	1594/tcp	sixtrak
sixtrak	1594/udp	sixtrak
#		Bob Rennie <rjrennie@wizvax.net>
radio	1595/tcp	radio
radio	1595/udp	radio
radio-sm	1596/tcp	radio-sm
radio-bc	1596/udp	radio-bc
#		Ken Chapman <kchapman@isis.com>
orbplus-iiop	1597/tcp	orbplus-iiop
orbplus-iiop	1597/udp	orbplus-iiop
#		Robert A. Kukura <kukura@apollo.hp.com>
picknfs	1598/tcp	picknfs
picknfs	1598/udp	picknfs
#		John Lombardo <johnl@picksys.com>
simbaservices	1599/tcp	simbaservices
simbaservices	1599/udp	simbaservices
#		Betsy Alexander +1 604-681-4549
issd	1600/tcp	
issd	1600/udp	
aas	1601/tcp	aas
aas	1601/udp	aas
#		Bob Beard <bobb@lachman.com>
inspect	1602/tcp	inspect
inspect	1602/udp	inspect
#		Frank O'Neill <frank@morse.ilo.dec.com>
pickodbc	1603/tcp	pickodbc
pickodbc	1603/udp	pickodbc
#		John Lombardo <johnl@picksys.com>
icabrowser	1604/tcp	icabrowser
icabrowser	1604/udp	icabrowser
#		Brad Pedersen <bradp@citrix.com>
slp	1605/tcp	Salutation Manager (Salutation Protocol)
slp	1605/udp	Salutation Manager (Salutation Protocol)
slm-api	1606/tcp	Salutation Manager (SLM-API)
slm-api	1606/udp	Salutation Manager (SLM-API)
#		Tohru Mori <tmori@VNET.IBM.COM>
stt	1607/tcp	stt
stt	1607/udp	stt
#		Ryan Bolz <ryanbo@microsoft.com>
smart-lm	1608/tcp	Smart Corp. License Manager
smart-lm	1608/udp	Smart Corp. License Manager
#		Connie Qiu <connie@scdb.com>
isysg-lm	1609/tcp	isysg-lm
isysg-lm	1609/udp	isysg-lm
#		Adam Curtin <adam.curtin@isysg.com>
taurus-wh	1610/tcp	taurus-wh
taurus-wh	1610/udp	taurus-wh
#		Jeff Moffatt <jeff@taurus.com>
ill	1611/tcp	Inter Library Loan
ill	1611/udp	Inter Library Loan
#		Niall Murphy <niallm@orca.ucd.ie>

netbill-trans	1612/tcp	NetBill Transaction Server
netbill-trans	1612/udp	NetBill Transaction Server
netbill-keyrep	1613/tcp	NetBill Key Repository
netbill-keyrep	1613/udp	NetBill Key Repository
netbill-cred	1614/tcp	NetBill Credential Server
netbill-cred	1614/udp	NetBill Credential Server
netbill-auth	1615/tcp	NetBill Authorization Server
netbill-auth	1615/udp	NetBill Authorization Server
netbill-prod	1616/tcp	NetBill Product Server
netbill-prod	1616/udp	NetBill Product Server
#		Marvin Sirbu <sirbu+@andrew.cmu.edu>
nimrod-agent	1617/tcp	Nimrod Inter-Agent Communication
nimrod-agent	1617/udp	Nimrod Inter-Agent Communication
#		Charles Lynn <clynn@bbn.com>
skytelnet	1618/tcp	skytelnet
skytelnet	1618/udp	skytelnet
#		Byron Jones <byronj@bellsouth.net>
xs-openstorage	1619/tcp	xs-openstorage
xs-openstorage	1619/udp	xs-openstorage
#		XuiS Software Ltd. <100322.2376@compuserve.com>
faxportwinport	1620/tcp	faxportwinport
faxportwinport	1620/udp	faxportwinport
#		Chris Wells <chris_wells@lansource.com>
softdataphone	1621/tcp	softdataphone
softdataphone	1621/udp	softdataphone
#		Dror Gill <drorgi@VNET.IBM.COM>n
ontime	1622/tcp	ontime
ontime	1622/udp	ontime
#		Keith Rhodes 810-559-5955
jaleosnd	1623/tcp	jaleosnd
jaleosnd	1623/udp	jaleosnd
#		Christian Schormann <100410.3063@compuserve.com>
udp-sr-port	1624/tcp	udp-sr-port
udp-sr-port	1624/udp	udp-sr-port
#		Herb Jensen <HWJensen@nfsrv.avionics.itt.com>
svs-omagent	1625/tcp	svs-omagent
svs-omagent	1625/udp	svs-omagent
#		Alberto Berlen <aberlen@VNET.IBM.COM>
shockwave	1626/tcp	Shockwave
shockwave	1626/udp	Shockwave
#		Sarah Allen <sallen@macromedia.com>
t128-gateway	1627/tcp	T.128 Gateway
t128-gateway	1627/udp	T.128 Gateway
#		Phil May <pm@datcon.co.uk>
lontalk-norm	1628/tcp	LonTalk normal
lontalk-norm	1628/udp	LonTalk normal
lontalk-urgnt	1629/tcp	LonTalk urgent
lontalk-urgnt	1629/udp	LonTalk urgent
#		Dan Wing <dwing@cisco.com>
oraclenet8cman	1630/tcp	Oracle Net8 Cman
oraclenet8cman	1630/udp	Oracle Net8 Cman
#		Tong-Ming Lee <tmllee@us.oracle.com>
visitview	1631/tcp	Visit view
visitview	1631/udp	Visit view
#		Tom Whittaker <tomw@ssec.wisc.edu>
pammratc	1632/tcp	PAMMRATC
pammratc	1632/udp	PAMMRATC
pammrpc	1633/tcp	PAMMRPC
pammrpc	1633/udp	PAMMRPC
#		John Britton <johnb@peakaudio.com>
loaprobe	1634/tcp	Log On America Probe
loaprobe	1634/udp	Log On America Probe
#		James Tavares, Log On America <krontor@loa.com>
edb-server1	1635/tcp	EDB Server 1

edb-server1	1635/udp	EDB Server 1
#		Carlos Portela <cportela@simple-sw.com>
cncp	1636/tcp	CableNet Control Protocol
cncp	1636/udp	CableNet Control Protocol
cnap	1637/tcp	CableNet Admin Protocol
cnap	1637/udp	CableNet Admin Protocol
cnip	1638/tcp	CableNet Info Protocol
cnip	1638/udp	CableNet Info Protocol
#		Damian Hamill <damian@cablenet.net>
cert-initiator	1639/tcp	cert-initiator
cert-initiator	1639/udp	cert-initiator
cert-responder	1640/tcp	cert-responder
cert-responder	1640/udp	cert-responder
#		Tom Markson <markson@osmosys.incog.com>
invision	1641/tcp	InVision
invision	1641/udp	InVision
#		Christopher Davey <niallocl@quay.ie>
isis-am	1642/tcp	isis-am
isis-am	1642/udp	isis-am
isis-ambc	1643/tcp	isis-ambc
isis-ambc	1643/udp	isis-ambc
#		Ken Chapman <kchapman@isis.com>
saiseh	1644/tcp	Satellite-data Acquisition System 4
#		Bill Taylor <sais@ssec.wisc.edu>
sightline	1645/tcp	SightLine
sightline	1645/udp	SightLine
#		Stuart J. Newman <stuart.newman@fortel.com>
sa-msg-port	1646/tcp	sa-msg-port
sa-msg-port	1646/udp	sa-msg-port
#		Eric Whitehill <eawwhiteh@itt.com>
rsap	1647/tcp	rsap
rsap	1647/udp	rsap
#		Holger Reif
#		<Holger.Reif@prakinf.tu-ilmenau.de>
concurrent-lm	1648/tcp	concurrent-lm
concurrent-lm	1648/udp	concurrent-lm
#		Maggie Brinsford <mjb@concurrent.co.uk>
kermit	1649/tcp	kermit
kermit	1649/udp	kermit
#		Frank da Cruz <fdc@watsun.cc.columbia.edu>
nkd	1650/tcp	nkdn
nkd	1650/udp	nkd
shiva_confsvr	1651/tcp	shiva_confsvr
shiva_confsvr	1651/udp	shiva_confsvr
#		Mike Horowitz <mah@Shiva.COM>
xnmp	1652/tcp	xnmp
xnmp	1652/udp	xnmp
#		Ali Saleh <scomm@cerf.net>
alphatech-lm	1653/tcp	alphatech-lm
alphatech-lm	1653/udp	alphatech-lm
#		Joseph Hauk <joseph.hauk@alphatech.com>
stargatealerts	1654/tcp	stargatealerts
stargatealerts	1654/udp	stargatealerts
#		Tim Coppernoll
#		<Tim_Coppernoll@ccm.jf.intel.com>
dec-mbadmin	1655/tcp	dec-mbadmin
dec-mbadmin	1655/udp	dec-mbadmin
dec-mbadmin-h	1656/tcp	dec-mbadmin-h
dec-mbadmin-h	1656/udp	dec-mbadmin-h
#		Nick Shipman <Nick.Shipman@mrmog.reo.dec.com>
fujitsu-mmpdc	1657/tcp	fujitsu-mmpdc
fujitsu-mmpdc	1657/udp	fujitsu-mmpdc
#		Katsumi Oomuro <NAE01421@niftyserve.or.jp>
sixnetudr	1658/tcp	sixnetudr

sixnetudr	1658/udp	sixnetudr
#		Bob Rennie <rjrennie@wizvax.net>
sg-lm	1659/tcp	Silicon Grail License Manager
sg-lm	1659/udp	Silicon Grail License Manager
#		William R Bishop <wrb@world.std.com>
skip-mc-gikreq	1660/tcp	skip-mc-gikreq
skip-mc-gikreq	1660/udp	skip-mc-gikreq
#		Tom Markson <markson@osmosys.incog.com>
netview-aix-1	1661/tcp	netview-aix-1
netview-aix-1	1661/udp	netview-aix-1
netview-aix-2	1662/tcp	netview-aix-2
netview-aix-2	1662/udp	netview-aix-2
netview-aix-3	1663/tcp	netview-aix-3
netview-aix-3	1663/udp	netview-aix-3
netview-aix-4	1664/tcp	netview-aix-4
netview-aix-4	1664/udp	netview-aix-4
netview-aix-5	1665/tcp	netview-aix-5
netview-aix-5	1665/udp	netview-aix-5
netview-aix-6	1666/tcp	netview-aix-6
netview-aix-6	1666/udp	netview-aix-6
netview-aix-7	1667/tcp	netview-aix-7
netview-aix-7	1667/udp	netview-aix-7
netview-aix-8	1668/tcp	netview-aix-8
netview-aix-8	1668/udp	netview-aix-8
netview-aix-9	1669/tcp	netview-aix-9
netview-aix-9	1669/udp	netview-aix-9
netview-aix-10	1670/tcp	netview-aix-10
netview-aix-10	1670/udp	netview-aix-10
netview-aix-11	1671/tcp	netview-aix-11
netview-aix-11	1671/udp	netview-aix-11
netview-aix-12	1672/tcp	netview-aix-12
netview-aix-12	1672/udp	netview-aix-12
#		Martha Crisson
#		<CRISSON@ralvm12.vnet.ibm.com>
proshare-mc-1	1673/tcp	Intel Proshare Multicast
proshare-mc-1	1673/udp	Intel Proshare Multicast
proshare-mc-2	1674/tcp	Intel Proshare Multicast
proshare-mc-2	1674/udp	Intel Proshare Multicast
#		Mark Lewis <Mark_Lewis@ccm.jf.intel.com>
pdp	1675/tcp	Pacific Data Products
pdp	1675/udp	Pacific Data Products
#		Gary Morton <mortong@pacdata.com>
netcomm1	1676/tcp	netcomm1
netcomm2	1676/udp	netcomm2
#		Bulent Kasman <BKasman@symantec.com>
groupwise	1677/tcp	groupwise
groupwise	1677/udp	groupwise
#		Brent Bradshaw <bbradshaw@novell.com>
prolink	1678/tcp	prolink
prolink	1678/udp	prolink
#		Brian Abramson <brianab@soul.tv.tek.com>
darcorp-lm	1679/tcp	darcorp-lm
darcorp-lm	1679/udp	darcorp-lm
#		<DARcorp@aol.com>
microcom-sbp	1680/tcp	microcom-sbp
microcom-sbp	1680/udp	microcom-sbp
#		Boris B. Maiden <Boris_Maiden@smtp.microcom.com>
sd-elmd	1681/tcp	sd-elmd
sd-elmd	1681/udp	sd-elmd
#		Bryan Otey <bwo@softdesk.com>
lanyon-lantern	1682/tcp	lanyon-lantern
lanyon-lantern	1682/udp	lanyon-lantern
#		Robin Lewis <robin.lewis@lanyon.com>
ncpm-hip	1683/tcp	ncpm-hip

ncpm-hip	1683/udp	ncpm-hip
#		Ken Hearn <hearn@hpindacx.cup.hp.com>
snaresecure	1684/tcp	SnareSecure
snaresecure	1684/udp	SnareSecure
#		Marty Batchelder <marty@capres.com>
n2nremote	1685/tcp	n2nremote
n2nremote	1685/udp	n2nremote
#		Kin Chan <kchan@net2net.com>
cvmon	1686/tcp	cvmon
cvmon	1686/udp	cvmon
#		Carol Ann Krug <carolann@hpmfas3.cup.hp.com>
nsjtp-ctrl	1687/tcp	nsjtp-ctrl
nsjtp-ctrl	1687/udp	nsjtp-ctrl
nsjtp-data	1688/tcp	nsjtp-data
nsjtp-data	1688/udp	nsjtp-data
#		Orazio Granato <og@wsbgrd01.italy.hp.com>
firefox	1689/tcp	firefox
firefox	1689/udp	firefox
#		Mark S. Edwards <marke@firefox.co.uk>
ng-umds	1690/tcp	ng-umds
ng-umds	1690/udp	ng-umds
#		Louis E. Simard <76400.3371@compuserve.com>
empire-empuma	1691/tcp	empire-empuma
empire-empuma	1691/udp	empire-empuma
#		Bobby Krupczak <rdk@empiretech.com>
sstsys-lm	1692/tcp	sstsys-lm
sstsys-lm	1692/udp	sstsys-lm
#		Yih-Wu Wang <sstsys@ix.netcom.com>
rrirtr	1693/tcp	rrirtr
rrirtr	1693/udp	rrirtr
rrimwm	1694/tcp	rrimwm
rrimwm	1694/udp	rrimwm
rrilwm	1695/tcp	rrilwm
rrilwm	1695/udp	rrilwm
rrifmm	1696/tcp	rrifmm
rrifmm	1696/udp	rrifmm
rrisat	1697/tcp	rrisat
rrisat	1697/udp	rrisat
#		Allen Briggs <briggs@access.rrinc.com>
rsvp-encap-1	1698/tcp	RSVP-ENCAPSULATION-1
rsvp-encap-1	1698/udp	RSVP-ENCAPSULATION-1
rsvp-encap-2	1699/tcp	RSVP-ENCAPSULATION-2
rsvp-encap-2	1699/udp	RSVP-ENCAPSULATION-2
#		Bob Braden <braden@isi.edu>
mps-raft	1700/tcp	mps-raft
mps-raft	1700/udp	mps-raft
#		Jason Leupen <Jleupen@aol.com>
l2f	1701/tcp	l2f
l2f	1701/udp	l2f
l2tp	1701/tcp	l2tp
l2tp	1701/udp	l2tp
#		Andy Valencia <vandys@vandys-lap.cisco.com>
deskshare	1702/tcp	deskshare
deskshare	1702/udp	deskshare
#		Sarah Thompson <sarah@telergy.com>
hb-engine	1703/tcp	hb-engine
hb-engine	1703/udp	hb-engine
#		Charles C.L. Chou >cchou@zoom.com>
bcs-broker	1704/tcp	bcs-broker
bcs-broker	1704/udp	bcs-broker
#		Andy Warner <andyw@knoware.nl>
slingshot	1705/tcp	slingshot
slingshot	1705/udp	slingshot
#		Paul Groarke <paulg@quay.ie>

jetform	1706/tcp	jetform
jetform	1706/udp	jetform
#		gdeinsta <gdeinsta@jetform.com>
vdmpplay	1707/tcp	vdmpplay
vdmpplay	1707/udp	vdmpplay
#		Vadim Lebedev <vadim@magic.fr>
gat-lmd	1708/tcp	gat-lmd
gat-lmd	1708/udp	gat-lmd
#		Igor Zaoutine <igor@global-tech.com>
centra	1709/tcp	centra
centra	1709/udp	centra
#		Drew Wolff <dwolff@centra.net>
impera	1710/tcp	impera
impera	1710/udp	impera
#		Stephen Campbell <campbell@uniprise.com>
pptconference	1711/tcp	pptconference
pptconference	1711/udp	pptconference
#		John Tafoya <johnt@microsoft.com>
registrar	1712/tcp	resource monitoring service
registrar	1712/udp	resource monitoring service
#		Ron Lawson <ronaldl@hpindacx.cup.hp.com>
conferencetalk	1713/tcp	ConferenceTalk
conferencetalk	1713/udp	ConferenceTalk
#		George Kajos <gkajos@mail1.videoserver.com>
sesi-lm	1714/tcp	sesi-lm
sesi-lm	1714/udp	sesi-lm
houdini-lm	1715/tcp	houdini-lm
houdini-lm	1715/udp	houdini-lm
#		Paul Breslin <phb@SIDEFX.COM>
xmsg	1716/tcp	xmsg
xmsg	1716/udp	xmsg
#		Mark E. Fogle <mefogle@xantel.com>
fj-hdnet	1717/tcp	fj-hdnet
fj-hdnet	1717/udp	fj-hdnet
#		Manabu Makino <m-makino@ael.fujitsu.co.jp>
h323gatedisc	1718/tcp	h323gatedisc
h323gatedisc	1718/udp	h323gatedisc
h323gatestat	1719/tcp	h323gatestat
h323gatestat	1719/udp	h323gatestat
h323hostcall	1720/tcp	h323hostcall
h323hostcall	1720/udp	h323hostcall
#		Jim Toga <jtoga@ibeam.jf.intel.com>
caicci	1721/tcp	caicci
caicci	1721/udp	caicci
#		Sylvia Scheuren <schsy02@cai.com>
hks-lm	1722/tcp	HKS License Manager
hks-lm	1722/udp	HKS License Manager
#		Michael Wood <wood@althea.hks.com>
pptp	1723/tcp	pptp
pptp	1723/udp	pptp
#		Ken Crocker <kcrocker@microsoft.com>
csbphonemaster	1724/tcp	csbphonemaster
csbphonemaster	1724/udp	csbphonemaster
#		Mark Kellerhuis <Mark_Kellerhuis@msn.com>
iden-ralp	1725/tcp	iden-ralp
iden-ralp	1725/udp	iden-ralp
#		Chris Stanaway <stanaway@comm.mot.com>
iberiagames	1726/tcp	IBERIAGAMES
iberiagames	1726/udp	IBERIAGAMES
#		Jose Luis <73374.313@compuserve.com>
winddx	1727/tcp	winddx
winddx	1727/udp	winddx
#		Bill Andrews <billa@vnd.tek.com>
telindus	1728/tcp	TELINDUS

telindus	1728/udp	TELINDUS
#		Paul Pyck <papy@telindus.be
citynl	1729/tcp	CityNL License Management
citynl	1729/udp	CityNL License Management
#		CityDisc >citydisc@euronet.nl>
roketz	1730/tcp	roketz
roketz	1730/udp	roketz
#		Ahti Heinla <ahti@ahti.bluemoon.ee>
msiccp	1731/tcp	MSICCP
msiccp	1731/udp	MSICCP
#		Max Morris <maxm@MICROSOFT.com>
proxim	1732/tcp	proxim
proxim	1732/udp	proxim
#		Srinivas N. Mogalapalli <srinivas@proxim.com>
siipat	1733/tcp	SIMS - SIIPAT Protocol for Alarm Transmission
siipat	1733/udp	SIMS - SIIPAT Protocol for Alarm Transmission
#		Steve Ryckman <sryckman@simsware.com>
cambertx-lm	1734/tcp	Camber Corporation License Management
cambertx-lm	1734/udp	Camber Corporation License Management
#		Jeannie Burleson <jeannie@cambertx.com>
privatechat	1735/tcp	PrivateChat
privatechat	1735/udp	PrivateChat
#		Louis E. Simard <76400.3371@CompuServe.COM>
street-stream	1736/tcp	street-stream
street-stream	1736/udp	street-stream
#		Glenn Levitt <streetdl@ix.netcom.com>
ultimad	1737/tcp	ultimad
ultimad	1737/udp	ultimad
#		(Michael Lanzetta <hagbard@ultimatech.com>
gamegen1	1738/tcp	GameGen1
gamegen1	1738/udp	GameGen1
#		Glen Pearson <GlenP@multigen.com>
webaccess	1739/tcp	webaccess
webaccess	1739/udp	webaccess
#		Christian Saether <ChristianS@asymetrix.com>
encore	1740/tcp	encore
encore	1740/udp	encore
#		Stuart Button <button@promis.com>
cisco-net-mgmt	1741/tcp	cisco-net-mgmt
cisco-net-mgmt	1741/udp	cisco-net-mgmt
#		John McCormack <jmac@cisco.com>
3Com-nsd	1742/tcp	3Com-nsd
3Com-nsd	1742/udp	3Com-nsd
#		Nitza Steinberg <nitza@isd.3com.com>
cinegrfx-lm	1743/tcp	Cinema Graphics License Manager
cinegrfx-lm	1743/udp	Cinema Graphics License Manager
#		Rodney Iwashina <rodney@cyclone.rfx.com>
ncpm-ft	1744/tcp	ncpm-ft
ncpm-ft	1744/udp	ncpm-ft
#		Ken Hearn <hearn@hpindacx.cup.hp.com>
remote-winsock	1745/tcp	remote-winsock
remote-winsock	1745/udp	remote-winsock
#		Avi Nathan <avin@microsoft.com>
ftrapid-1	1746/tcp	ftrapid-1
ftrapid-1	1746/udp	ftrapid-1
ftrapid-2	1747/tcp	ftrapid-2
ftrapid-2	1747/udp	ftrapid-2
#		Richard J. Williams <RJW1@trpo4.tr.unisys.com>
oracle-em1	1748/tcp	oracle-em1
oracle-em1	1748/udp	oracle-em1
#		Bob Purvy <bpurvy@us.oracle.com>
aspen-services	1749/tcp	aspen-services
aspen-services	1749/udp	aspen-services
#		Mark B. Hurst <mhurst@aspenres.com>

sslp	1750/tcp	Simple Socket Library's PortMaster
sslp	1750/udp	Simple Socket Library's PortMaster
#		Dr. Charles E. Campbell Jr.
#		<cec@gryphon.gsfc.nasa.gov>
swiftnet	1751/tcp	SwiftNet
swiftnet	1751/udp	SwiftNet
#		Terry Lim <tkl@pentek.com>
lofr-lm	1752/tcp	Leap of Faith Research License Manager
lofr-lm	1752/udp	Leap of Faith Research License Manager
#		
translogic-lm	1753/tcp	Translogic License Manager
translogic-lm	1753/udp	Translogic License Manager
#		Stan Dallas <stan@translogic.com>
oracle-em2	1754/tcp	oracle-em2
oracle-em2	1754/udp	oracle-em2
#		Bob Purvy <bpurvy@us.oracle.com>
ms-streaming	1755/tcp	ms-streaming
ms-streaming	1755/udp	ms-streaming
#		Bret O'Rourke
capfast-lmd	1756/tcp	capfast-lmd
capfast-lmd	1756/udp	capfast-lmd
#		Chuck Neal <chuck@phase3.com>
cnhrp	1757/tcp	cnhrp
cnhrp	1757/udp	cnhrp
#		William Stoye <wstoye@atml.co.uk>
tftp-mcast	1758/tcp	tftp-mcast
tftp-mcast	1758/udp	tftp-mcast
#		Tom Emberson <tom@lanworks.com>
spss-lm	1759/tcp	SPSS License Manager
spss-lm	1759/udp	SPSS License Manager
#		Tex Hull <tex@spss.com>
www-ldap-gw	1760/tcp	www-ldap-gw
www-ldap-gw	1760/udp	www-ldap-gw
#		Nick Emery <Nick.Emery@altavista.digital.com>
cft-0	1761/tcp	cft-0
cft-0	1761/udp	cft-0
cft-1	1762/tcp	cft-1
cft-1	1762/udp	cft-1
cft-2	1763/tcp	cft-2
cft-2	1763/udp	cft-2
cft-3	1764/tcp	cft-3
cft-3	1764/udp	cft-3
cft-4	1765/tcp	cft-4
cft-4	1765/udp	cft-4
cft-5	1766/tcp	cft-5
cft-5	1766/udp	cft-5
cft-6	1767/tcp	cft-6
cft-6	1767/udp	cft-6
cft-7	1768/tcp	cft-7
cft-7	1768/udp	cft-7
#		Martine Marchand 16 1 46 59 24 84
bmc-net-adm	1769/tcp	bmc-net-adm
bmc-net-adm	1769/udp	bmc-net-adm
#		Cameron Haight <cameron_haight@bmc.com>
bmc-net-svc	1770/tcp	bmc-net-svc
bmc-net-svc	1770/udp	bmc-net-svc
#		Cameron Haight <cameron_haight@bmc.com>bmc-net-svc
vaultbase	1771/tcp	vaultbase
vaultbase	1771/udp	vaultbase
#		Jose A. Sesin <sesin@vaultbase.com>
essweb-gw	1772/tcp	EssWeb Gateway
essweb-gw	1772/udp	EssWeb Gateway
#		Bob Nattenberg <bnattenberg@arborsoft.com>
kmscontrol	1773/tcp	KMSControl

kmscontrol	1773/udp	KMSControl
#		Roy Chastain <roy@kmsys.com>
global-dtserv	1774/tcp	global-dtserv
global-dtserv	1774/udp	global-dtserv
#		Nicholas Davies <N.Davies@globalcomm.co.uk>
#	1775/tcp	
femis	1776/tcp	Federal Emergency Management Information System
femis	1776/udp	Federal Emergency Management Information System
#		Larry Gerhardstein <lh_gerhardstein@pnl.gov>
powerguardian	1777/tcp	powerguardian
powerguardian	1777/udp	powerguardian
#		Charles Bennett <chuck@benatong.com>
prodigy-intrnet	1778/tcp	prodigy-internet
prodigy-intrnet	1778/udp	prodigy-internet
#		Bob Dedrick <bob@staff.prodigy.com>
pharmasoft	1779/tcp	pharmasoft
pharmasoft	1779/udp	pharmasoft
#		Ola Strandberg <Ola.Strandberg@pharmasoft.se>
dpkeyserv	1780/tcp	dpkeyserv
dpkeyserv	1780/udp	dpkeyserv
#		Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
answersoft-lm	1781/tcp	answersoft-lm
answersoft-lm	1781/udp	answersoft-lm
#		James A. Brewster <jimbrew@answersoft.com>
hp-hcip	1782/tcp	hp-hcip
hp-hcip	1782/udp	hp-hcip
#		Allen Baker <abaker@boi.hp.com>
#	1783	Decomissioned Port 04/14/00, ms
#		<naonao@kikaku.mmp.fujitsu.co.jp>
finle-lm	1784/tcp	Finle License Manager
finle-lm	1784/udp	Finle License Manager
#		Dongling Wang <dongling@finle.com>
windlm	1785/tcp	Wind River Systems License Manager
windlm	1785/udp	Wind River Systems License Manager
#		Will Dere <will@wrs.com>
funk-logger	1786/tcp	funk-logger
funk-logger	1786/udp	funk-logger
funk-license	1787/tcp	funk-license
funk-license	1787/udp	funk-license
#		Cimarron Boozer <cboozer@funk.com>
#		Eric Wilde <eric@funk.com>
psmond	1788/tcp	psmond
psmond	1788/udp	psmond
#		Will Golson <golson@fc.hp.com>
hello	1789/tcp	hello
hello	1789/udp	hello
#		D. J. Bernstein <djb@koobera.math.uic.edu>
nmosp	1790/tcp	Narrative Media Streaming Protocol
nmosp	1790/udp	Narrative Media Streaming Protocol
#		Paul Santinelli, Jr. <psantinelli@narrative.com>
ea1	1791/tcp	EA1
ea1	1791/udp	EA1
#		Kirk MacLean <kmaclean@ea.com>
ibm-dt-2	1792/tcp	ibm-dt-2
ibm-dt-2	1792/udp	ibm-dt-2
#		Sam Borman <sam_borman@uk.ibm.com>
rsc-robot	1793/tcp	rsc-robot
rsc-robot	1793/udp	rsc-robot
#		Andrew Jay Schneider <ajs@relsoft.com>
cera-bcm	1794/tcp	cera-bcm
cera-bcm	1794/udp	cera-bcm
#		Leo Moesgaard <leo_moesgaard@dk.ibm.com>
dpi-proxy	1795/tcp	dpi-proxy
dpi-proxy	1795/udp	dpi-proxy

#		Charles Gordon <cgordon@digprod.com>
vocaltec-admin	1796/tcp	Vocaltec Server Administration
vocaltec-admin	1796/udp	Vocaltec Server Administration
#		Scott Petrack <Scott_Petrack@vocaltec.com>
uma	1797/tcp	UMA
uma	1797/udp	UMA
#		Martin Kirk <m.kirk@opengroup.org>
etp	1798/tcp	Event Transfer Protocol
etp	1798/udp	Event Transfer Protocol
#		Mike Wray <mjw@hplb.hpl.hp.com>
netrisk	1799/tcp	NETRISK
netrisk	1799/udp	NETRISK
#		Kevin Green <Kevin_Green@tds.com>
ansys-lm	1800/tcp	ANSYS-License manager
ansys-lm	1800/udp	ANSYS-License manager
#		Suzanne Lorrin <sml@ansyspo.ansys.com>
msmq	1801/tcp	Microsoft Message Que
msmq	1801/udp	Microsoft Message Que
#		Amnon Horowitz <amnonh@MICROSOFT.com>
concomp1	1802/tcp	ConComp1
concomp1	1802/udp	ConComp1
#		Ed Vincent <@edv@concomp.com>
hp-hcip-gwy	1803/tcp	HP-HCIP-GWY
hp-hcip-gwy	1803/udp	HP-HCIP-GWY
#		Allen Baker <abaker@boi.hp.com>
enl	1804/tcp	ENL
enl	1804/udp	ENL
#		Brian Olson <BOlson@veritas.com>
enl-name	1805/tcp	ENL-Name
enl-name	1805/udp	ENL-Name
#		Brian Olson <BOlson@veritas.com>
musiconline	1806/tcp	Musiconline
musiconline	1806/udp	Musiconline
#		Craig Weeks <cweeks@syspace.co.uk>
fhsp	1807/tcp	Fujitsu Hot Standby Protocol
fhsp	1807/udp	Fujitsu Hot Standby Protocol
#		Eiki Iwata (eiki@end.net.fujitsu.co.jp)
oracle-vp2	1808/tcp	Oracle-VP2
oracle-vp2	1808/udp	Oracle-VP2
#		Craig Fowler <cfowler@us.oracle.com>
oracle-vp1	1809/tcp	Oracle-VP1
oracle-vp1	1809/udp	Oracle-VP1
#		Craig Fowler <cfowler@us.oracle.com>
jerand-lm	1810/tcp	Jerand License Manager
jerand-lm	1810/udp	Jerand License Manager
#		Robert Monat <jerand@jerand.com>
scientia-sdb	1811/tcp	Scientia-SDB
scientia-sdb	1811/udp	Scientia-SDB
#		Ian Miller <Ian_Miller@scientia.com>
radius	1812/tcp	RADIUS
radius	1812/udp	RADIUS
#		Carl Rigney <cdr@livingston.com>
radius-acct	1813/tcp	RADIUS Accounting
radius-acct	1813/udp	RADIUS Accounting
#		Carl Rigney <cdr@livingston.com>
tdp-suite	1814/tcp	TDP Suite
tdp-suite	1814/udp	TDP Suite
#		Rob Lockhart <rob.lockhart@mot.com>
mmpft	1815/tcp	MMPFT
mmpft	1815/udp	MMPFT
#		Ralf Muckenhirn <FAX: 49-7622-398200>
#		<Phone: 49-7622-3980>
harp	1816/tcp	HARP
harp	1816/udp	HARP

#		Bjorn Chambless <bjorn@cs.pdx.edu>
rkb-oscs	1817/tcp	RKB-OSCS
rkb-oscs	1817/udp	RKB-OSCS
#		Robert Kevin Breton <BOBBRETON@HOTMAIL.COM>
etftp	1818/tcp	Enhanced Trivial File Transfer Protocol
etftp	1818/udp	Enhanced Trivial File Transfer Protocol
#		William Polites <wpolites@mitre.org>
plato-lm	1819/tcp	Plato License Manager
plato-lm	1819/udp	Plato License Manager
#		Mark Morris <mim@ermuk.com>
mcagent	1820/tcp	mcagent
mcagent	1820/udp	mcagent
#		Ryoichi Shinohara <shinohara@VNET.IBM.COM>
donnyworld	1821/tcp	donnyworld
donnyworld	1821/udp	donnyworld
#		Don Oliver <don@donnyworld.com>
es-elmd	1822/tcp	es-elmd
es-elmd	1822/udp	es-elmd
#		David Duncan <dduncan@es.com>
unisys-lm	1823/tcp	Unisys Natural Language License Manager
unisys-lm	1823/udp	Unisys Natural Language License Manager
#		Raymond A. Diedrichs <rayd@slu.tr.unisys.com>
metrics-pas	1824/tcp	metrics-pas
metrics-pas	1824/udp	metrics-pas
#		Tom Haapanen <tomh@metrics.com>
direcpc-video	1825/tcp	DirecPC Video
direcpc-video	1825/udp	DirecPC Video
#		Chris Kerrigan <ckerrigan@hns.com>
ardt	1826/tcp	ARDT
ardt	1826/udp	ARDT
#		Mike Goddard <mike.goddard@ardent.com.au>
asi	1827/tcp	ASI
asi	1827/udp	ASI
#		Bob Tournoux <bob.tournoux@usiny.mail.abb.com>
itm-mcell-u	1828/tcp	itm-mcell-u
itm-mcell-u	1828/udp	itm-mcell-u
#		Miles O'Neal <meo@us.itmasters.com>
optika-emedi	1829/tcp	Optika eMedia
optika-emedi	1829/udp	Optika eMedia
#		Daryle DeBalski <ddebalski@optika.com>
net8-cman	1830/tcp	Oracle Net8 CMan Admin
net8-cman	1830/udp	Oracle Net8 CMan Admin
#		Shuvayu Kanjilal
myrtle	1831/tcp	Myrtle
myrtle	1831/udp	Myrtle
#		Ron Achin <RAchin@genscan.com>
tht-treasure	1832/tcp	ThoughtTreasure
tht-treasure	1832/udp	ThoughtTreasure
#		Erik Mueller <erik@signiform.com>
udpradio	1833/tcp	udpradio
udpradio	1833/udp	udpradio
#		Guus Sliepen <guus@warande3094.warande.uu.nl>
ardusuni	1834/tcp	ARDUS Unicast
ardusuni	1834/udp	ARDUS Unicast
ardusmul	1835/tcp	ARDUS Multicast
ardusmul	1835/udp	ARDUS Multicast
#		Toshikatsu Ito <ito-t@pfu.co.jp>
ste-smisc	1836/tcp	ste-smisc
ste-smisc	1836/udp	ste-smisc
#		Tom Snauwaert <tom.snauwaert@st-electronics.be>
csoft1	1837/tcp	csoft1
csoft1	1837/udp	csoft1
#		John Coll <john@csoft.co.uk>
talnet	1838/tcp	TALNET

talnet	1838/udp	TALNET
#		Aaron Lav <aaron@taltrade.com>
netopia-vo1	1839/tcp	netopia-vo1
netopia-vo1	1839/udp	netopia-vo1
netopia-vo2	1840/tcp	netopia-vo2
netopia-vo2	1840/udp	netopia-vo2
netopia-vo3	1841/tcp	netopia-vo3
netopia-vo3	1841/udp	netopia-vo3
netopia-vo4	1842/tcp	netopia-vo4
netopia-vo4	1842/udp	netopia-vo4
netopia-vo5	1843/tcp	netopia-vo5
netopia-vo5	1843/udp	netopia-vo5
#		Marc Epard <marc@netopia.com>
direcpc-dll	1844/tcp	DirecPC-DLL
direcpc-dll	1844/udp	DirecPC-DLL
#		Chris Kerrigan <ckerrigan@hns.com>
altalink	1845/tcp	altalink
altalink	1845/udp	altalink
#		Alberto Raydan <alberto@altasol.com>
tunstall-pnc	1846/tcp	Tunstall PNC
tunstall-pnc	1846/udp	Tunstall PNC
#		Robert M. Moore <r_moore@tunstall.co.uk>
slp-notify	1847/tcp	SLP Notification
slp-notify	1847/udp	SLP Notification
#		James Kempf <james.kempf@sun.com>
fjdocdist	1848/tcp	fjdocdist
fjdocdist	1848/udp	fjdocdist
#		Yuichi Ohiwa <y-ohiwa@ael.fujitsu.co.jp>
alpha-sms	1849/tcp	ALPHA-SMS
alpha-sms	1849/udp	ALPHA-SMS
#		Benjamin Grimm <bg@webnetix.de>
gsi	1850/tcp	GSI
gsi	1850/udp	GSI
#		William Mullaney <mullanwi@usa.net>
ctcd	1851/tcp	ctcd
ctcd	1851/udp	ctcd
#		John Ryan <john@cybertrace.com>
virtual-time	1852/tcp	Virtual Time
virtual-time	1852/udp	Virtual Time
#		Angie S. Morner <webmaster@dsbcpas.com>
vids-avtp	1853/tcp	VIDS-AVTP
vids-avtp	1853/udp	VIDS-AVTP
#		Sascha Kuemmel <kuemmel@vidsoft.de>
buddy-draw	1854/tcp	Buddy Draw
buddy-draw	1854/udp	Buddy Draw
#		Marvin Shin <president@medialingo.com>
fiorano-rtrsvc	1855/tcp	Fiorano RtrSvc
fiorano-rtrsvc	1855/udp	Fiorano RtrSvc
fiorano-msgsvc	1856/tcp	Fiorano MsgSvc
fiorano-msgsvc	1856/udp	Fiorano MsgSvc
#		Albert Holt <alberth@fiorano.com>
datacaptor	1857/tcp	DataCaptor
datacaptor	1857/udp	DataCaptor
#		Steven M. Forrester <StevenF@CapsuleTech.com>
privateark	1858/tcp	PrivateArk
privateark	1858/udp	PrivateArk
#		Ronen Zoran <ronenz@cyber-ark.com>
gammafetchsvr	1859/tcp	Gamma Fetcher Server
gammafetchsvr	1859/udp	Gamma Fetcher Server
#		Cnaan Aviv <cnaan@gammasite.com>
sunscalar-svc	1860/tcp	SunSCALAR Services
sunscalar-svc	1860/udp	SunSCALAR Services
#		Sanjay Radia <srradia@kasumbi.Eng.Sun.COM>
lecroy-vicp	1861/tcp	LeCroy VICP

lecroy-vicp	1861/udp	LeCroy VICP
#		Anthony Cake <anthonyrc@lecroy.com>
techra-server	1862/tcp	techra-server
techra-server	1862/udp	techra-server
#		Roy Lyseng <roy.lyseng@maxware.no>
msnp	1863/tcp	MSNP
msnp	1863/udp	MSNP
#		William Lai <wlai@microsoft.com>
paradym-31port	1864/tcp	Paradym 31 Port
paradym-31port	1864/udp	Paradym 31 Port
#		David Wooden <dwooden@wizdom.com>
entp	1865/tcp	ENTP
entp	1865/udp	ENTP
#		Seiko Epson <Ishida.Hitoshi@exc.epson.co.jp>
swrmi	1866/tcp	swrmi
swrmi	1866/udp	swrmi
#		Jun Yoshii <yoshii@ael.fujitsu.co.jp>
udrive	1867/tcp	UDRIVE
udrive	1867/udp	UDRIVE
#		Robby Walker <webmaster@cd-lab.com>
vizablebrowser	1868/tcp	VizableBrowser
vizablebrowser	1868/udp	VizableBrowser
#		Jimmy Talbot <jtalbot@vizable.com>
yestrader	1869/tcp	YesTrader
yestrader	1869/udp	YesTrader
#		Robert Bryan <bbryan@yestrader.com>
sunscalar-dns	1870/tcp	SunSCALAR DNS Service
sunscalar-dns	1870/udp	SunSCALAR DNS Service
#		Sanjay Radia <srradia@kasumbi.Eng.Sun.COM>
canocentral0	1871/tcp	Cano Central 0
canocentral0	1871/udp	Cano Central 0
canocentral1	1872/tcp	Cano Central 1
canocentral1	1872/udp	Cano Central 1
#		Mark McNamara <markm@research.canon.com.au>
fjmpjps	1873/tcp	Fjmpjps
fjmpjps	1873/udp	Fjmpjps
fjswapsnp	1874/tcp	Fjswapsnp
fjswapsnp	1874/udp	Fjswapsnp
#		Y. Ohiwa <y-ohiwa@ael.fujitsu.co.jp>
westell-stats	1875/tcp	westell stats
westell-stats	1875/udp	westell stats
#		Thomas McCabe <tmcca@westell.com>
ewcappsrv	1876/tcp	ewcappsrv
ewcappsrv	1876/udp	ewcappsrv
#		Howard Yin <howard.yin@ericsson.com>
hp-webqosdb	1877/tcp	hp-webqosdb
hp-webqosdb	1877/udp	hp-webqosdb
#		Kim Scott <kims@cup.hp.com>
drmsmc	1878/tcp	drmsmc
drmsmc	1878/udp	drmsmc
#		Katsuhiko Abe <kabe@hst.fujitsu.co.jp>
nettgain-nms	1879/tcp	NettGain NMS
nettgain-nms	1879/udp	NettGain NMS
#		Dr. Yair Shapira <yair@flashnetworks.com>
vsat-control	1880/tcp	Gilat VSAT Control
vsat-control	1880/udp	Gilat VSAT Control
#		Yariv Kaplan <yarivk@gilat.com>
ibm-mqseries2	1881/tcp	IBM MQSeries
ibm-mqseries2	1881/udp	IBM MQSeries
#		Steve Hall <steve_hall@uk.ibm.com>
ecsqdmn	1882/tcp	ecsqdmn
ecsqdmn	1882/udp	ecsqdmn
#		Paul Wissmiller <Paul.Wissmiller@ca.com>
ibm-mqisdpc	1883/tcp	IBM MQSeries SCADA

ibm-mqisdsp	1883/udp	IBM MQSeries SCADA
#		Andy Stanford-Clark <andysc@uk.ibm.com>
idmaps	1884/tcp	Internet Distance Map Svc
idmaps	1884/udp	Internet Distance Map Svc
#		Sugih Jamim <jamin@eecs.umich.edu>
vertstrapserver	1885/tcp	Veritas Trap Server
vertstrapserver	1885/udp	Veritas Trap Server
#		Russell Thrasher <rthrashe@veritas.com>
leoip	1886/tcp	Leonardo over IP
leoip	1886/udp	Leonardo over IP
#		Dietmar Finkler <d.finkler@hermstedt.de>
filex-lport	1887/tcp	FileX Listening Port
filex-lport	1887/udp	FileX Listening Port
#		Megan Woods <meganwoods@datafast.net.au>
ncconfig	1888/tcp	NC Config Port
ncconfig	1888/udp	NC Config Port
#		Simon Parker <simon.j.parker@philips.com>
unify-adapter	1889/tcp	Unify Web Adapter Service
unify-adapter	1889/udp	Unify Web Adapter Service
#		Duane Gibson <duane@unify.com>
wilkenlistener	1890/tcp	wilkenListener
wilkenlistener	1890/udp	wilkenListener
#		Wilken GmbH <fy@wilken.de>
childkey-notif	1891/tcp	ChildKey Notification
childkey-notif	1891/udp	ChildKey Notification
childkey-ctrl	1892/tcp	ChildKey Control
childkey-ctrl	1892/udp	ChildKey Control
#		Ivan Berardinelli <ivan@gestweb.com>
elad	1893/tcp	ELAD Protocol
elad	1893/udp	ELAD Protocol
#		Franco Milan <franco@eladit.com>
o2server-port	1894/tcp	O2Server Port
o2server-port	1894/udp	O2Server Port
#		Tim Howard <timothygh@hotmail.com>
##### Microsoft (unofficially) using 1895 #####		
b-novative-ls	1896/tcp	b-novative license server
b-novative-ls	1896/udp	b-novative license server
#		Matthias Riese <Matthias.Riese@b-novative.de>
metaagent	1897/tcp	MetaAgent
metaagent	1897/udp	MetaAgent
#		Stephane Vinsot <vinsot@enatel.com>
cymtec-port	1898/tcp	Cymtec secure management
cymtec-port	1898/udp	Cymtec secure management
#		Michael Mester <mmester@cymtec.com>
mc2studios	1899/tcp	MC2Studios
mc2studios	1899/udp	MC2Studios
#		Michael Coon <michael@thecube.com>
ssdp	1900/tcp	SSDP
ssdp	1900/udp	SSDP
#		Yaron Goland <yarong@microsoft.com>
fjicl-tep-a	1901/tcp	Fujitsu ICL Terminal Emulator Program A
fjicl-tep-a	1901/udp	Fujitsu ICL Terminal Emulator Program A
#		Bob Lyon <bl@oasis.icl.co.uk>
fjicl-tep-b	1902/tcp	Fujitsu ICL Terminal Emulator Program B
fjicl-tep-b	1902/udp	Fujitsu ICL Terminal Emulator Program B
#		Bob Lyon <bl@oasis.icl.co.uk>
linkname	1903/tcp	Local Link Name Resolution
linkname	1903/udp	Local Link Name Resolution
#		Dan Harrington <dth@lucent.com>
fjicl-tep-c	1904/tcp	Fujitsu ICL Terminal Emulator Program C
fjicl-tep-c	1904/udp	Fujitsu ICL Terminal Emulator Program C
#		Bob Lyon <bl@oasis.icl.co.uk>
sugp	1905/tcp	Secure UP.Link Gateway Protocol
sugp	1905/udp	Secure UP.Link Gateway Protocol

#		Peter King <king@uplanet.com>
tpmd	1906/tcp	TPortMapperReq
tpmd	1906/udp	TPortMapperReq
#		Sheila Devins <sheila_devins@VNET.IBM.COM>
intrastar	1907/tcp	IntraSTAR
intrastar	1907/udp	IntraSTAR
#		Peter Schoenberger <ps@teles.de>
dawn	1908/tcp	Dawn
dawn	1908/udp	Dawn
#		Michael Crawford <michaelc@travsoft.com>
global-wlink	1909/tcp	Global World Link
global-wlink	1909/udp	Global World Link
#		Nicholas Davies <N.Davies@globalcomm.co.uk>
ultrabac	1910/tcp	ultrabac
ultrabac	1910/udp	ultrabac
#		Michael Gee <mikegee@cnw.com>
mtp	1911/tcp	Starlight Networks Multimedia Transport Protocol
mtp	1911/udp	Starlight Networks Multimedia Transport Protocol
#		Bruce Lieberman <brucel@iserver.starlight.com>
rhp-iibp	1912/tcp	rhp-iibp
rhp-iibp	1912/udp	rhp-iibp
#		George Nachman
#		Tom Lake <tlake@m-ware.com>
armadp	1913/tcp	armadp
armadp	1913/udp	armadp
#		Kevin Welton <Kevin.Welton@armltd.co.uk>
elm-momentum	1914/tcp	Elm-Momentum
elm-momentum	1914/udp	Elm-Momentum
#		Willie Wu <willie@mds.com>
facelink	1915/tcp	FACELINK
facelink	1915/udp	FACELINK
#		J.H. Hermans <j.h.hermans@hiscom.nl>
persona	1916/tcp	Persoft Persona
persona	1916/udp	Persoft Persona
#		Tom Spidell <spidell@persoft.com>
noagent	1917/tcp	nOAgent
noagent	1917/udp	nOAgent
#		Martin Bestmann <martin@datawatch.de>
can-nds	1918/tcp	Candle Directory Service - NDS
can-nds	1918/udp	Candle Directory Service - NDS
can-dch	1919/tcp	Candle Directory Service - DCH
can-dch	1919/udp	Candle Directory Service - DCH
can-ferret	1920/tcp	Candle Directory Service - FERRET
can-ferret	1920/udp	Candle Directory Service - FERRET
#		Dannis Yang <Dannis_Yang@candle.com>
noadmin	1921/tcp	NoAdmin
noadmin	1921/udp	NoAdmin
#		Martin Bestmann <martin@datawatch.de>
tapestry	1922/tcp	Tapestry
tapestry	1922/udp	Tapestry
#		Ken Oliver <koliver@anritsu.com>
spice	1923/tcp	SPICE
spice	1923/udp	SPICE
#		Nicholas Chua <nick@sendit.se>
xiip	1924/tcp	XIIP
xiip	1924/udp	XIIP
#		Alain Robert <Alain.Robert@HMRinc.com>
discovery-port	1925/tcp	Surrogate Discovery Port
discovery-port	1925/udp	Surrogate Discovery Port
#		Keith Thompson <keith.thompson@sun.com>
egs	1926/tcp	Evolution Game Server
egs	1926/udp	Evolution Game Server
#		Simon Butcher <simonb@alien.net.au>
videte-cipc	1927/tcp	Videte CIPC Port

videte-cipc	1927/udp	Videte CIPC Port
#		Videte IT <info@videte.com>
emsd-port	1928/tcp	Expnd Maui Srvr Dscovr
emsd-port	1928/udp	Expnd Maui Srvr Dscovr
#		Edo Yahav <standards@expand.com>
bandwiz-system	1929/tcp	Bandwiz System - Server
bandwiz-system	1929/udp	Bandwiz System - Server
#		Joseph Weihs <yossi@bandwiz.com>
driveappserver	1930/tcp	Drive AppServer
driveappserver	1930/udp	Drive AppServer
#		Andrew Johnson
#		<andrew.johnson@bliss-support.demon.co.uk>
amdsched	1931/tcp	AMD SCHED
amdsched	1931/udp	AMD SCHED
#		Michael Walsh <mww@warwick.net>
ctt-broker	1932/tcp	CTT Broker
ctt-broker	1932/udp	CTT Broker
#		Jens Edlund <edlund@speech.kth.se>
xmapi	1933/tcp	IBM LM MT Agent
xmapi	1933/udp	IBM LM MT Agent
xaapi	1934/tcp	IBM LM Appl Agent
xaapi	1934/udp	IBM LM Appl Agent
#		Helga Wolin <hwolin@us.ibm.com>
tincan	1935/tcp	TinCan
tincan	1935/udp	TinCan
#		Pritham Shetty <pritham@macromedia.com>
jetcmeserver	1936/tcp	JetCmeServer Server Port
jetcmeserver	1936/udp	JetCmeServer Server Port
jwserver	1937/tcp	JetVWay Server Port
jwserver	1937/udp	JetVWay Server Port
jwclient	1938/tcp	JetVWay Client Port
jwclient	1938/udp	JetVWay Client Port
jvserver	1939/tcp	JetVision Server Port
jvserver	1939/udp	JetVision Server Port
jvclient	1940/tcp	JetVision Client Port
jvclient	1940/udp	JetVision Client Port
#		Stephen Tsun <stsun@jetstream.com>
dic-aida	1941/tcp	DIC-Aida
dic-aida	1941/udp	DIC-Aida
#		Frans S.C. Witte <fscwitte@dicgroep.nl>
res	1942/tcp	Real Enterprise Service
res	1942/udp	Real Enterprise Service
#		Bob Janssen <bob@res.nl>
beeyond-media	1943/tcp	Beeyond Media
beeyond-media	1943/udp	Beeyond Media
#		Bob Deblrier <bob@virtualunlimited.com>
close-combat	1944/tcp	close-combat
close-combat	1944/udp	close-combat
#		David Hua <davhua@microsoft.com>
dialogic-elmd	1945/tcp	dialogic-elmd
dialogic-elmd	1945/udp	dialogic-elmd
#		Roger Kay <r.kay@nz.dialogic.com>
tekpls	1946/tcp	tekpls
tekpls	1946/udp	tekpls
#		Brian Abramson <brianab@vnd.tek.com>
hlserver	1947/tcp	hlserver
hlserver	1947/udp	hlserver
#		Michael Zzunke <mzunke@fast-ag.de>
eye2eye	1948/tcp	eye2eye
eye2eye	1948/udp	eye2eye
#		Trevor Bell <Trevor@iguana.iosoftware.com>
ismaeasdaqlive	1949/tcp	ISMA Easdaq Live
ismaeasdaqlive	1949/udp	ISMA Easdaq Live
ismaeasdaqtest	1950/tcp	ISMA Easdaq Test

ismaeasdaqtest	1950/udp	ISMA Easdaq Test
#		Stephen Dunne <sdun@isma.co.uk>
bcs-lmserver	1951/tcp	bcs-lmserver
bcs-lmserver	1951/udp	bcs-lmserver
#		Andy Warner <andyw@knoware.nl>
mpnjsc	1952/tcp	mpnjsc
mpnjsc	1952/udp	mpnjsc
#		Takenori Miyahara <miyahara@pfu.co.jp>
rapidbase	1953/tcp	Rapid Base
rapidbase	1953/udp	Rapid Base
#		Antoni Wolski <antoni.wolski@vtt.fi>
abr-basic	1954/tcp	ABR-Basic Data
abr-basic	1954/udp	ABR-Basic Data
abr-secure	1955/tcp	ABR-Secure Data
abr-secure	1955/udp	ABR-Secure Data
#		Aero9 - Graham Wooden <graham@aero9.com>
vrtl-vmf-ds	1956/tcp	Vertel VMF DS
vrtl-vmf-ds	1956/udp	Vertel VMF DS
#		Alan Akahoshi <alan-akahoshi@vertel.com>
unix-status	1957/tcp	unix-status
unix-status	1957/udp	unix-status
#		Thomas Erskine <erskine@sourceworks.com>
dxadmind	1958/tcp	CA Administration Daemon
dxadmind	1958/udp	CA Administration Daemon
#		John Birrell <birjo99@cai.com>
simp-all	1959/tcp	SIMP Channel
simp-all	1959/udp	SIMP Channel
#		Tim Hunnewell <thunnewell@pinna.com>
nasmanager	1960/tcp	Merit DAC NASmanager
nasmanager	1960/udp	Merit DAC NASmanager
#		Richard S. Conto <rsc@merit.edu>
bts-appserver	1961/tcp	BTS APPSERVER
bts-appserver	1961/udp	BTS APPSERVER
#		Carl Obsorn <carl_osborn@sabre.com>
biap-mp	1962/tcp	BIAP-MP
biap-mp	1962/udp	BIAP-MP
#		Chuck Shotton <cshotton@biap.com>
webmachine	1963/tcp	WebMachine
webmachine	1963/udp	WebMachine
#		Tim Jowers <Tim.Jowers@ColumbiaSC.NCR.com>
solid-e-engine	1964/tcp	SOLID E ENGINE
solid-e-engine	1964/udp	SOLID E ENGINE
#		Ari Valtanen <ari.valtanen@solidtech.com>
tivoli-npm	1965/tcp	Tivoli NPM
tivoli-npm	1965/udp	Tivoli NPM
#		Ivana Cuozzo <Ivana.Cuozzo@tivoli.com>
slush	1966/tcp	Slush
slush	1966/udp	Slush
#		Damien Miller <damien@ibs.com.au>
sns-quote	1967/tcp	SNS Quote
sns-quote	1967/udp	SNS Quote
#		Robert Ellman <rellman@calicotech.com>
lipsinc	1968/tcp	LIPSinc
lipsinc	1968/udp	LIPSinc
lipsincl	1969/tcp	LIPSinc 1
lipsincl	1969/udp	LIPSinc 1
#		Robert Armington <rarmington@lipsinc.com>
netop-rc	1970/tcp	NetOp Remote Control
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

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# Mark Hanson <markh@intersys.com>
dlsrap      1973/tcp  Data Link Switching Remote Access Protocol
dlsrap      1973/udp  Data Link Switching Remote Access Protocol
# Steve T. Chiang <schiang@cisco.com>
drp         1974/tcp  DRP
drp         1974/udp  DRP
# Richard Alan Johnson <raj@cisco.com>
tcoflashagent 1975/tcp  TCO Flash Agent
tcoflashagent 1975/udp  TCO Flash Agent
tcoregagent  1976/tcp  TCO Reg Agent
tcoregagent  1976/udp  TCO Reg Agent
tcoaddressbook 1977/tcp  TCO Address Book
tcoaddressbook 1977/udp  TCO Address Book
# Allan Panitch <allanp@tcosoft.com>
unisql      1978/tcp  UniSQL
unisql      1978/udp  UniSQL
unisql-java 1979/tcp  UniSQL Java
unisql-java 1979/udp  UniSQL Java
# Keith Yarbrough <kyarbro@windtraveller.com>
pearldoc-xact 1980/tcp  PearlDoc XACT
pearldoc-xact 1980/udp  PearlDoc XACT
# Chris Vertonghen <chrisv@pearldoc.com>
p2pq        1981/tcp  p2pQ
p2pq        1981/udp  p2pQ
# Warren Alexander <warren@chameleon-creative.co.uk>
estamp      1982/tcp  Evidentiary Timestamp
estamp      1982/udp  Evidentiary Timestamp
# Todd Glassey <todd.glassey@att.net>
lhtp        1983/tcp  Loophole Test Protocol
lhtp        1983/udp  Loophole Test Protocol
# Kade Hansson <kade_fh@postoffice.utas.edu.au>
bb          1984/tcp  BB
bb          1984/udp  BB
# Sean MacGuire <sean@maclawran.ca>
hsrp        1985/tcp  Hot Standby Router Protocol
hsrp        1985/udp  Hot Standby Router Protocol
# Phil Morton <pmorton@cisco.com>
licensedaemon 1986/tcp  cisco license management
licensedaemon 1986/udp  cisco license management
tr-rsrp-p1   1987/tcp  cisco RSRB Priority 1 port
tr-rsrp-p1   1987/udp  cisco RSRB Priority 1 port
tr-rsrp-p2   1988/tcp  cisco RSRB Priority 2 port
tr-rsrp-p2   1988/udp  cisco RSRB Priority 2 port
tr-rsrp-p3   1989/tcp  cisco RSRB Priority 3 port
tr-rsrp-p3   1989/udp  cisco RSRB Priority 3 port
# The following entry records an unassigned but widespread use
mshnet      1989/tcp  MHSnet system
mshnet      1989/udp  MHSnet system
# Bob Kummerfeld <bob@sarad.cs.su.oz.au>
stun-p1     1990/tcp  cisco STUN Priority 1 port
stun-p1     1990/udp  cisco STUN Priority 1 port
stun-p2     1991/tcp  cisco STUN Priority 2 port
stun-p2     1991/udp  cisco STUN Priority 2 port
stun-p3     1992/tcp  cisco STUN Priority 3 port
stun-p3     1992/udp  cisco STUN Priority 3 port
# The following entry records an unassigned but widespread use
ipsendmsg   1992/tcp  IPsendmsg
ipsendmsg   1992/udp  IPsendmsg
# Bob Kummerfeld <bob@sarad.cs.su.oz.au>
snmp-tcp-port 1993/tcp  cisco SNMP TCP port
snmp-tcp-port 1993/udp  cisco SNMP TCP port
stun-port    1994/tcp  cisco serial tunnel port
stun-port    1994/udp  cisco serial tunnel port
perf-port    1995/tcp  cisco perf port

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perf-port	1995/udp	cisco perf port
tr-rsrb-port	1996/tcp	cisco Remote SRB port
tr-rsrb-port	1996/udp	cisco Remote SRB port
gdp-port	1997/tcp	cisco Gateway Discovery Protocol
gdp-port	1997/udp	cisco Gateway Discovery Protocol
x25-svc-port	1998/tcp	cisco X.25 service (XOT)
x25-svc-port	1998/udp	cisco X.25 service (XOT)
tcp-id-port	1999/tcp	cisco identification port
tcp-id-port	1999/udp	cisco identification port
callbook	2000/tcp	
callbook	2000/udp	
dc	2001/tcp	
wizard	2001/udp	curry
globe	2002/tcp	
globe	2002/udp	
mailbox	2004/tcp	
emce	2004/udp	CCWS mm conf
berknet	2005/tcp	
oracle	2005/udp	
invokator	2006/tcp	
raid-cc	2006/udp	raid
dectalk	2007/tcp	
raid-am	2007/udp	
conf	2008/tcp	
terminaldb	2008/udp	
news	2009/tcp	
whosockami	2009/udp	
search	2010/tcp	
pipe_server	2010/udp	
raid-cc	2011/tcp	raid
servserv	2011/udp	
ttyinfo	2012/tcp	
raid-ac	2012/udp	
raid-am	2013/tcp	
raid-cd	2013/udp	
troff	2014/tcp	
raid-sf	2014/udp	
cypress	2015/tcp	
raid-cs	2015/udp	
bootserver	2016/tcp	
bootserver	2016/udp	
cypress-stat	2017/tcp	
bootclient	2017/udp	
terminaldb	2018/tcp	
rellpack	2018/udp	
whosockami	2019/tcp	
about	2019/udp	
xinupageserver	2020/tcp	
xinupageserver	2020/udp	
servexec	2021/tcp	
xinuexpansion1	2021/udp	
down	2022/tcp	
xinuexpansion2	2022/udp	
xinuexpansion3	2023/tcp	
xinuexpansion3	2023/udp	
xinuexpansion4	2024/tcp	
xinuexpansion4	2024/udp	
ellpack	2025/tcp	
xribs	2025/udp	
scrabble	2026/tcp	
scrabble	2026/udp	
shadowserver	2027/tcp	
shadowserver	2027/udp	
submitserver	2028/tcp	

submitserver	2028/udp	
#	2029	Unassigned
device2	2030/tcp	
device2	2030/udp	
#	2031	Unassigned
blackboard	2032/tcp	
blackboard	2032/udp	
glogger	2033/tcp	
glogger	2033/udp	
scoremgr	2034/tcp	
scoremgr	2034/udp	
imsldoc	2035/tcp	
imsldoc	2035/udp	
#	2036	Unassigned
p2plus	2037/tcp	P2plus Application Server
p2plus	2037/udp	P2plus Application Server
#		Thomas Boerkel <tb@ap-ag.com>
objectmanager	2038/tcp	
objectmanager	2038/udp	
#	2039	Unassigned
lam	2040/tcp	
lam	2040/udp	
interbase	2041/tcp	
interbase	2041/udp	
isis	2042/tcp	isis
isis	2042/udp	isis
isis-bcast	2043/tcp	isis-bcast
isis-bcast	2043/udp	isis-bcast
#		Ken Chapman <kchapman@isis.com>
rims1	2044/tcp	
rims1	2044/udp	
cdfunc	2045/tcp	
cdfunc	2045/udp	
sdfunc	2046/tcp	
sdfunc	2046/udp	
dls	2047/tcp	
dls	2047/udp	
dls-monitor	2048/tcp	
dls-monitor	2048/udp	
#		<== NOTE Conflict on 2049 !
shilp	2049/tcp	
shilp	2049/udp	
nfs	2049/tcp	Network File System - Sun Microsystems
nfs	2049/udp	Network File System - Sun Microsystems
#		Brent Callaghan <brent@terra.eng.sun.com>
av-emb-config	2050/tcp	Avaya EMB Config Port
av-emb-config	2050/udp	Avaya EMB Config Port
#		John Yeager <johnyeager@avaya.com>
epnsdp	2051/tcp	EPNSDP
epnsdp	2051/udp	EPNSDP
#		Hiroyasu Ogata <Ogata.Hiroyasu@exc.epson.co.jp>
clearvisn	2052/tcp	clearVisn Services Port
clearvisn	2052/udp	clearVisn Services Port
#		Dave Lyons <dlyons@dnpg.com>
lot105-ds-upd	2053/tcp	Lot105 DSuper Updates
lot105-ds-upd	2053/udp	Lot105 DSuper Updates
#		Piers Scannell <iana-form@lot105.com>
weblogin	2054/tcp	Weblogin Port
weblogin	2054/udp	Weblogin Port
#		Diego Saravia <dsa@unsa.edu.ar>
iop	2055/tcp	Iliad-Odyssey Protocol
iop	2055/udp	Iliad-Odyssey Protocol
#		Bruce Lueckenhoff <brucelu@cisco.com>
omnisky	2056/tcp	OmniSky Port

omnisky	2056/udp	OmniSky Port
#		Oren Hurvitz <oren@omnisky.com>
rich-cp	2057/tcp	Rich Content Protocol
rich-cp	2057/udp	Rich Content Protocol
#		Ronen Vainish <ronen@digitalfountain.com>
newwavesearch	2058/tcp	NewWaveSearchables RMI
newwavesearch	2058/udp	NewWaveSearchables RMI
#		Thomas Kerkau <Thomas.Kerkau@io-software.com>
bmc-messaging	2059/tcp	BMC Messaging Service
bmc-messaging	2059/udp	BMC Messaging Service
#		Roger Huebner <Roger_Huebner@bmc.com>
teleniumdaemon	2060/tcp	Telenium Daemon IF
teleniumdaemon	2060/udp	Telenium Daemon IF
#		Nick Woronuk <nick.woronuk@megasys.com>
netmount	2061/tcp	NetMount
netmount	2061/udp	NetMount
#		Alex Oberlander <alexo@netmount.com>
icg-swp	2062/tcp	ICG SWP Port
icg-swp	2062/udp	ICG SWP Port
icg-bridge	2063/tcp	ICG Bridge Port
icg-bridge	2063/udp	ICG Bridge Port
icg-iprelay	2064/tcp	ICG IP Relay Port
icg-iprelay	2064/udp	ICG IP Relay Port
#		Steve Quintana <steve@icgresearch.com>
dlsrcpn	2065/tcp	Data Link Switch Read Port Number
dlsrcpn	2065/udp	Data Link Switch Read Port Number
#		Amir Peless <amirp@radware.co.il>
#	2066	Unassigned
dlswpn	2067/tcp	Data Link Switch Write Port Number
dlswpn	2067/udp	Data Link Switch Write Port Number
#		Amir Peless <amirp@radware.co.il>
avauthsrvprtcl	2068/tcp	Avocent AuthSrv Protocol
avauthsrvprtcl	2068/udp	Avocent AuthSrv Protocol
#		Steven W. Clark <sclark@equinox.com>
event-port	2069/tcp	HTTP Event Port
event-port	2069/udp	HTTP Event Port
#		Larry Emlich <larry.emlich@compaq.com>
ah-esp-encap	2070/tcp	AH and ESP Encapsulated in UDP packet
ah-esp-encap	2070/udp	AH and ESP Encapsulated in UDP packet
#		Amy Weaver <aweaver@vpnet.com>
acp-port	2071/tcp	Axon Control Protocol
acp-port	2071/udp	Axon Control Protocol
#		Christiaan Simons <christiaan.simons@axon.nl>
msync	2072/tcp	GlobeCast mSync
msync	2072/udp	GlobeCast mSync
#		Piers Scannell <piers@globecastne.com>
gxs-data-port	2073/tcp	DataReel Database Socket
gxs-data-port	2073/udp	DataReel Database Socket
#		Douglas M. Gaer <doug@datareel.com>
vrtl-vmf-sa	2074/tcp	Vertel VMF SA
vrtl-vmf-sa	2074/udp	Vertel VMF SA
#		Alan Akahoshi <alan-akahoshi@vertel.com>
newlixengine	2075/tcp	Newlix ServerWare Engine
newlixengine	2075/udp	Newlix ServerWare Engine
newlixconfig	2076/tcp	Newlix JSPConfig
newlixconfig	2076/udp	Newlix JSPConfig
#		Jean-Serge Gagnon <jean-serge.gagnon@newlix.com>
trellisagt	2077/tcp	TrelliSoft Agent
trellisagt	2077/udp	TrelliSoft Agent
trellissvr	2078/tcp	TrelliSoft Server
trellissvr	2078/udp	TrelliSoft Server
#		Justin R. Bendich <bendich@TrelliSoft.com>
idware-router	2079/tcp	IDWARE Router Port
idware-router	2079/udp	IDWARE Router Port

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#                               Zdenek Kolba <zdenek.kolba@id-karta.cz>
autodesk-nlm 2080/tcp Autodesk NLM (FLEXlm)
autodesk-nlm 2080/udp Autodesk NLM (FLEXlm)
#                               Greg Suppes <greg.supes@autodesk.com>
kme-trap-port 2081/tcp KME PRINTER TRAP PORT
kme-trap-port 2081/udp KME PRINTER TRAP PORT
#                               Masakatsu Matsuo <masa@sdsft.kme.mei.co.jp>
infowave      2082/tcp Infowave Mobility Server
infowave      2082/udp Infowave Mobiltiy Server
#                               Kaz Kylheku <kkylheku@infowave.com>
#                               2083-2086 Unassigned
eli           2087/tcp ELI - Event Logging Integration
eli           2087/udp ELI - Event Logging Integration
#                               Maya Zimmerman <mayaz@radware.co.il>
#                               2088 Unassigned
sep           2089/tcp Security Encapsulation Protocol - SEP
sep           2089/udp Security Encapsulation Protocol - SEP
#                               Maya Zimmerman <mayaz@radware.co.il>
lrp           2090/tcp Load Report Protocol
lrp           2090/udp Load Report Protocol
#                               Amir Peless <amirp@radware.co.il>
prp           2091/tcp PRP
prp           2091/udp PRP
#                               Amir Peless <amirp@radware.co.il>
descent3     2092/tcp Descent 3
descent3     2092/udp Descent 3
#                               Kevin Bentley <Kevin@outrage.com>
nbx-cc       2093/tcp NBX CC
nbx-cc       2093/udp NBX CC
nbx-au       2094/tcp NBX AU
nbx-au       2094/udp NBX AU
nbx-ser      2095/tcp NBX SER
nbx-ser      2095/udp NBX SER
nbx-dir      2096/tcp NBX DIR
nbx-dir      2096/udp NBX DIR
#                               Henry Houh <hhouh@nbxcorp.com>
jetformpreview 2097/tcp Jet Form Preview
jetformpreview 2097/udp Jet Form Preview
#                               Zygmunt Wiercioch <zyg@jetform.com>
dialog-port  2098/tcp Dialog Port
dialog-port  2098/udp Dialog Port
#                               Joseph Mathew <mjoseph@dosa.cisco.com>
h2250-annex-g 2099/tcp H.225.0 Annex G
h2250-annex-g 2099/udp H.225.0 Annex G
#                               Gur Kimchi <gur.kimchi@vocaltec.com>
amiganetfs   2100/tcp amiganetfs
amiganetfs   2100/udp amiganetfs
#                               Rudi Chiarito <chiarito@cli.di.unipi.it>
rtcm-scl04   2101/tcp rtcm-scl04
rtcm-scl04   2101/udp rtcm-scl04
#                               Wolfgang Rupperecht <wolfgang@wsrcc.com>
zephyr-srv   2102/tcp Zephyr server
zephyr-srv   2102/udp Zephyr server
zephyr-clt   2103/tcp Zephyr serv-hm connection
zephyr-clt   2103/udp Zephyr serv-hm connection
zephyr-hm    2104/tcp Zephyr hostmanager
zephyr-hm    2104/udp Zephyr hostmanager
#                               Greg Hudson <zephyr-bugs@mit.edu>
minipay      2105/tcp MiniPay
minipay      2105/udp MiniPay
#                               Amir Herzberg <amirh@vnet.ibm.com>
mzap         2106/tcp MZAP
mzap         2106/udp MZAP
#                               Dave Thaler <dthaler@microsoft.com>

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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>
newheights	2114/tcp	NEWHEIGHTS
newheights	2114/udp	NEWHEIGHTS
#		Michael Levy <ml@nh.ca>
kdm	2115/tcp	KDM
kdm	2115/udp	KDM
#		Mike Little <mike.little@gd-cs.com>
ccowcmr	2116/tcp	CCOWCMR
ccowcmr	2116/udp	CCOWCMR
#		Mark Morwood <markm@sentillion.com>
mentaclient	2117/tcp	MENTACLIENT
mentaclient	2117/udp	MENTACLIENT
mentaserver	2118/tcp	MENTASERVER
mentaserver	2118/udp	MENTASERVER
#		Ilan Shlosberg <ilan@mentasoftware.com>
gsigatekeeper	2119/tcp	GSIGATEKEEPER
gsigatekeeper	2119/udp	GSIGATEKEEPER
#		Steve Tuecke <tuecke@mcs.anl.gov>
qencp	2120/tcp	Quick Eagle Networks CP
qencp	2120/udp	Quick Eagle Networks CP
#		Santa Dasu <Santa_Dasu@quickeagle.com>
scientia-ssdb	2121/tcp	SCIENTIA-SSDB
scientia-ssdb	2121/udp	SCIENTIA-SSDB
#		Ian Miller <Ian_Miller@scientia.com>
caupc-remote	2122/tcp	CauPC Remote Control
caupc-remote	2122/udp	CauPC Remote Control
#		Environics Oy <pasi.nuutinmaki@environics.fi>
gtp-control	2123/tcp	GTP-Control Plane (3GPP)
gtp-control	2123/udp	GTP-Control Plane (3GPP)
#		Alessio Casati <a.casati@computer.org>
elatelink	2124/tcp	ELATELINK
elatelink	2124/udp	ELATELINK
#		Tim Lawrence <lawrence@tao-group.com>
lockstep	2125/tcp	LOCKSTEP
lockstep	2125/udp	LOCKSTEP
#		Karl Forster <kforster@lockstep.com>
pktcable-cops	2126/tcp	PktCable-COPS
pktcable-cops	2126/udp	PktCable-COPS
#		Glenn Russell <grussell@cablelabs.com>
index-pc-wb	2127/tcp	INDEX-PC-WB
index-pc-wb	2127/udp	INDEX-PC-WB
#		James David Fisher <jfisher1@avaya.com>
net-steward	2128/tcp	Net Steward Control
net-steward	2128/udp	Net Steward Control

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#                               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>
appworxsrv                     2136/tcp    APPWORXSRV
appworxsrv                     2136/udp    APPWORXSRV
#                               Fred McLain <fmclain@appworx.com>
connect                         2137/tcp    CONNECT
connect                         2137/udp    CONNECT
#                               Reid Ligon <reid@connectrf.com>
unbind-cluster                 2138/tcp    UNBIND-CLUSTER
unbind-cluster                 2138/udp    UNBIND-CLUSTER
#                               Francois Harvey <securiweb@pandore.qc.ca>
ias-auth                       2139/tcp    IAS-AUTH
ias-auth                       2139/udp    IAS-AUTH
ias-reg                         2140/tcp    IAS-REG
ias-reg                         2140/udp    IAS-REG
ias-admind                     2141/tcp    IAS-ADMIND
ias-admind                     2141/udp    IAS-ADMIND
#                               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
#                               Hali Lindbloom <halil@docent.com>

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gtp-user	2152/tcp	GTP-User Plane (3GPP)
gtp-user	2152/udp	GTP-User Plane (3GPP)
#		Alessio Casati <a.casati@computer.org>
#	2153-2158	Unassigned
gdbremote	2159/tcp	GDB Remote Debug Port
gdbremote	2159/udp	GDB Remote Debug Port
#		Nigel Stephens <nigel@algor.co.uk>
apc-cms	2160/tcp	APC Central Mgmt Server
apc-cms	2160/udp	APC Central Mgmt Server
#		Chris Kuiawa <ckuiawa@apcc.com>
apc-agent	2161/tcp	APC Agent
apc-agent	2161/udp	APC Agent
#		Todd Giaquinto <tgiaquin@apcc.com>
navisphere	2162/tcp	Navisphere
navisphere	2162/udp	Navisphere
navisphere-sec	2163/tcp	Navisphere Secure
navisphere-sec	2163/udp	Navisphere Secure
#		Andreas Bauer <bauer_andreas@emc.com>
ddns-v3	2164/tcp	Dynamic DNS Version 3
ddns-v3	2164/udp	Dynamic DNS Version 3
#		Alan Yates <alany@ay.com.au>
x-bone-api	2165/tcp	X-Bone API
x-bone-api	2165/udp	X-Bone API
#		Joe Touch <touch@isi.edu>
iwserver	2166/tcp	iwserver
iwserver	2166/udp	iwserver
#		Fred Surr <quest_iana@oz.quest.com>
raw-serial	2167/tcp	Raw Async Serial Link
raw-serial	2167/udp	Raw Async Serial Link
#		Benjamin Green <benjamin@lh.co.nz>
#	2168-2179	Unassigned
mc-gt-srv	2180/tcp	Millicent Vendor Gateway Server
mc-gt-srv	2180/udp	Millicent Vendor Gateway Server
#		Steve Glassman <steveg@pa.dec.com>
eforward	2181/tcp	eforward
eforward	2181/udp	eforward
#		Greg Pringle <greg@corvedia.com>
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
#		
imtc-map	2202/tcp	Int. Multimedia Teleconferencing Cosortium
imtc-map	2202/udp	Int. Multimedia Teleconferencing Cosortium
#		Pat Galvin <pgalvin@databeam.com>
kali	2213/tcp	Kali
kali	2213/udp	Kali
#		Jay Cotton <JAY@calc.vet.uga.edu>
netiq	2220/tcp	NetIQ End2End
netiq	2220/udp	NetIQ End2End
#		Gary Weichinger <gary.weichinger@netiq.com>
rockwell-csp1	2221/tcp	Rockwell CSP1
rockwell-csp1	2221/udp	Rockwell CSP1
rockwell-csp2	2222/tcp	Rockwell CSP2
rockwell-csp2	2222/udp	Rockwell CSP2
rockwell-csp3	2223/tcp	Rockwell CSP3
rockwell-csp3	2223/udp	Rockwell CSP3
#		Brian Batke <babatke@ra.rockwell.com>
#		
ivs-video	2232/tcp	IVS Video default
ivs-video	2232/udp	IVS Video default
#		Thierry Turletti <Thierry.Turletti@sophia.inria.fr>
infocrypt	2233/tcp	INFOCRYPT

infocrypt	2233/udp	INFOCRYPT
#		Erica Liu <liue@isolation.com>
directplay	2234/tcp	DirectPlay
directplay	2234/udp	DirectPlay
#		Ajay Jindal <ajayj@microsoft.com>
sercomm-wlink	2235/tcp	Sercomm-WLink
sercomm-wlink	2235/udp	Sercomm-WLink
#		Melinda Tsao <melinda@tpel.sercomm.com.tw>
nani	2236/tcp	Nani
nani	2236/udp	Nani
#		Steve Benoit <sbenoi01@eng.eds.com>
optech-port1-lm	2237/tcp	Optech Port1 License Manager
optech-port1-lm	2237/udp	Optech Port1 License Manager
#		Gerard Cannie <jcannie@opticaltech.com>
aviva-sna	2238/tcp	AVIVA SNA SERVER
aviva-sna	2238/udp	AVIVA SNA SERVER
#		Vick Keshishian <vickenK@192.219.82.71>
imagequery	2239/tcp	Image Query
imagequery	2239/udp	Image Query
#		Charles Jacobs <cjacobs@numinous.com>
recipe	2240/tcp	RECIPE
recipe	2240/udp	RECIPE
#		Charlie Limoges <charlie.limoges@gd-cs.com>
ivsd	2241/tcp	IVS Daemon
ivsd	2241/udp	IVS Daemon
#		Thierry Turletti
#		<Thierry.Turletti@sophia.inria.fr>
foliocorp	2242/tcp	Folio Remote Server
foliocorp	2242/udp	Folio Remote Server
#		Pat Mcgowan <pmcgowan@folio.com>
magicom	2243/tcp	Magicom Protocol
magicom	2243/udp	Magicom Protocol
#		Yossi Appleboum <yossia@magicom.co.il>
nmserver	2244/tcp	NMS Server
nmserver	2244/udp	NMS Server
#		Dmitry Krasnonosenkikh
#		<Dmitry_Krasnonosenkikh@nmss.com>
hao	2245/tcp	HaO
hao	2245/udp	HaO
#		Panic Ride <panicride@hao.org>
pc-mta-addrmap	2246/tcp	PacketCable MTA Addr Map
pc-mta-addrmap	2246/udp	PacketCable MTA Addr Map
#		Dave Maxwell <d.maxwell@cablelabs.com>
#	2247	Unassigned
ums	2248/tcp	User Management Service
ums	2248/udp	User Management Service
#		Andrew Crockford
#		<andrew.crockford@modus-interactive.co.uk>
rfmp	2249/tcp	RISO File Manager Protocol
rfmp	2249/udp	RISO File Manager Protocol
#		Shinji Yamanaka <syamanaka@jci.co.jp>
remote-collab	2250/tcp	remote-collab
remote-collab	2250/udp	remote-collab
#		Richard Walters <walters@cs.ucdavis.edu>
dif-port	2251/tcp	Distributed Framework Port
dif-port	2251/udp	Distributed Framework Port
#		Sebastien Lambla <lambla@bouygtel.com>
njenet-ssl	2252/tcp	NJENET using SSL
njenet-ssl	2252/udp	NJENET using SSL
#		Hans U Schmidt <schmidth@de.ibm.com>
dtv-chan-req	2253/tcp	DTV Channel Request
dtv-chan-req	2253/udp	DTV Channel Request
#		Richard Hodges <rh@matriplex.com>
seispoc	2254/tcp	Seismic P.O.C. Port

seispoc	2254/udp	Seismic P.O.C. Port
#		Robert Reimiller <bob@certsoft.com>
vrtp	2255/tcp	VRTP - ViRtue Transfer Protocol
vrtp	2255/udp	VRTP - ViRtue Transfer Protocol
#		Max Fudim <fudim@virtue3d.com>
#	2256-2259	Unassigned
apc-pbeconsole	2260/tcp	APC Console Comm Port
apc-pbeconsole	2260/udp	APC Console Comm Port
#		David Cardimino <dcardimi@apcc.com> February 2002
#	2261-2278	Unassigned
xmquery	2279/tcp	xmquery
xmquery	2279/udp	xmquery
#		Niels Christiansen <nchris@austin.ibm.com>
lnvpoller	2280/tcp	LNVPOLLER
lnvpoller	2280/udp	LNVPOLLER
lnvconsole	2281/tcp	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 <cjh@krypton.de>
#	2289-2293	Unassigned
konshus-lm	2294/tcp	Konshus License Manager (FLEX)
konshus-lm	2294/udp	Konshus License Manager (FLEX)
#		Francois Painchaud <fpainchaud@konshus.com>
advant-lm	2295/tcp	Advant License Manager
advant-lm	2295/udp	Advant License Manager
#		Lars-Goran Magnusson
#		<lars-goran.magnusson@seisy.mail.abb.com>
theta-lm	2296/tcp	Theta License Manager (Rainbow)
theta-lm	2296/udp	Theta License Manager (Rainbow)
#		David Thompson <theta@theta-ent.com>
d2k-datamover1	2297/tcp	D2K DataMover 1
d2k-datamover1	2297/udp	D2K DataMover 1
d2k-datamover2	2298/tcp	D2K DataMover 2
d2k-datamover2	2298/udp	D2K DataMover 2
#		Eric Lan <elan@d2k.com>
pc-telecommute	2299/tcp	PC Telecommute
pc-telecommute	2299/udp	PC Telecommute
#		John Daniel Bonamico <jbonamico@symantec.com>
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@compaq.com>
binderysupport	2302/tcp	Bindery Support
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-scaleserver	2305/tcp	MT ScaleServer
mt-scaleserver	2305/udp	MT ScaleServer
#		Paul Glaubitz <Paul.Glaubitz@mt.com>
tappi-boxnet	2306/tcp	TAPPI BoxNet
tappi-boxnet	2306/udp	TAPPI BoxNet
#		Richard Spartz <rspartz@alliancetechnical.com>
pehelp	2307/tcp	pehelp
pehelp	2307/udp	pehelp
#		Jens Kilian <jensk@hpbeo82.bbn.hp.com>
sdhelp	2308/tcp	sdhelp
sdhelp	2308/udp	sdhelp
#		Annette Klecha <annette_klecha@bbn.hp.com>
sdserver	2309/tcp	SD Server
sdserver	2309/udp	SD Server
sdclient	2310/tcp	SD Client
sdclient	2310/udp	SD Client
#		Jeurgem Broesamle <juergb@bbn.hp.com>
messageservice	2311/tcp	Message Service
messageservice	2311/udp	Message Service
#		No contact Listed
iapp	2313/tcp	IAPP (Inter Access Point Protocol)
iapp	2313/udp	IAPP (Inter Access Point Protocol)
#		Henri Moelard <moelard@lucent.com>
cr-websystems	2314/tcp	CR WebSystems
cr-websystems	2314/udp	CR WebSystems
#		Robin Giese <rgiese@peddie.org>
precise-sft	2315/tcp	Precise Sft.
precise-sft	2315/udp	Precise Sft.
#		Michael Landwehr <mikel@precisesoft.co.il>
sent-lm	2316/tcp	SENT License Manager
sent-lm	2316/udp	SENT License Manager
#		Pisharath Krishnan <krishnan@axis-inc.com>
attachmate-g32	2317/tcp	Attachmate G32
attachmate-g32	2317/udp	Attachmate G32
#		Bryce Bhatnagar <BRYCEBH@Attachmate.com>
cadencecontrol	2318/tcp	Cadence Control
cadencecontrol	2318/udp	Cadence Control
#		Buck Caldwell <buck_c@polygon.com>
infolibria	2319/tcp	InfoLibria
infolibria	2319/udp	InfoLibria
#		Chris Chiotasso <cchiotasso@infolibria.com>
siebel-ns	2320/tcp	Siebel NS
siebel-ns	2320/udp	Siebel NS
#		Gilberto Arnaiz <garnaiz@siebel.com>
rdlap	2321/tcp	RDLAP
rdlap	2321/udp	RDLAP
#		Robert Wiebe <crw010@email.mot.com>
ofsd	2322/tcp	ofsd
ofsd	2322/udp	ofsd
3d-nfsd	2323/tcp	3d-nfsd
3d-nfsd	2323/udp	3d-nfsd
#		Mike Sherrill <sherrill@commvault.com>
cosmocall	2324/tcp	Cosmocall
cosmocall	2324/udp	Cosmocall
#		Steve Dellutri
designspace-lm	2325/tcp	Design Space License Management
designspace-lm	2325/udp	Design Space License Management
#		Suzanne Lorrin <suzanne.lorrin@ansys.com>
idcp	2326/tcp	IDCP

idcp	2326/udp	IDCP
#		Keisokugiken Corp. <adda@kgc.co.jp>
xingcsm	2327/tcp	xingcsm
xingcsm	2327/udp	xingcsm
#		Dave Spencer <dspencer@xingtech.com>
netrix-sftm	2328/tcp	Netrix SFTM
netrix-sftm	2328/udp	Netrix SFTM
#		Garrett Herschleb <garrett@netrix.com>
nvd	2329/tcp	NVD
nvd	2329/udp	NVD
#		Peter Weyman <pjweyman@noblenet.com>
tscchat	2330/tcp	TSCCHAT
tscchat	2330/udp	TSCCHAT
#		Mike Jackson <mhjack@tscnet.com>
agentview	2331/tcp	AGENTVIEW
agentview	2331/udp	AGENTVIEW
#		Ram Iyer <ram@aaccorp.com>
rcc-host	2332/tcp	RCC Host
rcc-host	2332/udp	RCC Host
#		Martin Shoemaker <shoemakerml@rapistan.com>
snapp	2333/tcp	SNAPP
snapp	2333/udp	SNAPP
#		Kevin Obsorn <kosborn@meridian-data.com>
ace-client	2334/tcp	ACE Client Auth
ace-client	2334/udp	ACE Client Auth
ace-proxy	2335/tcp	ACE Proxy
ace-proxy	2335/udp	ACE Proxy
#		Riaz Zolfonoon <rzolfonoon@securitydynamics.com>
appleugcontrol	2336/tcp	Apple UG Control
appleugcontrol	2336/udp	Apple UG Control
#		Gene Tyacke <gene@apple.com>
ideesrv	2337/tcp	ideesrv
ideesrv	2337/udp	ideesrv
#		Marazzi <fmarazzi@ideetique.com>
norton-lambert	2338/tcp	Norton Lambert
norton-lambert	2338/udp	Norton Lambert
#		Richard de Mornay <rdemornay@norton-lambert.com>
3com-webview	2339/tcp	3Com WebView
3com-webview	2339/udp	3Com WebView
#		Jennifer Grace <Jennifer_Grace@3com.com>
wrs_registry	2340/tcp	WRS Registry
wrs_registry	2340/udp	WRS Registry
#		Christophe Cleraux <chrisc@wrs.com>
xiostatus	2341/tcp	XIO Status
xiostatus	2341/udp	XIO Status
#		Randy Maas <randym@xiotech.com>
manage-exec	2342/tcp	Seagate Manage Exec
manage-exec	2342/udp	Seagate Manage Exec
#		Jim Flaherty <jim.flaherty@seagatesoftware.com>
nati-logos	2343/tcp	nati logos
nati-logos	2343/udp	nati logos
#		David Pierce <David.Pierce@natinst.com>
fcmsys	2344/tcp	fcmsys
fcmsys	2344/udp	fcmsys
dbm	2345/tcp	dbm
dbm	2345/udp	dbm
#		Dean Robson <dean.robson@fujitsu.com.au>
redstorm_join	2346/tcp	Game Connection Port
redstorm_join	2346/udp	Game Connection Port
redstorm_find	2347/tcp	Game Announcement and Location
redstorm_find	2347/udp	Game Announcement and Location
redstorm_info	2348/tcp	Information to query for game status
redstorm_info	2348/udp	Information to query for game status
redstorm_diag	2349/tcp	Diagnostics Port

redstorm_diag	2349/udp	Diagnostics Port
#		David Weinstein <david.weinstein@redstorm.com>
psbserver	2350/tcp	psbserver
psbserver	2350/udp	psbserver
psrserver	2351/tcp	psrserver
psrserver	2351/udp	psrserver
pslserver	2352/tcp	pslserver
pslserver	2352/udp	pslserver
pspserver	2353/tcp	pspserver
pspserver	2353/udp	pspserver
psprserver	2354/tcp	psprserver
psprserver	2354/udp	psprserver
psdbserver	2355/tcp	psdbserver
psdbserver	2355/udp	psdbserver
#		Paul Reddy <Paul@pharos.co.nz>
gxtelmd	2356/tcp	GXT License Managemant
gxtelmd	2356/udp	GXT License Managemant
#		Robert Hodgson <rrh@gxt.com>
unihub-server	2357/tcp	UniHub Server
unihub-server	2357/udp	UniHub Server
#		Tim Kenyon <Tim_Kenyon@csicontrols.com>
futrix	2358/tcp	Futrix
futrix	2358/udp	Futrix
#		Peter Frankenberg <pcfberg@ibm.net>
flukeserver	2359/tcp	FlukeServer
flukeserver	2359/udp	FlukeServer
#		Bill Marbaker <wrm@fortenet.com>
nexstorindltd	2360/tcp	NexstorIndLtd
nexstorindltd	2360/udp	NexstorIndLtd
#		NexStor India Limited <next@nda.vsnl.net.in>
tl1	2361/tcp	TL1
tl1	2361/udp	TL1
#		Charles Scott Roberson <chip@cerent.com>
digiman	2362/tcp	digiman
digiman	2362/udp	digiman
#		Aaron Kurland <aaronk@digi.com>
mediacntrlnfds	2363/tcp	Media Central NFSD
mediacntrlnfds	2363/udp	Media Central NFSD
#		shivakumar s. govindarajapuram <shivak@eng.sun.com>
oi-2000	2364/tcp	OI-2000
oi-2000	2364/udp	OI-2000
#		Software Horizons Inc. <oi2000@shorizons.com>
dbref	2365/tcp	dbref
dbref	2365/udp	dbref
#		Yoshihiro Yamazaki <yamazaki@ael.fujitsu.co.jp>
qip-login	2366/tcp	qip-login
qip-login	2366/udp	qip-login
#		Mike Morgan <mmorgan@lucent.com>
service-ctrl	2367/tcp	Service Control
service-ctrl	2367/udp	Service Control
#		Humberto Sanchez <Humberto_Sanchez@hp.com>
opentable	2368/tcp	OpenTable
opentable	2368/udp	OpenTable
#		Thomas Theobald <ttheobald@opentable.com>
acs2000-dsp	2369/tcp	ACS2000 DSP
acs2000-dsp	2369/udp	ACS2000 DSP
#		Jeffrey Beauchamp <jeffrey.beauchamp@acs2000.net>
l3-hbmon	2370/tcp	L3-HBMon
l3-hbmon	2370/udp	L3-HBMon
#		Dolores Scott <Dolores.Scott@L-3security.com>
####	Port 2370	Unofficially used by Compaq ####
worldwire	2371/tcp	Compaq WorldWire Port
worldwire	2371/udp	Compaq WorldWire Port
#		Michael Spratte <michael.spratte@compaq.com>

#	2372-2380	Unassigned
compaq-https	2381/tcp	Compaq HTTPS
compaq-https	2381/udp	Compaq HTTPS
#		Scott Shaffer <scott.shaffer@compaq.com>
ms-olap3	2382/tcp	Microsoft OLAP
ms-olap3	2382/udp	Microsoft OLAP
ms-olap4	2383/tcp	Microsoft OLAP
ms-olap4	2383/udp	Microsoft OLAP
#		Mosha Pasumansky <moshap@microsoft.com>
sd-request	2384/tcp	SD-REQUEST
sd-capacity	2384/udp	SD-CAPACITY
#		Jason McManus <jasonm@sleepdep.net>
sd-data	2385/tcp	SD-DATA
sd-data	2385/udp	SD-DATA
#		Jason McManus <jasonm@sleepdep.net>
virtualtape	2386/tcp	Virtual Tape
virtualtape	2386/udp	Virtual Tape
vsamredirector	2387/tcp	VSAM Redirector
vsamredirector	2387/udp	VSAM Redirector
#		Ingo Franzki <ifranzki@de.ibm.com>
mynahautostart	2388/tcp	MYNAH AutoStart
mynahautostart	2388/udp	MYNAH AutoStart
#		Thomas J. Klehr <tklehr@telcordia.com>
ovsessionmgr	2389/tcp	OpenView Session Mgr
ovsessionmgr	2389/udp	OpenView Session Mgr
#		Eric Pulsipher <eric_pulsipher@hp.com>
rsmtip	2390/tcp	RSMTIP
rsmtip	2390/udp	RSMTIP
#		Geoff Collyer <geoff@research.bell-labs.com>
3com-net-mgmt	2391/tcp	3COM Net Management
3com-net-mgmt	2391/udp	3COM Net Management
#		Prathibha Nagvar
tacticalauth	2392/tcp	Tactical Auth
tacticalauth	2392/udp	Tactical Auth
#		David Yon <yon@tactical-sw.com>
ms-olap1	2393/tcp	MS OLAP 1
ms-olap1	2393/udp	MS OLAP 1
ms-olap2	2394/tcp	MS OLAP 2
ms-olap2	2394/udp	MS OLAP 2
#		Mosha Pasumansky <moshap@microsoft.com>
lan900_remote	2395/tcp	LAN900 Remote
lan900_remote	2395/udp	LAN900 Remote
#		Tom Quinlan <tquinlan@digitechinc.com>
wusage	2396/tcp	Wusage
wusage	2396/udp	Wusage
#		Thomas Boutell <boutell@boutell.com>
ncl	2397/tcp	NCL
ncl	2397/udp	NCL
#		Robert Wiebe <crw010@email.mot.com>
orbiter	2398/tcp	Orbiter
orbiter	2398/udp	Orbiter
#		David Goldberg <dgoldberg@callisto.com>
fmpro-fdal	2399/tcp	FileMaker, Inc. - Data Access Layer
fmpro-fdal	2399/udp	FileMaker, Inc. - Data Access Layer
#		Clay Maeckal <clay_maeckal@filemaker.com>
opequus-server	2400/tcp	OpEquus Server
opequus-server	2400/udp	OpEquus Server
#		Gavin Hutchinson <gavinh@tesl.com>
cvspserver	2401/tcp	cvspserver
cvspserver	2401/udp	cvspserver
#		Jim Kingdon <kingdon@harvey.cyclic.com>
taskmaster2000	2402/tcp	TaskMaster 2000 Server
taskmaster2000	2402/udp	TaskMaster 2000 Server
taskmaster2000	2403/tcp	TaskMaster 2000 Web

taskmaster2000	2403/udp	TaskMaster 2000 Web
#		Ed Odjaghian <edo@datacap.com>
iec870-5-104	2404/tcp	IEC870-5-104
iec870-5-104	2404/udp	IEC870-5-104
#		Walter Eichelburg <ei@sat-automation.com>
trc-netpoll	2405/tcp	TRC Netpoll
trc-netpoll	2405/udp	TRC Netpoll
#		Bizhan Ghavami <ghavami@telcores.com>
jediserver	2406/tcp	JediServer
jediserver	2406/udp	JediServer
#		Paul McEntire <paul.mcentire@columbiasc.ncr.com>
orion	2407/tcp	Orion
orion	2407/udp	Orion
#		Matthew Horoschun <matthora@pcug.org.au>
optimanet	2408/tcp	OptimaNet
optimanet	2408/udp	OptimaNet
#		John Graham-Cumming <jgc@optimal.com>
sns-protocol	2409/tcp	SNS Protocol
sns-protocol	2409/udp	SNS Protocol
#		Amir Blich <amir@netmanage.co.il>
vrts-registry	2410/tcp	VRTS Registry
vrts-registry	2410/udp	VRTS Registry
#		Pranay Varma <pran@veritas.com>
netwave-ap-mgmt	2411/tcp	Netwave AP Management
netwave-ap-mgmt	2411/udp	Netwave AP Management
#		Johnny Zweig <zweig@netwave-wireless.com>
cdn	2412/tcp	CDN
cdn	2412/udp	CDN
#		Alan Noble <noble@netmind.com>
orion-rmi-reg	2413/tcp	orion-rmi-reg
orion-rmi-reg	2413/udp	orion-rmi-reg
#		J.S. Greenfield <greeny@us.ibm.com>
beeyond	2414/tcp	Beeyond
beeyond	2414/udp	Beeyond
#		Bob Deblrier <bob@virtualunlimited.com>
comtest	2415/tcp	COMTEST
comtest	2415/udp	COMTEST
#		Sylvia Ross <sross@comtest.co.uk>
rmtserver	2416/tcp	RMT Server
rmtserver	2416/udp	RMT Server
#		Yvon Marineau <yvon@simware.com>
composit-server	2417/tcp	Composit Server
composit-server	2417/udp	Composit Server
#		Katsuaki Naoi <naoi@pfu.co.jp>
cas	2418/tcp	cas
cas	2418/udp	cas
#		Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
attachmate-s2s	2419/tcp	Attachmate S2S
attachmate-s2s	2419/udp	Attachmate S2S
#		Chris Rominski <ChrisRom@attachmate.com>
dslremote-mgmt	2420/tcp	DSL Remote Management
dslremote-mgmt	2420/udp	DSL Remote Management
#		Westell, Inc. <jronk@westell.com>
g-talk	2421/tcp	G-Talk
g-talk	2421/udp	G-Talk
#		Matt Hammond <matt_hammond@four-sight.co.uk>
crmsbits	2422/tcp	CRMSBITS
crmsbits	2422/udp	CRMSBITS
#		Rod Ward <RWard@vaccmell.telstra.com.au>
rnrp	2423/tcp	RNRP
rnrp	2423/udp	RNRP
#		Per Sahlqvist <psahlqvi@sw.seisy.abb.se>
kofax-svr	2424/tcp	KOFAX-SVR
kofax-svr	2424/udp	KOFAX-SVR

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# Terry Reagan <treagan@kofax.com>
fjitsuappmgr 2425/tcp Fujitsu App Manager
fjitsuappmgr 2425/udp Fujitsu App Manager
# Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
applianttcp 2426/tcp Appliant TCP
appliantudp 2426/udp Appliant UDP
# Brad Chen <bchen@appliant.com>
mgcp-gateway 2427/tcp Media Gateway Control Protocol Gateway
mgcp-gateway 2427/udp Media Gateway Control Protocol Gateway
# Christian Huitema <huitema@research.telcordia.com>
ott 2428/tcp One Way Trip Time
ott 2428/udp One Way Trip Time
# Beverly Schwartz <bschwartz@BBN.COM>
ft-role 2429/tcp FT-ROLE
ft-role 2429/udp FT-ROLE
# Doug Boone <dboone@atg.CLR.com>
venus 2430/tcp venus
venus 2430/udp venus
venus-se 2431/tcp venus-se
venus-se 2431/udp venus-se
codasrv 2432/tcp codasrv
codasrv 2432/udp codasrv
codasrv-se 2433/tcp codasrv-se
codasrv-se 2433/udp codasrv-se
# Robert Watson <robert@cyrus.watson.org>
pxc-epmap 2434/tcp pxc-epmap
pxc-epmap 2434/udp pxc-epmap
# Jun Nakamura <jnakamur@cp10.es.xerox.com>
optilogic 2435/tcp OptiLogic
optilogic 2435/udp OptiLogic
# Clark Williams <clark@wirespeed.com>
topx 2436/tcp TOP/X
topx 2436/udp TOP/X
# Dragos Pop <dragos@cs.ubbcluj.ro>
unicontrol 2437/tcp UniControl
unicontrol 2437/udp UniControl
# Ing. Markus Huemer <markus.huemer@hsd.at>
msp 2438/tcp MSP
msp 2438/udp MSP
# Evan Caves <evan@acc.com>
sybasedbsynch 2439/tcp SybaseDBSynch
sybasedbsynch 2439/udp SybaseDBSynch
# Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
spearway 2440/tcp Spearway Lockers
spearway 2440/udp Spearway Lockers
# Pierre Frisch <Pierre.Frisch@spearway.com>
pvsw-inet 2441/tcp pvsw-inet
pvsw-inet 2441/udp pvsw-inet
# John McDowell <John.McDowell@pervasive.com>
netangel 2442/tcp Netangel
netangel 2442/udp Netangel
# Ladislav Baranyay <identcod@identcode.sk>
powerclientcsf 2443/tcp PowerClient Central Storage Facility
powerclientcsf 2443/udp PowerClient Central Storage Facility
# Brian Klassen <Brian.Klassen@Unisys.com>
btp2sectrans 2444/tcp BT PP2 Sectrans
btp2sectrans 2444/udp BT PP2 Sectrans
# Ian Daniels <ian.daniels@bt-sys.bt.co.uk>
dtn1 2445/tcp DTN1
dtn1 2445/udp DTN1
# Bob Gaddie <bobg@dtm.com>
bues_service 2446/tcp bues_service
bues_service 2446/udp bues_service
# Leonhard Diekmann

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# <diekmann@04.mstr02.telekom400.dbp.de>
ovwdb 2447/tcp OpenView NNM daemon
ovwdb 2447/udp OpenView NNM daemon
# Eric Pulsipher <eric_pulsipher@fc.hp.com>
hpppssvr 2448/tcp hpppssvr
hpppssvr 2448/udp hpppssvr
# Bridgette Landers <blanders@boi.hp.com>
ratl 2449/tcp RATL
ratl 2449/udp RATL
# Paul Greenfield <paul.greenfield@unisys.com>
netadmin 2450/tcp netadmin
netadmin 2450/udp netadmin
netchat 2451/tcp netchat
netchat 2451/udp netchat
# Julian Mehnle <julian@mehnle.net>
snifferclient 2452/tcp SnifferClient
snifferclient 2452/udp SnifferClient
# Amy Weaver <amy_weaver@nai.com>
madge-om 2453/tcp madge-om
madge-om 2453/udp madge-om
# Andrew Draper <adraper@dev.madge.com>
indx-dds 2454/tcp IndX-DDS
indx-dds 2454/udp IndX-DDS
# Paul Carmichael <paulcarmichael@indx.net>
wago-io-system 2455/tcp WAGO-IO-SYSTEM
wago-io-system 2455/udp WAGO-IO-SYSTEM
# Uwe Rathert <uwe.rathert@ieee.org>
altav-remmgt 2456/tcp altav-remmgt
altav-remmgt 2456/udp altav-remmgt
# Gary M. Allen <gallen@symantec.com>
rapido-ip 2457/tcp Rapido_IP
rapido-ip 2457/udp Rapido_IP
# Man Shuen Cheung <man_shuen_cheung@wamnet.co.uk>
griffin 2458/tcp griffin
griffin 2458/udp griffin
# Tom Taylor <Tom.Taylor@unisys.com>
community 2459/tcp Community
community 2459/udp Community
# David Schwartz <davids@webmaster.com>
ms-theater 2460/tcp ms-theater
ms-theater 2460/udp ms-theater
# Anton Kucer <a-antonk@microsoft.com>
qadmifoper 2461/tcp qadmifoper
qadmifoper 2461/udp qadmifoper
qadmifevent 2462/tcp qadmifevent
qadmifevent 2462/udp qadmifevent
# Pekka Takaranta <pekka.takaranta@tellabs.fi>
symbios-raid 2463/tcp Symbios Raid
symbios-raid 2463/udp Symbios Raid
# Bill Delaney <bill.delaney@symbios.com>
direcpc-si 2464/tcp DirecPC SI
direcpc-si 2464/udp DirecPC SI
# Doug Dillon <dillon@hns.com>
lbn 2465/tcp Load Balance Management
lbn 2465/udp Load Balance Management
lbf 2466/tcp Load Balance Forwarding
lbf 2466/udp Load Balance Forwarding
# Kazuhiro Koide <kaz@pfu.co.jp>
high-criteria 2467/tcp High Criteria
high-criteria 2467/udp High Criteria
# Konstantin Iavid <kiavid@highcriteria.com>
qip-msgd 2468/tcp qip_msgd
qip-msgd 2468/udp qip_msgd
# Mike Morgan <mmorgan@lucent.com>

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mti-tcs-comm	2469/tcp	MTI-TCS-COMM
mti-tcs-comm	2469/udp	MTI-TCS-COMM
#		Mario Bonin <boninm@microtempus.com>
taskman-port	2470/tcp	taskman port
taskman-port	2470/udp	taskman port
#		Boris Panteleev <bpanteleev@himel.com>
seaodbc	2471/tcp	SeaODBC
seaodbc	2471/udp	SeaODBC
#		Adrian Hornby <Adrian.Hornby@aran.co.uk>
c3	2472/tcp	C3
c3	2472/udp	C3
#		Eckhard Grieger <e.grieger@com-on.de>
aker-cdp	2473/tcp	Aker-cdp
aker-cdp	2473/udp	Aker-cdp
#		Rodrigo Ormonde <ormonde@aker.com.br>
vitalanalysis	2474/tcp	Vital Analysis
vitalanalysis	2474/udp	Vital Analysis
#		Srinivas Reddy <sreddy@vitalsigns.com>
ace-server	2475/tcp	ACE Server
ace-server	2475/udp	ACE Server
ace-svr-prop	2476/tcp	ACE Server Propagation
ace-svr-prop	2476/udp	ACE Server Propagation
ssm-cvs	2477/tcp	SecurSight Certificate Valifation Service
ssm-cvs	2477/udp	SecurSight Certificate Valifation Service
ssm-cssps	2478/tcp	SecurSight Authentication Server (SSL)
ssm-cssps	2478/udp	SecurSight Authentication Server (SSL)
ssm-els	2479/tcp	SecurSight Event Logging Server (SSL)
ssm-els	2479/udp	SecurSight Event Logging Server (SSL)
#		John Linn <jlinn@securitydynamics.com>
lingwood	2480/tcp	Lingwood's Detail
lingwood	2480/udp	Lingwood's Detail
#		Dave Richmond <drichmond@striva.com>
giop	2481/tcp	Oracle GIOP
giop	2481/udp	Oracle GIOP
giop-ssl	2482/tcp	Oracle GIOP SSL
giop-ssl	2482/udp	Oracle GIOP SSL
ttc	2483/tcp	Oracle TTC
ttc	2483/udp	Oracle TTC
ttc-ssl	2484/tcp	Oracle TTC SSL
ttc-ssl	2484/udp	Oracle TTC SSL
#		Chandar Venkataraman <CVENKATA@us.oracle.com>
netobjects1	2485/tcp	Net Objects1
netobjects1	2485/udp	Net Objects1
netobjects2	2486/tcp	Net Objects2
netobjects2	2486/udp	Net Objects2
#		Francois Granade <francois@netobjects.com>
pns	2487/tcp	Policy Notice Service
pns	2487/udp	Policy Notice Service
#		Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
moy-corp	2488/tcp	Moy Corporation
moy-corp	2488/udp	Moy Corporation
#		Gang Gong Moy
tsilb	2489/tcp	TSILB
tsilb	2489/udp	TSILB
#		James Irwin <jimi@travsoft.com>
qip-qdhcp	2490/tcp	qip_qdhcp
qip-qdhcp	2490/udp	qip_qdhcp
#		Mike Morgan <mmorgan@lucent.com>
conclave-cpp	2491/tcp	Conclave CPP
conclave-cpp	2491/udp	Conclave CPP
#		Larry Lipstone <lrl@interdyn.com>
groove	2492/tcp	GROOVE
groove	2492/udp	GROOVE
#		Ray Ozzie <ray@rocks.net>

talarian-mqs	2493/tcp	Talarian MQS
talarian-mqs	2493/udp	Talarian MQS
#		Jim Stabile <jstabile@talarian.com>
bmc-ar	2494/tcp	BMC AR
bmc-ar	2494/udp	BMC AR
#		Shelia Childs <sheila_childs@bmc.com>
fast-rem-serv	2495/tcp	Fast Remote Services
fast-rem-serv	2495/udp	Fast Remote Services
#		Scott St. Clair <stclair@NTC.ADAPTEC.com>
dirgis	2496/tcp	DIRGIS
dirgis	2496/udp	DIRGIS
#		Deutschland Informations- und
#		Reservierungsgesellschaft mbH <beratung@dirg.de>
quaddb	2497/tcp	Quad DB
quaddb	2497/udp	Quad DB
#		Jeff Rosenthal <jrosenthal@quad-sys.com>
odn-castraq	2498/tcp	ODN-CasTraq
odn-castraq	2498/udp	ODN-CasTraq
#		Richard Hodges <rh@source.net>
unicontrol	2499/tcp	UniControl
unicontrol	2499/udp	UniControl
#		Ing. Markus Huemer
rtsserv	2500/tcp	Resource Tracking system server
rtsserv	2500/udp	Resource Tracking system server
rtsclient	2501/tcp	Resource Tracking system client
rtsclient	2501/udp	Resource Tracking system client
#		Aubrey Turner
#		<S95525ta%etsuacad.bitnet@ETSUADMN.ETSU.EDU>
kentrox-prot	2502/tcp	Kentrox Protocol
kentrox-prot	2502/udp	Kentrox Protocol
#		Anil Lakhwara <anil_lakhwara@kentrox.com>
nms-dpnss	2503/tcp	NMS-DPNSS
nms-dpnss	2503/udp	NMS-DPNSS
#		Jean-Christophe Desire
#		<Jean-Christophe_Desire@NMS-Europe.com>
wlbs	2504/tcp	WLBS
wlbs	2504/udp	WLBS
#		William Bain <bbain@microsoft.com>
torque-traffic	2505/tcp	torque-traffic
torque-traffic	2505/udp	torque-traffic
#		Alan Porter <alan@torque.com>
jbroker	2506/tcp	jbroker
jbroker	2506/udp	jbroker
#		Rohit Garg <rohit@objectScape.com>
spock	2507/tcp	spock
spock	2507/udp	spock
#		Jon A. Christopher <jac8792@tamu.edu>
jdatastore	2508/tcp	JDataStore
jdatastore	2508/udp	JDataStore
#		Tod Landis <tlandis@inprise.com>
fjmpss	2509/tcp	fjmpss
fjmpss	2509/udp	fjmpss
#		Makoto Watanabe <makoto@saint.nm.fujitsu.co.jp>
fjappmgrbulk	2510/tcp	fjappmgrbulk
fjappmgrbulk	2510/udp	fjappmgrbulk
#		Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
metastorm	2511/tcp	Metastorm
metastorm	2511/udp	Metastorm
#		Eric Isom <eisom@metastorm.com>
citrixima	2512/tcp	Citrix IMA
citrixima	2512/udp	Citrix IMA
citrixadmin	2513/tcp	Citrix ADMIN
citrixadmin	2513/udp	Citrix ADMIN
#		Myk Willis <myk.willis@citrix.com>

facsys-ntp	2514/tcp	Facsys NTP
facsys-ntp	2514/udp	Facsys NTP
facsys-router	2515/tcp	Facsys Router
facsys-router	2515/udp	Facsys Router
#		Jeff Hoffman <jeffh@facsys.com>
maincontrol	2516/tcp	Main Control
maincontrol	2516/udp	Main Control
#		Nathan Sadia <sadia@maincontrol.com>
call-sig-trans	2517/tcp	H.323 Annex E call signaling transport
call-sig-trans	2517/udp	H.323 Annex E call signaling transport
#		Gur Kimchi <gur.kimchi@vocaltec.com>
willy	2518/tcp	Willy
willy	2518/udp	Willy
#		Carl-Johan Wik <cjw@hudsmoar.com>
globmsgsvc	2519/tcp	globmsgsvc
globmsgsvc	2519/udp	globmsgsvc
#		David Wiltz <dwiltz@hf.intel.com>
pvswh	2520/tcp	pvswh
pvswh	2520/udp	pvswh
#		Ghassan Yammine <Ghassan.Yammine@pervasive.com>
adaptecmgr	2521/tcp	Adaptec Manager
adaptecmgr	2521/udp	Adaptec Manager
#		Mark Parenti <map@ntc.adaptec.com>
windb	2522/tcp	WinDb
windb	2522/udp	WinDb
#		Larry Traylor <larry@arium.com>
qke-llc-v3	2523/tcp	Qke LLC V.3
qke-llc-v3	2523/udp	Qke LLC V.3
#		Peter Ostermann <peter.ostermann@kecam-han.de>
optiwave-lm	2524/tcp	Optiwave License Management
optiwave-lm	2524/udp	Optiwave License Management
#		Slawomir Krzesinski <slavek@optiwave.com>
ms-v-worlds	2525/tcp	MS V-Worlds
ms-v-worlds	2525/udp	MS V-Worlds
#		Pete Wong <petewong@microsoft.com>
ema-sent-lm	2526/tcp	EMA License Manager
ema-sent-lm	2526/udp	EMA License Manager
#		Thaddeus Perala <tr@emaden.com>
iqserver	2527/tcp	IQ Server
iqserver	2527/udp	IQ Server
#		Nick Straguzzi <Nick_Straguzzi@akbs.com>
ncr_ccl	2528/tcp	NCR CCL
ncr_ccl	2528/udp	NCR CCL
#		Amitava Dutta <Amitava.Dutta@WoodbridgeNJ.ncr.com>
utsftp	2529/tcp	UTS FTP
utsftp	2529/udp	UTS FTP
#		David Moore <dmoore@uttc-uts.com>
vrcommerce	2530/tcp	VR Commerce
vrcommerce	2530/udp	VR Commerce
#		Yosi Mass <yosimass@haifa.vnet.ibm.com>
ito-e-gui	2531/tcp	ITO-E GUI
ito-e-gui	2531/udp	ITO-E GUI
#		Michael Haeuptle <Michael_Haeuptle@hp.com>
ovtopmd	2532/tcp	OVTOPMD
ovtopmd	2532/udp	OVTOPMD
#		Eric Pulsipher <eric_pulsipher@hp.com>
snifferserver	2533/tcp	SnifferServer
snifferserver	2533/udp	SnifferServer
#		Amy Weaver <Amy_Weaver@NAI.com>
combox-web-acc	2534/tcp	Combox Web Access
combox-web-acc	2534/udp	Combox Web Access
#		Yochai Cohen <yochai@combox.co.il>
madcap	2535/tcp	MADCAP
madcap	2535/udp	MADCAP

#		Stephen Hanna <steve.hanna@sun.com>
btpp2audctrl	2536/tcp	btpp2audctrl
btpp2audctrl	2536/udp	btpp2audctrl
#		Ian Daniels <ian.daniels@bt-sys.bt.co.uk>
upgrade	2537/tcp	Upgrade Protocol
upgrade	2537/udp	Upgrade Protocol
#		Breck Auten <bauten@dst-inc.com>
vnwk-prapi	2538/tcp	vnwk-prapi
vnwk-prapi	2538/udp	vnwk-prapi
#		John Hasselkus <Jhasselkus@VisualNetworks.com>
vsiadmin	2539/tcp	VSI Admin
vsiadmin	2539/udp	VSI Admin
#		Rob Juergens <robj@vsi.com>
lonworks	2540/tcp	LonWorks
lonworks	2540/udp	LonWorks
lonworks2	2541/tcp	LonWorks2
lonworks2	2541/udp	LonWorks2
#		Gary Bartlett <garyb@echelon.com>
davinci	2542/tcp	daVinci
davinci	2542/udp	daVinci
#		Mattias Werner <davinci@tzi.de>
reftek	2543/tcp	REFTEK
reftek	2543/udp	REFTEK
#		Robert Banfill <r.banfill@reftek.com>
novell-zen	2544/tcp	Novell ZEN
novell-zen	2544/udp	Novell ZEN
#		Randy Cook <RACOOK@novell.com>
sis-emt	2545/tcp	sis-emt
sis-emt	2545/udp	sis-emt
#		Bill Crawford <Bill.Crawford@securicor.co.uk>
vytalvaultbrtp	2546/tcp	vytalvaultbrtp
vytalvaultbrtp	2546/udp	vytalvaultbrtp
vytalvaultvsmp	2547/tcp	vytalvaultvsmp
vytalvaultvsmp	2547/udp	vytalvaultvsmp
vytalvaultpipe	2548/tcp	vytalvaultpipe
vytalvaultpipe	2548/udp	vytalvaultpipe
#		Tim Boldt <timb@vytalnet.com>
ipass	2549/tcp	IPASS
ipass	2549/udp	IPASS
#		Michael Fischer <otterley@Pass.COM>
ads	2550/tcp	ADS
ads	2550/udp	ADS
#		Michael O'Connor <moconnor@adobe.com>
isg-uda-server	2551/tcp	ISG UDA Server
isg-uda-server	2551/udp	ISG UDA Server
#		Dror Harari <Dror.Harari@isgsoft.com>
call-logging	2552/tcp	Call Logging
call-logging	2552/udp	Call Logging
#		Dean Webb <dean.webb@ascend.com>
efidiningport	2553/tcp	efidiningport
efidiningport	2553/udp	efidiningport
#		Lynn Carter <carterl@execpc.com>
vcnet-link-v10	2554/tcp	VCnet-Link v10
vcnet-link-v10	2554/udp	VCnet-Link v10
#		Csaba Mate <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>
pclemultimedia	2558/tcp	PCLE Multi Media

pclmultimedia	2558/udp	PCLE Multi Media
#		Bernd Scharping <bscharping@pinnaclesys.com>
lstp	2559/tcp	LSTP
lstp	2559/udp	LSTP
#		Waiki Wright <waiki@us.ibm.com>
labrat	2560/tcp	labrat
labrat	2560/udp	labrat
#		John Harvey <johnbob@austin.ibm.com>
mosaixcc	2561/tcp	MosaixCC
mosaixcc	2561/udp	MosaixCC
#		Steven Frare <stevefr@mosaix.com>
delibo	2562/tcp	Delibo
delibo	2562/udp	Delibo
#		NovaWiz LTD <Moshe@Novawiz.com>
cti-redwood	2563/tcp	CTI Redwood
cti-redwood	2563/udp	CTI Redwood
#		Songwon Chi <swchi@daou.co.kr>
hp-3000-telnet	2564/tcp	HP 3000 NS/VT block mode telnet
#		
coord-svr	2565/tcp	Coordinator Server
coord-svr	2565/udp	Coordinator Server
#		Richard Steiger <steiger@ensemblesoft.com>
pcs-pcw	2566/tcp	pcs-pcw
pcs-pcw	2566/udp	pcs-pcw
#		W. Jordan Fitzhugh <jfitz@pcare.com>
clp	2567/tcp	Cisco Line Protocol
clp	2567/udp	Cisco Line Protocol
#		Susan Hinrichs <shinrich@cisco.com>
spamtrap	2568/tcp	SPAM TRAP
spamtrap	2568/udp	SPAM TRAP
#		Chuck Bennett <chuck@benatong.com>
sonuscallsig	2569/tcp	Sonus Call Signal
sonuscallsig	2569/udp	Sonus Call Signal
#		Mark Garti <mgarti@sonusnet.com>
hs-port	2570/tcp	HS Port
hs-port	2570/udp	HS Port
#		Uri Doron <uri@il.netect.com>
cecsvc	2571/tcp	CECSVC
cecsvc	2571/udp	CECSVC
#		Roger Pao <rpao@corder-eng.com>
ibp	2572/tcp	IBP
ibp	2572/udp	IBP
#		Jonathan Downes <jonno@activ.net.au>
trustestablish	2573/tcp	Trust Establish
trustestablish	2573/udp	Trust Establish
#		Yosi Mass <yosimass@haifa.vnet.ibm.com>
blockade-bpsp	2574/tcp	Blockade BPSP
blockade-bpsp	2574/udp	Blockade BPSP
#		Jay Maharaj <jmaharaj@blockade.com>
hl7	2575/tcp	HL7
hl7	2575/udp	HL7
#		Tim Jacobs
tclprodebugger	2576/tcp	TCL Pro Debugger
tclprodebugger	2576/udp	TCL Pro Debugger
scripticslsrvr	2577/tcp	Scriptics Lsrvr
scripticslsrvr	2577/udp	Scriptics Lsrvr
#		Brent Welch <welch@scriptics.com>
rvs-isdn-dcp	2578/tcp	RVS ISDN DCP
rvs-isdn-dcp	2578/udp	RVS ISDN DCP
#		Michael Zirpel <mbz@rvscom.com>
mpfoncl	2579/tcp	mpfoncl
mpfoncl	2579/udp	mpfoncl
#		Itaru Kimura <kimura@kel.fujitsu.co.jp>
tributary	2580/tcp	Tributary

tributary	2580/udp	Tributary
#		Louis Lu <LouisL@bristol.com>
argis-te	2581/tcp	ARGIS TE
argis-te	2581/udp	ARGIS TE
argis-ds	2582/tcp	ARGIS DS
argis-ds	2582/udp	ARGIS DS
#		John Legh-Page <john.legh-page@argis.com>
mon	2583/tcp	MON
mon	2583/udp	MON
#		Jim Trocki <trockij@transmeta.com>
cyaserv	2584/tcp	cyaserv
cyaserv	2584/udp	cyaserv
#		Morgan Jones <mwj@cyasolutions.com>
netx-server	2585/tcp	NETX Server
netx-server	2585/udp	NETX Server
netx-agent	2586/tcp	NETX Agent
netx-agent	2586/udp	NETX Agent
#		Brett Dolecheck <Dolecheck@IPMetrics.com>
masc	2587/tcp	MASC
masc	2587/udp	MASC
#		Pavlin Ivanov Radoslavov
#		<pavlin@catarina.usc.edu>
privilege	2588/tcp	Privilege
privilege	2588/udp	Privilege
#		Gil Hecht <GilH@aks.com>
quartus-tcl	2589/tcp	quartus tcl
quartus-tcl	2589/udp	quartus tcl
#		Subroto Datta <subrotod@altera.com>
idotdist	2590/tcp	idotdist
idotdist	2590/udp	idotdist
#		Jason Hunter <jthunter@invino.com>
maytagshuffle	2591/tcp	Maytag Shuffle
maytagshuffle	2591/udp	Maytag Shuffle
#		Maytag Corporation <hbuck@maytag.com>
netrek	2592/tcp	netrek
netrek	2592/udp	netrek
#		Al Guetzlaff <aeg@teamquest.com>
mns-mail	2593/tcp	MNS Mail Notice Service
mns-mail	2593/udp	MNS Mail Notice Service
#		Rumiko Kikuta <kiku@end.net.fujitsu.co.jp>
dts	2594/tcp	Data Base Server
dts	2594/udp	Data Base Server
#		Andreas Roene <support@home-online.de>
worldfusion1	2595/tcp	World Fusion 1
worldfusion1	2595/udp	World Fusion 1
worldfusion2	2596/tcp	World Fusion 2
worldfusion2	2596/udp	World Fusion 2
#		World Fusion <net@worldfusion.com>
homesteadglory	2597/tcp	Homestead Glory
homesteadglory	2597/udp	Homestead Glory
#		John Tokash <jtokash@homestead.com>
citriximaclient	2598/tcp	Citrix MA Client
citriximaclient	2598/udp	Citrix MA Client
#		Myk Willis <myk.willis@citrix.com>
meridiandata	2599/tcp	Meridian Data
meridiandata	2599/udp	Meridian Data
#		David Stahl <dstahl@meridian-data.com>
hpstgmgr	2600/tcp	HPSTGMGR
hpstgmgr	2600/udp	HPSTGMGR
#		Kevin Collins <kevinc@.cnd.hp.com>
discp-client	2601/tcp	discp client
discp-client	2601/udp	discp client
discp-server	2602/tcp	discp server
discp-server	2602/udp	discp server

#		Peter White <peter_white@3com.com>
servicemeter	2603/tcp	Service Meter
servicemeter	2603/udp	Service Meter
#		Duncan Hare <Duncan.Hare@synoia.com>
nsc-ccs	2604/tcp	NSC CCS
nsc-ccs	2604/udp	NSC CCS
nsc-posa	2605/tcp	NSC POSA
nsc-posa	2605/udp	NSC POSA
#		Tom Findley <tom.findley@networksciences.net>
netmon	2606/tcp	Dell Netmon
netmon	2606/udp	Dell Netmon
connection	2607/tcp	Dell Connection
connection	2607/udp	Dell Connection
#		Sudhir Shetty <Sudhir_Shetty@Dell.com>
wag-service	2608/tcp	Wag Service
wag-service	2608/udp	Wag Service
#		Gilles Bourquard <gbo@wag.ch>
system-monitor	2609/tcp	System Monitor
system-monitor	2609/udp	System Monitor
#		Greg Robson-Garth <gregr@alphalink.com.au>
versa-tek	2610/tcp	VersaTek
versa-tek	2610/udp	VersaTek
#		James Kou <Jamesk@versatek.com>
lionhead	2611/tcp	LIONHEAD
lionhead	2611/udp	LIONHEAD
#		Tim Rance <trance@lionhead.co.uk>
qpasa-agent	2612/tcp	Qpasa Agent
qpasa-agent	2612/udp	Qpasa Agent
#		Craig Ching <cching@mqsoftware.com>
smntubootstrap	2613/tcp	SMNTUBootstrap
smntubootstrap	2613/udp	SMNTUBootstrap
#		Matt Cecile <mattc@metrics.com>
neveroffline	2614/tcp	Never Offline
neveroffline	2614/udp	Never Offline
#		Dustin Brand <amo@amo.net>
firepower	2615/tcp	firepower
firepower	2615/udp	firepower
#		Jason Volk <firepower@surfrees.com>
appswitch-emp	2616/tcp	appswitch-emp
appswitch-emp	2616/udp	appswitch-emp
#		Ted Ross <ross@TopLayer.com>
cmadmin	2617/tcp	Clinical Context Managers
cmadmin	2617/udp	Clinical Context Managers
#		Mark Morwood <markm@sentillion.com>
priority-e-com	2618/tcp	Priority E-Com
priority-e-com	2618/udp	Priority E-Com
#		Marcelo Einhorn <marcelo@eshbel.com>
bruce	2619/tcp	bruce
bruce	2619/udp	bruce
#		Alec Muffett <alecm@sun.com>
lpsrecommender	2620/tcp	LPSRecommender
lpsrecommender	2620/udp	LPSRecommender
#		Pritham Shetty <pritham@andromedia.com>
miles-apart	2621/tcp	Miles Apart Jukebox Server
miles-apart	2621/udp	Miles Apart Jukebox Server
#		Michael Rathmann <rathmann_ia@milesinfo.com>
metricadbc	2622/tcp	MetricaDBC
metricadbc	2622/udp	MetricaDBC
#		Russ Olivant <russ.olivant@metrica.co.uk>
lmdp	2623/tcp	LM DP
lmdp	2623/udp	LM DP
#		Ken Bailey <kbailey@rockettalk.com>
aria	2624/tcp	Aria
aria	2624/udp	Aria

#		Logan Bruns <logan@andromedia.com>
blwnkl-port	2625/tcp	Blwnkl Port
blwnkl-port	2625/udp	Blwnkl Port
#		Weng Chin (Winson) Yung <Winson_Yung@3com.com>
gbjd816	2626/tcp	gbjd816
gbjd816	2626/udp	gbjd816
#		George Balesta <George.Baletsa@tfn.com>
moshebeeri	2627/tcp	Moshe Beeri
moshebeeri	2627/udp	Moshe Beeri
#		Moshe Beeri <moshe@whale-com.com>
dict	2628/tcp	DICT
dict	2628/udp	DICT
#		Rik Faith <faith@cs.unc.edu>
sitaraserver	2629/tcp	Sitara Server
sitaraserver	2629/udp	Sitara Server
sitaramgmt	2630/tcp	Sitara Management
sitaramgmt	2630/udp	Sitara Management
sitaradir	2631/tcp	Sitara Dir
sitaradir	2631/udp	Sitara Dir
#		Manickam R.Sridhar <msridhar@sitaranetworks.com>
irdg-post	2632/tcp	IRdg Post
irdg-post	2632/udp	IRdg Post
#		IRdg, Inc. <jtaylor@irdg.com>
interintelli	2633/tcp	InterIntelli
interintelli	2633/udp	InterIntelli
#		Mike Gagle <MikeG@inter-intelli.com>
pk-electronics	2634/tcp	PK Electronics
pk-electronics	2634/udp	PK Electronics
#		Seb Ibis <seb_ibis@pkworld.com>
backburner	2635/tcp	Back Burner
backburner	2635/udp	Back Burner
#		Kevin Teiskoetter <kevint@metacreations.com>
solve	2636/tcp	Solve
solve	2636/udp	Solve
#		Peter Morrison <peter_morrison@sydney.sterling.com>
imdocsvc	2637/tcp	Import Document Service
imdocsvc	2637/udp	Import Document Service
#		Zia Bhatti <zia@netright.com>
sybaseanywhere	2638/tcp	Sybase Anywhere
sybaseanywhere	2638/udp	Sybase Anywhere
#		Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
aminet	2639/tcp	AMInet
aminet	2639/udp	AMInet
#		Alcorn McBride Inc. <jeff@alcorn.com>
sai_sentlm	2640/tcp	Sabbagh Associates Licence Manager
sai_sentlm	2640/udp	Sabbagh Associates Licence Manager
#		Elias Sabbagh <ehs@sabbagh.com>
hdl-srv	2641/tcp	HDL Server
hdl-srv	2641/udp	HDL Server
#		David Ely <dely@cnri.reston.va.us>
tragic	2642/tcp	Tragic
tragic	2642/udp	Tragic
#		Stu Mark <fordii@j51.com>
gte-samp	2643/tcp	GTE-SAMP
gte-samp	2643/udp	GTE-SAMP
#		Asher Altman <Asher.Altman@GSC.GTE.Com>
travsoft-ipx-t	2644/tcp	Travsoft IPX Tunnel
travsoft-ipx-t	2644/udp	Travsoft IPX Tunnel
#		Jack Wilson <JackW@travsoft.com>
novell-ipx-cmd	2645/tcp	Novell IPX CMD
novell-ipx-cmd	2645/udp	Novell IPX CMD
#		Juan Carlos Luciani <jluciani@novell.com>
and-lm	2646/tcp	AND License Manager
and-lm	2646/udp	AND License Manager


```

# Dick van der Sijs <dick@and.nl>
syncserver 2647/tcp SyncServer
syncserver 2647/udp SyncServer
# Dave Finnegan <dave@syncinc.com>
upsnotifyprot 2648/tcp Upsnotifyprot
upsnotifyprot 2648/udp Upsnotifyprot
# Mario Leboutte <leboutte@pro.via-rs.com.br>
vpsippport 2649/tcp VPSIPPOR
vpsippport 2649/udp VPSIPPOR
# Joon Radley <jradley@csir.co.za>
eristwoguns 2650/tcp eristwoguns
eristwoguns 2650/udp eristwoguns
# Tony Minkoff <tonym@netpro.com>
ebinsite 2651/tcp EBInSite
ebinsite 2651/udp EBInSite
# Lefteris Kalamaras <lefteris@ebi.com>
interpathpanel 2652/tcp InterPathPanel
interpathpanel 2652/udp InterPathPanel
# Stephen Misel <steve.misel@interpath.net>
sonus 2653/tcp Sonus
sonus 2653/udp Sonus
# Mark Garti <mgarti@sonusnet.com>
corel_vncadmin 2654/tcp Corel VNC Admin
corel_vncadmin 2654/udp Corel VNC Admin
# Oleg Noskov <olegn@corelcomputer.com>
unglue 2655/tcp UNIX Nt Glue
unglue 2655/udp UNIX Nt Glue
# Peter Santoro <peter@pscomp.com>
kana 2656/tcp Kana
kana 2656/udp Kana
# Colin Goldstein <Colin@kana.com>
sns-dispatcher 2657/tcp SNS Dispatcher
sns-dispatcher 2657/udp SNS Dispatcher
sns-admin 2658/tcp SNS Admin
sns-admin 2658/udp SNS Admin
sns-query 2659/tcp SNS Query
sns-query 2659/udp SNS Query
# Mary Holstege <holstege@firstfloor.com>
gcmonitor 2660/tcp GC Monitor
gcmonitor 2660/udp GC Monitor
# Gustavo Rodriguez-Rivera <grr@geodesic.com>
olhost 2661/tcp OLHOST
olhost 2661/udp OLHOST
# Robert Ripberger <rip@lan-aces.com>
bintec-capi 2662/tcp BinTec-CAPI
bintec-capi 2662/udp BinTec-CAPI
bintec-tapi 2663/tcp BinTec-TAPI
bintec-tapi 2663/udp BinTec-TAPI
#
patrol-mq-gm 2664/tcp Patrol for MQ GM
patrol-mq-gm 2664/udp Patrol for MQ GM
patrol-mq-nm 2665/tcp Patrol for MQ NM
patrol-mq-nm 2665/udp Patrol for MQ NM
# Richard Nikula <richard_nikula@bmc.com>
extensis 2666/tcp extensis
extensis 2666/udp extensis
# Milton Sagen <msagen@extensis.com>
alarm-clock-s 2667/tcp Alarm Clock Server
alarm-clock-s 2667/udp Alarm Clock Server
alarm-clock-c 2668/tcp Alarm Clock Client
alarm-clock-c 2668/udp Alarm Clock Client
toad 2669/tcp TOAD
toad 2669/udp TOAD
# Michael Marking <marking@tatanka.com>

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tve-announce	2670/tcp	TVE Announce
tve-announce	2670/udp	TVE Announce
#		Dean Blackketter <dean@corp.webtv.net>
newlixreg	2671/tcp	newlixreg
newlixreg	2671/udp	newlixreg
#		Jean-Serge Gagnon <jsg@newlix.com>
nhserver	2672/tcp	nhserver
nhserver	2672/udp	nhserver
#		Adrian Hornby <Adrian.Hornby@aran.co.uk>
firstcall42	2673/tcp	First Call 42
firstcall42	2673/udp	First Call 42
#		Luke Bowen <leb@tfn.com>
ewnn	2674/tcp	ewnn
ewnn	2674/udp	ewnn
#		Yasunari Yamashita <yamasita@omronsoft.co.jp>
ttc-etap	2675/tcp	TTC ETAP
ttc-etap	2675/udp	TTC ETAP
#		Daniel Becker <becker2d@ttc.com>
simslink	2676/tcp	SIMSLink
simslink	2676/udp	SIMSLink
#		Steve Ryckman <sryckman@simsware.com>
gadgetgate1way	2677/tcp	Gadget Gate 1 Way
gadgetgate1way	2677/udp	Gadget Gate 1 Way
gadgetgate2way	2678/tcp	Gadget Gate 2 Way
gadgetgate2way	2678/udp	Gadget Gate 2 Way
#		Matt Rollins <matt@internetgadgets.com>
syncserverssl	2679/tcp	Sync Server SSL
syncserverssl	2679/udp	Sync Server SSL
#		Dave Finnegan <dave@syncinc.com>
pxc-sapxom	2680/tcp	pxc-sapxom
pxc-sapxom	2680/udp	pxc-sapxom
#		Hideki Kiriyama <kiriyama@cp10.es.xerox.com>
mpnjsomb	2681/tcp	mpnjsomb
mpnjsomb	2681/udp	mpnjsomb
#		Takenori Miyahara <miyahara@pfu.co.jp>
srsp	2682/tcp	SRSP
srsp	2682/udp	SRSP
#		Martin Eriksson <c97men@cs.umu.se>
ncdloadbalance	2683/tcp	NCDLoadBalance
ncdloadbalance	2683/udp	NCDLoadBalance
#		Tim Stevenson <tes@ncd.com>
mpnjsosv	2684/tcp	mpnjsosv
mpnjsosv	2684/udp	mpnjsosv
mpnjsocl	2685/tcp	mpnjsocl
mpnjsocl	2685/udp	mpnjsocl
mpnjsomg	2686/tcp	mpnjsomg
mpnjsomg	2686/udp	mpnjsomg
#		Takenori Miyahara <miyahara@pfu.co.jp>
pq-lic-mgmt	2687/tcp	pq-lic-mgmt
pq-lic-mgmt	2687/udp	pq-lic-mgmt
#		Bob Sledge <bob@pqsystems.com>
md-cg-http	2688/tcp	md-cf-http
md-cg-http	2688/udp	md-cf-http
#		Lyndon Nerenberg <lyndon@execmail.ca>
fastlynx	2689/tcp	FastLynx
fastlynx	2689/udp	FastLynx
#		Dave Sewell <dave@sewelld.com>
hp-nnm-data	2690/tcp	HP NNM Embedded Database
hp-nnm-data	2690/udp	HP NNM Embedded Database
#		Chris Das <cdas@cnd.hp.com>
itinternet	2691/tcp	ITInternet ISM Server
itinternet	2691/udp	ITInternet ISM Server
#		Ron Ehli <ron@itinternet.net>
admins-lms	2692/tcp	Admins LMS

admins-lms	2692/udp	Admins LMS
#		Dagfinn Saether <Dagfinn@admins.com>
belarc-http	2693/tcp	belarc-http
belarc-http	2693/udp	belarc-http
#		Gary Newman <gnewman@belarc.com>
pwrsevent	2694/tcp	pwrsevent
pwrsevent	2694/udp	pwrsevent
#		Yoshinobu Nakamura
#		<nakamura@np.lps.cs.fujitsu.co.jp>
vspread	2695/tcp	VSPREAD
vspread	2695/udp	VSPREAD
#		Sumitake kobayashi
#		<kobayashi@np.lps.cs.fujitsu.co.jp>
unifyadmin	2696/tcp	Unify Admin
unifyadmin	2696/udp	Unify Admin
#		David Benham <dcb@uity.com>
oce-snmp-trap	2697/tcp	Oce SNMP Trap Port
oce-snmp-trap	2697/udp	Oce SNMP Trap Port
#		Peter Teeuwen <ptee@oce.nl>
mck-ivpip	2698/tcp	MCK-IVPIP
mck-ivpip	2698/udp	MCK-IVPIP
#		Robert Vincent <bert@mck.com>
csoft-plusclnt	2699/tcp	Csoft Plus Client
csoft-plusclnt	2699/udp	Csoft Plus Client
#		Nedelcho Stanev <nstanev@csoft.bg>
tqdata	2700/tcp	tqdata
tqdata	2700/udp	tqdata
#		Al Guetzlaff <aeg@teamquest.com>
sms-rcinfo	2701/tcp	SMS RCINFO
sms-rcinfo	2701/udp	SMS RCINFO
sms-xfer	2702/tcp	SMS XFER
sms-xfer	2702/udp	SMS XFER
sms-chat	2703/tcp	SMS CHAT
sms-chat	2703/udp	SMS CHAT
sms-remctrl	2704/tcp	SMS REMCTRL
sms-remctrl	2704/udp	SMS REMCTRL
#		Tom Friend <tomfr@microsoft.com>
sds-admin	2705/tcp	SDS Admin
sds-admin	2705/udp	SDS Admin
#		Don Traub <don.traub@sun.com>
ncdmirroring	2706/tcp	NCD Mirroring
ncdmirroring	2706/udp	NCD Mirroring
#		Tim Stevenson <tes@ncd.com>
emcsymapiport	2707/tcp	EMCSYMAPIPORT
emcsymapiport	2707/udp	EMCSYMAPIPORT
#		Bruce Ferjulian <ferjulian_bruce@emc.com>
banyan-net	2708/tcp	Banyan-Net
banyan-net	2708/udp	Banyan-Net
#		R. Thirumurthy <rtm@banyannetworks.com>
supermon	2709/tcp	Supermon
supermon	2709/udp	Supermon
#		Ron Minnich <rminnich@acl.lanl.gov>
sso-service	2710/tcp	SSO Service
sso-service	2710/udp	SSO Service
sso-control	2711/tcp	SSO Control
sso-control	2711/udp	SSO Control
#		Martin Proulx <mproulx@okiok.com>
aocp	2712/tcp	Axapta Object Communication Protocol
aocp	2712/udp	Axapta Object Communication Protocol
#		Jakob Steen Hansen <jsh@dk.damgaard.com>
raven1	2713/tcp	Raven1
raven1	2713/udp	Raven1
raven2	2714/tcp	Raven2
raven2	2714/udp	Raven2

#		Daniel Sorlov <Daniel@sorlov.com>
hpstgmgr2	2715/tcp	HPSTGMGR2
hpstgmgr2	2715/udp	HPSTGMGR2
#		Kevin Collins <kevinc@cnd.hp.com>
inova-ip-disco	2716/tcp	Inova IP Disco
inova-ip-disco	2716/udp	Inova IP Disco
#		Chris Koeritz <ckoeritz@inovacorp.com>
pn-requester	2717/tcp	PN REQUESTER
pn-requester	2717/udp	PN REQUESTER
pn-requester2	2718/tcp	PN REQUESTER 2
pn-requester2	2718/udp	PN REQUESTER 2
#		Edmund Chang <Edmund_Chang@bmc.com>
scan-change	2719/tcp	Scan & Change
scan-change	2719/udp	Scan & Change
#		Alexander Raji <araji@lucent.com>
wkars	2720/tcp	wkars
wkars	2720/udp	wkars
#		Barry Shelton <bshelton@wirelessknowledge.com>
smart-diagnose	2721/tcp	Smart Diagnose
smart-diagnose	2721/udp	Smart Diagnose
#		Geoffrey Meek <geoff@meek.com>
proactivesrvr	2722/tcp	Proactive Server
proactivesrvr	2722/udp	Proactive Server
#		Dalit Naor <dalit@il.ibm.com>
watchdognt	2723/tcp	WatchDog NT
watchdognt	2723/udp	WatchDog NT
#		Glen Sansoucie <glens@llmwin.com>
gotps	2724/tcp	gotps
gotps	2724/udp	gotps
#		Piotr Parlewicz <pparlewicz@queryobject.com>
msolap-ptp2	2725/tcp	MSOLAP PTP2
msolap-ptp2	2725/udp	MSOLAP PTP2
#		Christian Petculescu <crisp@microsoft.com>
tams	2726/tcp	TAMS
tams	2726/udp	TAMS
#		David Leinbach <dleinbach@jti.bc.ca>
mgcp-callagent	2727/tcp	Media Gateway Control Protocol Call Agent
mgcp-callagent	2727/udp	Media Gateway Control Protocol Call Agent
#		Christian Huitema <huitema@research.telcordia.com>
sqdr	2728/tcp	SQDR
sqdr	2728/udp	SQDR
#		Matthew Orzen <standards@starquest.com>
tcim-control	2729/tcp	TCIM Control
tcim-control	2729/udp	TCIM Control
#		Dean Skelton <mdukel@ftw.rsc.raytheon.com>
nec-raidplus	2730/tcp	NEC RaidPlus
nec-raidplus	2730/udp	NEC RaidPlus
#		Yusuke Asai <yasai@nwl.file.fc.nec.co.jp>
fyre-messenger	2731/tcp	Fyre Messenger
fyre-messenger	2731/udp	Fyre Messagner
#		Robert Waters <bobtek@hotmail.com>
g5m	2732/tcp	G5M
g5m	2732/udp	G5M
#		Graham Klyne <GK@ACM.ORG>
signet-ctf	2733/tcp	Signet CTF
signet-ctf	2733/udp	Signet CTF
#		Greg Broiles <greg@sac.net>
ccs-software	2734/tcp	CCS Software
ccs-software	2734/udp	CCS Software
#		Bertus Jacobs <bertus@ccs-software.co.za>
netiq-mc	2735/tcp	NetIQ Monitor Console
netiq-mc	2735/udp	NetIQ Monitor Console
#		Scott Southard <scott.southard@netiq.com>
radwiz-nms-srv	2736/tcp	RADWIZ NMS SRV

radwiz-nms-srv	2736/udp	RADWIZ NMS SRV
#		Israel Shainert <israels@209.88.177.2>
srp-feedback	2737/tcp	SRP Feedback
srp-feedback	2737/udp	SRP Feedback
#		Werner Almesberger <Werner.Almesberger@epfl.ch>
ndl-tcp-ois-gw	2738/tcp	NDL TCP-OSI Gateway
ndl-tcp-ois-gw	2738/udp	NDL TCP-OSI Gateway
#		Martin Norman <martin@ndl.co.uk>
tn-timing	2739/tcp	TN Timing
tn-timing	2739/udp	TN Timing
#		Paul Roberts <PaulRoberts@engineer.com>
alarm	2740/tcp	Alarm
alarm	2740/udp	Alarm
#		Uriy Makasjuk <racer@bfpg.ru>
tsb	2741/tcp	TSB
tsb	2741/udp	TSB
tsb2	2742/tcp	TSB2
tsb2	2742/udp	TSB2
#		Ashish Chatterjee
#		<achatterjee@freeway.proxy.lucent.com>
murx	2743/tcp	murx
murx	2743/udp	murx
#		Thomas Kuiper <engerim@dachbu.de>
honyaku	2744/tcp	honyaku
honyaku	2744/udp	honyaku
#		Yasunari Yamashita <yamasita@omronsoft.co.jp>
urbisnet	2745/tcp	URBISNET
urbisnet	2745/udp	URBISNET
#		Urbis.Net Ltd <postmaster@urbis.net>
cpudpencap	2746/tcp	CPUDPENCAP
cpudpencap	2746/udp	CPUDPENCAP
#		Tamir Zegman <zegman@checkpoint.com>
fjippol-swrly	2747/tcp	
fjippol-swrly	2747/udp	
fjippol-polsvr	2748/tcp	
fjippol-polsvr	2748/udp	
fjippol-cnsl	2749/tcp	
fjippol-cnsl	2749/udp	
fjippol-port1	2750/tcp	
fjippol-port1	2750/udp	
fjippol-port2	2751/tcp	
fjippol-port2	2751/udp	
#		Shoichi Tachibana <tatibana@yk.fujitsu.co.jp>
rsisysaccess	2752/tcp	RSISYS ACCESS
rsisysaccess	2752/udp	RSISYS ACCESS
#		Christophe Besant
de-spot	2753/tcp	de-spot
de-spot	2753/udp	de-spot
#		Sanjay Parekh <spot@digitalenvoy.net>
apollo-cc	2754/tcp	APOLLO CC
apollo-cc	2754/udp	APOLLO CC
#		Brand Communications <donovan@brandcomms.com>
expresspay	2755/tcp	Express Pay
expresspay	2755/udp	Express Pay
#		Ben Higgins <bhiggins@netcom.ca>
simplement-tie	2756/tcp	simplement-tie
simplement-tie	2756/udp	simplement-tie
#		Tzvika Chumash <tzvikac@netvision.net.il>
cnrp	2757/tcp	CNRP
cnrp	2757/udp	CNRP
#		Jacob Ulmert <Jacob.Ulmert@se.abb.com>
apollo-status	2758/tcp	APOLLO Status
apollo-status	2758/udp	APOLLO Status
apollo-gms	2759/tcp	APOLLO GMS

apollo-gms	2759/udp	APOLLO GMS
#		Simon Hovell <simonh@brandcomms.com>
sabams	2760/tcp	Saba MS
sabams	2760/udp	Saba MS
#		Davoud Maha <dmaha@saba.com>
dicom-iscl	2761/tcp	DICOM ISCL
dicom-iscl	2761/udp	DICOM ISCL
dicom-tls	2762/tcp	DICOM TLS
dicom-tls	2762/udp	DICOM TLS
#		Lawrence Tarbox <ltarbox@scr.siemens.com>
desktop-dna	2763/tcp	Desktop DNA
desktop-dna	2763/udp	Desktop DNA
#		Jon Walker <jwalker@miramarsys.com>
data-insurance	2764/tcp	Data Insurance
data-insurance	2764/udp	Data Insurance
#		Brent Irwin <birwin@standard.com>
qip-audup	2765/tcp	qip-audup
qip-audup	2765/udp	qip-audup
#		Mike Morgan <mmorgan@lucent.com>
compaq-scp	2766/tcp	Compaq SCP
compaq-scp	2766/udp	Compaq SCP
#		Ferruccio Barletta <ferruccio.barletta@compaq.com>
uadtc	2767/tcp	UADTC
uadtc	2767/udp	UADTC
uacs	2768/tcp	UACS
uacs	2768/udp	UACS
#		Vishwas Lele <Vishwas_Lele@appliedis.com>
singlept-mvs	2769/tcp	Single Point MVS
singlept-mvs	2769/udp	Single Point MVS
#		Thomas Anderson <anderson@clark.net>
veronica	2770/tcp	Veronica
veronica	2770/udp	Veronica
#		Jonas Oberg <jonas@coyote.org>
vergencecm	2771/tcp	Vergence CM
vergencecm	2771/udp	Vergence CM
#		Mark Morwood <markm@sentillion.com>
auris	2772/tcp	auris
auris	2772/udp	auris
#		Francisco Saez Arance <fsaez@tid.es>
pcbakcup1	2773/tcp	PC Backup
pcbakcup1	2773/udp	PC Backup
pcbakcup2	2774/tcp	PC Backup
pcbakcup2	2774/udp	PC Backup
#		Rob Cosgrove <rob@alice.net>
smpp	2775/tcp	SMPP
smpp	2775/udp	SMPP
#		Owen Sullivan <owen.sullivan@aldiscon.ie>
ridgeway1	2776/tcp	Ridgeway Systems & Software
ridgeway1	2776/udp	Ridgeway Systems & Software
ridgeway2	2777/tcp	Ridgeway Systems & Software
ridgeway2	2777/udp	Ridgeway Systems & Software
#		Steve Read <sread@ridgeway-sys.com>
gwen-sonya	2778/tcp	Gwen-Sonya
gwen-sonya	2778/udp	Gwen-Sonya
#		Mark Hurst <mhurst@inconnect.com>
lbc-sync	2779/tcp	LBC Sync
lbc-sync	2779/udp	LBC Sync
lbc-control	2780/tcp	LBC Control
lbc-control	2780/udp	LBC Control
#		Keiji Michine <michine@net.paso.fujitsu.co.jp>
whosells	2781/tcp	whosells
whosells	2781/udp	whosells
#		William Randolph Royere III
#		<william@royere.net>

everydayrc	2782/tcp	everydayrc
everydayrc	2782/udp	everydayrc
#		Ahti Heinla <ahti@ahti.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>
mtport-regist	2791/tcp	MT Port Registrar
mtport-regist	2791/udp	MT Port Registrar
#		Maxim Tseitlin <mtseitlin@iname.com>
f5-globalsite	2792/tcp	f5-globalsite
f5-globalsite	2792/udp	f5-globalsite
#		Christian Saether <c.saether@f5.com>
initlmsad	2793/tcp	initlmsad
initlmsad	2793/udp	initlmsad
#		Kelly Green <green@compaq.com>
aaftp	2794/tcp	aaftp
aaftp	2794/udp	aaftp
#		E. Jay Berkenbilt <ejb@ql.org>
livestats	2795/tcp	LiveStats
livestats	2795/udp	LiveStats
#		Chris Greene <cgreeneOA@avidsports.com>
ac-tech	2796/tcp	ac-tech
ac-tech	2796/udp	ac-tech
#		Chiming Huang <chuang@ac-tech.com>
esp-encap	2797/tcp	esp-encap
esp-encap	2797/udp	esp-encap
#		Jorn Sierwald <joern.sierwald@datafellows.com>
tmesis-upshot	2798/tcp	TMESIS-UPShot
tmesis-upshot	2798/udp	TMESIS-UPShot
#		Brian Schenkenberger <VAXman@TMESIS.COM>
icon-discover	2799/tcp	ICON Discover
icon-discover	2799/udp	ICON Discover
#		Alexander Falk <falk@icon.at>
acc-raid	2800/tcp	ACC RAID
acc-raid	2800/udp	ACC RAID
#		Scott St. Clair <stclair@ntc.adaptec.com>
igcp	2801/tcp	IGCP
igcp	2801/udp	IGCP
#		David Hampson <davidha@codemasters.com>
veritas-tcp1	2802/tcp	Veritas TCP1
veritas-udp1	2802/udp	Veritas UDP1
#		Russ Thrasher <Russell.Thrasher@veritas.com>
btrjctrl	2803/tcp	btrjctrl

btprjctrl	2803/udp	btprjctrl
#		Huw Thomas <huw.thomas@bt.com>
telexis-vtu	2804/tcp	Telexis VTU
telexis-vtu	2804/udp	Telexis VTU
#		Todd White <twhite@telexicorp.com>
wta-wsp-s	2805/tcp	WTA WSP-S
wta-wsp-s	2805/udp	WTA WSP-S
#		Sebastien Bury (WAP Forum)
#		<sebastien.bury@art.alcatel.fr>
cspuni	2806/tcp	cspuni
cspuni	2806/udp	cspuni
cspmulti	2807/tcp	cspmulti
cspmulti	2807/udp	cspmulti
#		Terumasa Yoneda <yonedat@pfu.co.jp>
j-lan-p	2808/tcp	J-LAN-P
j-lan-p	2808/udp	J-LAN-P
#		Takeshi Sahara <sahara@jdl.co.jp>
corbaloc	2809/tcp	CORBA LOC
corbaloc	2809/udp	CORBA LOC
#		Ted McFadden <mcfadden@dstc.edu.au>
netsteward	2810/tcp	Active Net Steward
netsteward	2810/udp	Active Net Steward
#		Keith Morley <keith@ndl.co.uk>
gsiftp	2811/tcp	GSI FTP
gsiftp	2811/udp	GSI FTP
#		Von Welch <vwelch@ncsa.uiuc.edu>
atmtcp	2812/tcp	atmtcp
atmtcp	2812/udp	atmtcp
#		Werner Almesberger <Werner.Almesberger@epfl.ch>
llm-pass	2813/tcp	llm-pass
llm-pass	2813/udp	llm-pass
llm-csv	2814/tcp	llm-csv
llm-csv	2814/udp	llm-csv
#		Glen Sansoucie <glen@llmwin.com>
lbc-measure	2815/tcp	LBC Measurement
lbc-measure	2815/udp	LBC Measurement
lbc-watchdog	2816/tcp	LBC Watchdog
lbc-watchdog	2816/udp	LBC Watchdog
#		Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
nmsigport	2817/tcp	NMSig Port
nmsigport	2817/udp	NMSig Port
#		Peter Egli <peter.egli@mail.inalp.com>
rmlnk	2818/tcp	rmlnk
rmlnk	2818/udp	rmlnk
fc-faultnotify	2819/tcp	FC Fault Notification
fc-faultnotify	2819/udp	FC Fault Notification
#		Dave Watkins <davew@boi.hp.com>
univision	2820/tcp	UniVision
univision	2820/udp	UniVision
#		Keith Ansell <KeithA@fastfreenet.com>
vml-dms	2821/tcp	vml_dms
vml-dms	2821/udp	vml_dms
#		Stefan Winkel <stefan@veritas.com>
ka0wuc	2822/tcp	ka0wuc
ka0wuc	2822/udp	ka0wuc
#		Kit Haskins <kit@ka0wuc.org>
cqg-netlan	2823/tcp	CQG Net/LAN
cqg-netlan	2823/udp	CQG Net/LAN
cqg-netlan-1	2824/tcp	CQG Net/LAN 1
cqg-netlan-1	2824/udp	CQG Net/Lan 1
#		Jeff Wood <jw@cqg.com>
#	2825	(unassigned) Possibly assigned
slc-systemlog	2826/tcp	slc systemlog
slc-systemlog	2826/udp	slc systemlog

slc-ctrlrloops	2827/tcp	slc ctrlrloops
slc-ctrlrloops	2827/udp	slc ctrlrloops
#		Erwin Hogeweg <erwin@airtech.demon.nl>
itm-lm	2828/tcp	ITM License Manager
itm-lm	2828/udp	ITM License Manager
#		Miles O'Neal <meo@us.itmasters.com>
silkp1	2829/tcp	silkp1
silkp1	2829/udp	silkp1
silkp2	2830/tcp	silkp2
silkp2	2830/udp	silkp2
silkp3	2831/tcp	silkp3
silkp3	2831/udp	silkp3
silkp4	2832/tcp	silkp4
silkp4	2832/udp	silkp4
#		Erik Skyten <eki@silknet.com>
glishd	2833/tcp	glishd
glishd	2833/udp	glishd
#		Darrell Schiebel <dschieb@cv.nrao.edu>
evtp	2834/tcp	EVTP
evtp	2834/udp	EVTP
evtp-data	2835/tcp	EVTP-DATA
evtp-data	2835/udp	EVTP-DATA
#		Eric Bruno <ebruno@solution-soft.com>
catalyst	2836/tcp	catalyst
catalyst	2836/udp	catalyst
#		Garret Tollkuhn <garret@multiviewgroup.com>
repliweb	2837/tcp	Repliweb
repliweb	2837/udp	Repliweb
#		William Orme <bill@repliweb.com>
starbot	2838/tcp	Starbot
starbot	2838/udp	Starbot
#		Markus Sabadello <sabadello@starbot.org>
nmsigport	2839/tcp	NMSigPort
nmsigport	2839/udp	NMSigPort
#		Peter Egli <peter.egli@mail.inalp.com>
l3-expprt	2840/tcp	l3-expprt
l3-expprt	2840/udp	l3-expprt
l3-ranger	2841/tcp	l3-ranger
l3-ranger	2841/udp	l3-ranger
l3-hawk	2842/tcp	l3-hawk
l3-hawk	2842/udp	l3-hawk
#		Dolores Scott <dolores.scott@l-3security.com>
pdnet	2843/tcp	PDnet
pdnet	2843/udp	PDnet
#		Torsten Scheffler <torsten.scheffler@apex.de>
bpcp-poll	2844/tcp	BPCP POLL
bpcp-poll	2844/udp	BPCP POLL
bpcp-trap	2845/tcp	BPCP TRAP
bpcp-trap	2845/udp	BPCP TRAP
#		Steve Van Duser
#		<steve.vanduser@bestpower.gensig.com>
aimpp-hello	2846/tcp	AIMPP Hello
aimpp-hello	2846/udp	AIMPP Hello
aimpp-port-req	2847/tcp	AIMPP Port Req
aimpp-port-req	2847/udp	AIMPP Port Req
#		Brian Martinicky
#		<Brian_Martinicky@automationintelligence.com>
amt-blc-port	2848/tcp	AMT-BLC-PORT
amt-blc-port	2848/udp	AMT-BLC-PORT
#		Sandra Frulloni <frulloni.amtec@interbusiness.it>
fxp	2849/tcp	FXP
fxp	2849/udp	FXP
#		Martin Lichtin <lichtin@oanda.com>
metaconsole	2850/tcp	MetaConsole

metaconsole	2850/udp	MetaConsole
#		Rakesh Mahajan <rmahajan@netaphor-software.com>
webemshttp	2851/tcp	webemshttp
webemshttp	2851/udp	webemshttp
#		Stephen Tsun <stsun@jetstream.com>
bears-01	2852/tcp	bears-01
bears-01	2852/udp	bears-01
#		Bruce McKinnon <brucemck@bears.aust.com>
ispipes	2853/tcp	ISIPipes
ispipes	2853/udp	ISIPipes
#		Rajesh Nandyalam <rnandyal@emc.com>
infomover	2854/tcp	InfoMover
infomover	2854/udp	InfoMover
#		Carla Caputo <caputo@emc.com>
cesdinv	2856/tcp	cesdinv
cesdinv	2856/udp	cesdinv
#		Yoshiaki Tokumoto <toku@pfu.co.jp>
simctlp	2857/tcp	SimCtIP
simctlp	2857/udp	SimCtIP
#		Christian Zietz <czietz@gmx.net>
ecnp	2858/tcp	ECNP
ecnp	2858/udp	ECNP
#		Robert Reimiller <bob@certsoft.com>
activememory	2859/tcp	Active Memory
activememory	2859/udp	Active Memory
#		Joe Graham <joe@edaconsulting.com>
dialpad-voice1	2860/tcp	Dialpad Voice 1
dialpad-voice1	2860/udp	Dialpad Voice 1
dialpad-voice2	2861/tcp	Dialpad Voice 2
dialpad-voice2	2861/udp	Dialpad Voice 2
#		Wongyu Cho <wgcho@dialpad.com>
ttg-protocol	2862/tcp	TTG Protocol
ttg-protocol	2862/udp	TTG Protocol
#		Mark Boler <markb@ttgsoftware.com>
sonardata	2863/tcp	Sonar Data
sonardata	2863/udp	Sonar Data
#		Ian Higginbottom <sonardata@sonardata.com>
astromed-main	2864/tcp	main 5001 cmd
astromed-main	2864/udp	main 5001 cmd
#		Chris Tate <ctate@astromed.com>
pit-vpn	2865/tcp	pit-vpn
pit-vpn	2865/udp	pit-vpn
#		Norbert Sendetzky <norbert@linuxnetworks.de>
iwlistener	2866/tcp	iwlistener
iwlistener	2866/udp	iwlistener
#		Fred Surr <quest_iana@oz.quest.com>
esps-portal	2867/tcp	esps-portal
esps-portal	2867/udp	esps-portal
#		Nicholas Stowfis <nstowfis@esps.com>
npep-messaging	2868/tcp	NPEP Messaging
npep-messaging	2868/udp	NPEP Messaging
#		Kristian A. Bognaes <kbo@norman.no>
icslap	2869/tcp	ICSLAP
icslap	2869/udp	ICSLAP
#		Richard Lamb <rlamb@microsoft.com>
daishi	2870/tcp	daishi
daishi	2870/udp	daishi
#		Patrick Chipman <pchipman@memphis.edu>
msi-selectplay	2871/tcp	MSI Select Play
msi-selectplay	2871/udp	MSI Select Play
#		Paul Fonte <paul_fonte@mediastation.com>
radix	2872/tcp	RADIX
radix	2872/udp	RADIX
#		Stein Roger Skaflothen

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# <sskafлот@online.no>
paspar2-zoomin 2873/tcp PASPAR2 ZoomIn
paspar2-zoomin 2873/udp PASPAR2 ZoomIn
# Amonn David <amnon@paspar2.com>
dxmessagebase1 2874/tcp dxmessagebase1
dxmessagebase1 2874/udp dxmessagebase1
dxmessagebase2 2875/tcp dxmessagebase2
dxmessagebase2 2875/udp dxmessagebase2
# Ozz Nixon <root@delphix.com>
sps-tunnel 2876/tcp SPS Tunnel
sps-tunnel 2876/udp SPS Tunnel
# Bill McIntosh <bmcintosh@fortresstech.com>
bluelance 2877/tcp BLUELANCE
bluelance 2877/udp BLUELANCE
# Michael Padrezas <mpaderzas@bluelance.com>
aap 2878/tcp AAP
aap 2878/udp AAP
# Stephen Hanna <steve.hanna@sun.com>
ucentric-ds 2879/tcp ucentric-ds
ucentric-ds 2879/udp ucentric-ds
# Alex Vasilevsky <alexv@204.165.216.115>
synapse 2880/tcp synapse
synapse 2880/udp synapse
# Ali Fracyon <mdf@bix.com>
ndsp 2881/tcp NDSP
ndsp 2881/udp NDSP
ndtp 2882/tcp NDTP
ndtp 2882/udp NDTP
ndnp 2883/tcp NDNP
ndnp 2883/udp NDNP
# Khelben Blackstaff <khelben@gmx.at>
flashmsg 2884/tcp Flash Msg
flashmsg 2884/udp Flash Msg
# Jeffrey Zinkerman <jeff@zinknet.com>
topflow 2885/tcp TopFlow
topflow 2885/udp TopFlow
# Ted Ross <ross@toplayer.com>
responselogic 2886/tcp RESPONSELOGIC
responselogic 2886/udp RESPONSELOGIC
# Bruce Casey <bcasey@responselogic.com>
aironetddp 2887/tcp aironet
aironetddp 2887/udp aironet
# Victor Griswold <vgris@aironet.com>
spcsdlobby 2888/tcp SPCSDLOBBY
spcsdlobby 2888/udp SPCSDLOBBY
# Matthew Williams <SPCsd_MWDD@hotmail.com>
rsom 2889/tcp RSOM
rsom 2889/udp RSOM
# Justine Higgins <iana@corsof.com>
cspclmulti 2890/tcp CSPCLMULTI
cspclmulti 2890/udp CSPCLMULTI
# Yoneda Terumasa <yonedat@pfu.co.jp>
cinegrfx-elmd 2891/tcp CINEGRFX-ELMD License Manager
cinegrfx-elmd 2891/udp CINEGRFX-ELMD License Manager
# Greg Ercolano <erco@cinegrfx.com>
snifferdata 2892/tcp SNIFFERDATA
snifferdata 2892/udp SNIFFERDATA
# Jeff Mangasarian <jeffrey_mangasarian@nai.com>
vseconnector 2893/tcp VSECONNECTOR
vseconnector 2893/udp VSECONNECTOR
# Ingo Franzki <ifranzki@de.ibm.com>
abacus-remote 2894/tcp ABACUS-REMOTE
abacus-remote 2894/udp ABACUS-REMOTE
# Mike Bello <mbello@zarak.com>

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natuslink	2895/tcp	NATUS LINK
natuslink	2895/udp	NATUS LINK
#		Jonathan Mergy <mergy@natus.com>
ecovisiong6-1	2896/tcp	ECOVISIONG6-1
ecovisiong6-1	2896/udp	ECOVISIONG6-1
#		Henrik Holst <henrik.holst@ecovision.se>
citrix-rtmp	2897/tcp	Citrix RTMP
citrix-rtmp	2897/udp	Citrix RTMP
#		Myk Willis <myk.willis@citrix.com>
appliance-cfg	2898/tcp	APPLIANCE-CFG
appliance-cfg	2898/udp	APPLIANCE-CFG
#		Gary A. James <gary.james@criticallink.com>
powergemplus	2899/tcp	POWERGEMPLUS
powergemplus	2899/udp	POWERGEMPLUS
#		Koich Nakamura <naka@case.nm.fujitsu.co.jp>
quicksuite	2900/tcp	QUICKSUITE
quicksuite	2900/udp	QUICKSUITE
#		William Egge <begge@emagisoft.com>
allstorcnscns	2901/tcp	ALLSTORCNCS
allstorcnscns	2901/udp	ALLSTORCNCS
#		Steve Dobson <sdobson@allstor.com>
netaspi	2902/tcp	NET ASPI
netaspi	2902/udp	NET ASPI
#		Johnson Luo <johnson_luo@mail.sercomm.com.tw>
suitcase	2903/tcp	SUITCASE
suitcase	2903/udp	SUITCASE
#		Milton E. Sagen <msagen@extensis.com>
m2ua	2904/tcp	M2UA
m2ua	2904/udp	M2UA
m2ua	2904/sctp	M2UA
#		Lyndon Ong <LyOng@ciena.com>
m3ua	2905/tcp	M3UA
m3ua	2905/udp	De-registered (2001 June 07)
m3ua	2905/sctp	M3UA
#		Lyndon Ong <LyOng@ciena.com>
caller9	2906/tcp	CALLER9
caller9	2906/udp	CALLER9
#		Shams Naqi <SSNAQVI@aol.com>
webmethods-b2b	2907/tcp	WEBMETHODS B2B
webmethods-b2b	2907/udp	WEBMETHODS B2B
#		Joseph Hines <jhines@webmethods.com>
mao	2908/tcp	mao
mao	2908/udp	mao
#		Marc Baudoin <babafou@babafou.eu.org>
funk-dialout	2909/tcp	Funk Dialout
funk-dialout	2909/udp	Funk Dialout
#		Cimarron Boozer <cboozer@funk.com>
tdaccess	2910/tcp	TDAccess
tdaccess	2910/udp	TDAccess
#		Tom Haapanen <tomh@metrics.com>
blockade	2911/tcp	Blockade
blockade	2911/udp	Blockade
#		Konstantin Iavid <kj@interlog.com>
epicon	2912/tcp	Epicon
epicon	2912/udp	Epicon
#		Michael Khalandovsky <mlk@epicon.com>
boosterware	2913/tcp	Booster Ware
boosterware	2913/udp	Booster Ware
#		Ido Ben-David <dgntcom@netvision.net.il>
gamelobby	2914/tcp	Game Lobby
gamelobby	2914/udp	Game Lobby
#		Paul Ford-Hutchinson <pfh@dial.pipex.com>
tksocket	2915/tcp	TK Socket
tksocket	2915/udp	TK Socket

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#                               Alan Fahrner <alan@protix.com>
elvin_server      2916/tcp      Elvin Server
elvin_server      2916/udp      Elvin Server
elvin_client      2917/tcp      Elvin Client
elvin_client      2917/udp      Elvin Client
#                               David Arnold <davida@pobox.com>
kastenchasepad    2918/tcp      Kasten Chase Pad
kastenchasepad    2918/udp      Kasten Chase Pad
#                               Marc Gauthier <mgau@kastenchase.com>
roboer            2919/tcp      ROBOER
roboer            2919/udp      ROBOER
#                               Paul Snook <paul.snook@heroix.co.uk>
roboeda           2920/tcp      ROBOEDA
roboeda           2920/udp      ROBOEDA
#                               Paul Snook <paul.snook@heroix.co.uk>
cesdcdman         2921/tcp      CESD Contents Delivery Management
cesdcdman         2921/udp      CESD Contents Delivery Management
#                               Shinya Abe <abeabe@pfu.co.jp>
cesdcdtrn         2922/tcp      CESD Contents Delivery Data Transfer
cesdcdtrn         2922/udp      CESD Contents Delivery Data Transfer
#                               Shinya Abe <abeabe@pfu.co.jp>
wta-wsp-wtp-s     2923/tcp      WTA-WSP-WTP-S
wta-wsp-wtp-s     2923/udp      WTA-WSP-WTP-S
#                               Sebastien Bury (WAP Forum)
#                               <sebastien.bury@art.alcatel.fr>
precise-vip       2924/tcp      PRECISE-VIP
precise-vip       2924/udp      PRECISE-VIP
#                               Michael Landwehr <mikel@precisesoft.co.il>
#                               2925
#                               Unassigned (FRP-Released 12/7/00)
mobile-file-dl    2926/tcp      MOBILE-FILE-DL
mobile-file-dl    2926/udp      MOBILE-FILE-DL
#                               Mitsuji Toda <toda@mmedia.mci.mei.co.jp>
unimobilectrl    2927/tcp      UNIMOBILECTRL
unimobilectrl    2927/udp      UNIMOBILECTRL
#                               Vikas <vikas@graycell.com>
redstone-cpss     2928/tcp      REDSTONE-CPSS
redstone-cpss     2928/udp      REDSTONE-CPSS
#                               Jeff Looman <jeff@looman.org>
panja-webadmin    2929/tcp      PANJA-WEBADMIN
panja-webadmin    2929/udp      PANJA-WEBADMIN
#                               Srik Subramanian <Srik.Subramanian@panja.com>
panja-weblinx     2930/tcp      PANJA-WEBLINX
panja-weblinx     2930/udp      PANJA-WEBLINX
#                               Srik Subramanian <Srik.Subramanian@panja.com>
circle-x          2931/tcp      Circle-X
circle-x          2931/udp      Circle-X
#                               Norm Freedman <normfree@worldnet.att.net>
incp              2932/tcp      INCP
incp              2932/udp      INCP
#                               Keith Paulsen <kpaulsen@phobos.com>
4-tieropmgw       2933/tcp      4-TIER OPM GW
4-tieropmgw       2933/udp      4-TIER OPM GW
#                               Francois Peloffy <fpeloffy@4tier.com>
4-tieropmcli      2934/tcp      4-TIER OPM CLI
4-tieropmcli      2934/udp      4-TIER OPM CLI
#                               Francois Peloffy <fpeloffy@4tier.com>
qtp               2935/tcp      QTP
qtp               2935/udp      QTP
#                               Cameron Young <Cameron_Young@inetco.com>
otpatch           2936/tcp      OTPatch
otpatch           2936/udp      OTPatch
#                               Thomas J. Theobald <ttheobald@opentable.com>
pnaconsult-lm     2937/tcp      PNACONSULT-LM
pnaconsult-lm     2937/udp      PNACONSULT-LM

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#		Theo Nijssen <theon@nijssen.nl>
sm-pas-1	2938/tcp	SM-PAS-1
sm-pas-1	2938/udp	SM-PAS-1
sm-pas-2	2939/tcp	SM-PAS-2
sm-pas-2	2939/udp	SM-PAS-2
sm-pas-3	2940/tcp	SM-PAS-3
sm-pas-3	2940/udp	SM-PAS-3
sm-pas-4	2941/tcp	SM-PAS-4
sm-pas-4	2941/udp	SM-PAS-4
sm-pas-5	2942/tcp	SM-PAS-5
sm-pas-5	2942/udp	SM-PAS-5
#		Tom Haapanen <tomh@metrics.com>
ttnrepository	2943/tcp	TTNRepository
ttnrepository	2943/udp	TTNRepository
#		Robert Orr <rorr@teltone.com>
megaco-h248	2944/tcp	Megaco H-248
megaco-h248	2944/udp	Megaco H-248
h248-binary	2945/tcp	H248 Binary
h248-binary	2945/udp	H248 Binary
#		Tom Taylor <taylor@nortelnetworks.com>
fjsvmpor	2946/tcp	FJSVmpor
fjsvmpor	2946/udp	FJSVmpor
#		Naoki Hayashi <ha@fjh.se.fujitsu.co.jp>
gpsd	2947/tcp	GPSD
gpsd	2947/udp	GPSD
#		Derrick J. Brashear <shadow@dementia.org>
wap-push	2948/tcp	WAP PUSH
wap-push	2948/udp	WAP PUSH
wap-pushsecure	2949/tcp	WAP PUSH SECURE
wap-pushsecure	2949/udp	WAP PUSH SECURE
#		WAP FORUM <wap-feedback@mail.wapforum.org>
esip	2950/tcp	ESIP
esip	2950/udp	ESIP
#		David Stephenson <david_stephenson@hp.com>
ottp	2951/tcp	OTTP
ottp	2951/udp	OTTP
#		Brent Foster <brent.foster@onstreamsystems.com>
mpfwsas	2952/tcp	MPFWSAS
mpfwsas	2952/udp	MPFWSAS
#		Toru Murai <murai@saint.nm.fujitsu.co.jp>
ovalarmsrv	2953/tcp	OVALARMSRV
ovalarmsrv	2953/udp	OVALARMSRV
ovalarmsrv-cmd	2954/tcp	OVALARMSRV-CMD
ovalarmsrv-cmd	2954/udp	OVALARMSRV-CMD
#		Eric Pulsipher <eric_pulsipher@hp.com>
csnotify	2955/tcp	CSNOTIFY
csnotify	2955/udp	CSNOTIFY
#		Israel Beniaminy <israel.beniaminy@clickservice.com>
ovrimosdbman	2956/tcp	OVRIMOSDBMAN
ovrimosdbman	2956/udp	OVRIMOSDBMAN
#		Dimitrios Souflis <dsouflis@altera.gr>
jmact5	2957/tcp	JAMCT5
jmact5	2957/udp	JAMCT5
jmact6	2958/tcp	JAMCT6
jmact6	2958/udp	JAMCT6
rmopagt	2959/tcp	RMOPAGT
rmopagt	2959/udp	RMOPAGT
#		Shuji Okubo <okubo@yk.fujitsu.co.jp>
dfoxserver	2960/tcp	DFOXSERVER
dfoxserver	2960/udp	DFOXSERVER
#		David Holden <mdh@rentek.net>
boldsoft-lm	2961/tcp	BOLDSOFT-LM
boldsoft-lm	2961/udp	BOLDSOFT-LM
#		Fredrik Haglund <fredrik.haglund@boldsoft.com>

iph-policy-cli	2962/tcp	IPH-POLICY-CLI
iph-policy-cli	2962/udp	IPH-POLICY-CLI
iph-policy-adm	2963/tcp	IPH-POLICY-ADM
iph-policy-adm	2963/udp	IPH-POLICY-ADM
#		Shai Herzog <herzog@iphighway.com>
bullant-srap	2964/tcp	BULLANT SRAP
bullant-srap	2964/udp	BULLANT SRAP
bullant-rap	2965/tcp	BULLANT RAP
bullant-rap	2965/udp	BULLANT RAP
#		Michael Cahill <Michael.Cahill@bullant.net>
idp-infotrieve	2966/tcp	IDP-INFOTRIEVE
idp-infotrieve	2966/udp	IDP-INFOTRIEVE
#		Kevin Bruckert <kbruckert@idpco.com>
ssc-agent	2967/tcp	SSC-AGENT
ssc-agent	2967/udp	SSC-AGENT
#		George Dzieciol <gdzieciol@symantec.com>
enpp	2968/tcp	ENPP
enpp	2968/udp	ENPP
#		Kazuhito Gassho <Gassho.Kasuhito@exc.epson.co.jp>
essp	2969/tcp	ESSP
essp	2969/udp	ESSP
#		Hitoshi Ishida <ishida.hitoshi@exc.epson.co.jp>
index-net	2970/tcp	INDEX-NET
index-net	2970/udp	INDEX-NET
#		Chris J. Wren <C.Wren@lucent.com>
netclip	2971/tcp	Net Clip
netclip	2971/udp	Net Clip
#		Rudi Chiarito <chiarito@cli.di.unipi.it>
pmsm-webrctl	2972/tcp	PMSM Webrctl
pmsm-webrctl	2972/udp	PMSM Webrctl
#		Markus Michels <mmi@pmsmicado.com>
svnetworks	2973/tcp	SV Networks
svnetworks	2973/udp	SV Networks
#		Sylvia Siu <ssiu@svnetworks.com>
signal	2974/tcp	Signal
signal	2974/udp	Signal
#		Wyatt Williams <wyattw@icall.com>
fjmpcm	2975/tcp	Fujitsu Configuration Management Service
fjmpcm	2975/udp	Fujitsu Configuration Management Service
#		Hiroki Kawano <kawano@saint.nm.fujitsu.co.jp>
cns-srv-port	2976/tcp	CNS Server Port
cns-srv-port	2976/udp	CNS Server Port
#		Ram Golla <rgolla@cisco.com>
ttc-etap-ns	2977/tcp	TTCs Enterprise Test Access Protocol - NS
ttc-etap-ns	2977/udp	TTCs Enterprise Test Access Protocol - NS
ttc-etap-ds	2978/tcp	TTCs Enterprise Test Access Protocol - DS
ttc-etap-ds	2978/udp	TTCs Enterprise Test Access Protocol - DS
#		Daniel Becker <beckerd@ttc.com>
h263-video	2979/tcp	H.263 Video Streaming
h263-video	2979/udp	H.263 Video Streaming
#		Jauvane C. de Oliveira <jauvane@acm.org>
wimd	2980/tcp	Instant Messaging Service
wimd	2980/udp	Instant Messaging Service
#		Kevin Birch <kbirch@pobox.com>
mylxamport	2981/tcp	MYLXAMPORT
mylxamport	2981/udp	MYLXAMPORT
#		Wei Gao <wei@mylex.com>
iwb-whiteboard	2982/tcp	IWB-WHITEBOARD
iwb-whiteboard	2982/udp	IWB-WHITEBOARD
#		David W. Radcliffe <davidr@adicarte.co.uk>
netplan	2983/tcp	NETPLAN
netplan	2983/udp	NETPLAN
#		Thomas Driemeyer <thomas@bitrot.de>
hpidsadmin	2984/tcp	HPIDSADMIN

hpidsadmin	2984/udp	HPIDSADMIN
hpidsagent	2985/tcp	HPIDSAGENT
hpidsagent	2985/udp	HPIDSAGENT
#		John Trudeau <jtrudeau@cup.hp.com>
stonefalls	2986/tcp	STONEFALLS
stonefalls	2986/udp	STONEFALLS
#		Scott Grau <sgrau@stonefalls.com>
identify	2987/tcp	identify
identify	2987/udp	identify
hippad	2988/tcp	HIPPA Reporting Protocol
hippad	2988/udp	HIPPA Reporting Protocol
#		William Randolph Royere III
#		<william@royere.net>
zarkov	2989/tcp	ZARKOV
zarkov	2989/udp	ZARKOV
#		Robin Felix <devel@zarkov.com>
boscap	2990/tcp	BOSCAP
boscap	2990/udp	BOSCAP
#		Dirk Hillbrecht <dirk@hillbrecht.de>
wkstn-mon	2991/tcp	WKSTN-MON
wkstn-mon	2991/udp	WKSTN-MON
#		William David <william.david@lmco.com>
itb301	2992/tcp	ITB301
itb301	2992/udp	ITB301
#		Bodo Rueskamp <br@itchigo.com>
veritas-vis1	2993/tcp	VERITAS VIS1
veritas-vis1	2993/udp	VERITAS VIS1
veritas-vis2	2994/tcp	VERITAS VIS2
veritas-vis2	2994/udp	VERITAS VIS2
#		Dinkar Chivaluri <dinkar@veritas.com>
idrs	2995/tcp	IDRS
idrs	2995/udp	IDRS
#		Jeff Eaton <jeaton@intermec.com>
vsixml	2996/tcp	vsixml
vsixml	2996/udp	vsixml
#		Rob Juergens <robj@vsi.com>
rebol	2997/tcp	REBOL
rebol	2997/udp	REBOL
#		Holger Kruse <holger@rebol.net>
realsecure	2998/tcp	Real Secure
realsecure	2998/udp	Real Secure
#		Tim Farley <TFarley@iss.net>
remoteware-un	2999/tcp	RemoteWare Unassigned
remoteware-un	2999/udp	RemoteWare Unassigned
#		Tim Farley <Tim.Farley@xcellenet.com>
hbc	3000/tcp	HBCI
hbc	3000/udp	HBCI
#		Kurt Haubner <haubner@ibm.net>
#		The following entry records an unassigned but widespread use
remoteware-cl	3000/tcp	RemoteWare Client
remoteware-cl	3000/udp	RemoteWare Client
#		Tim Farley <Tim.Farley@xcellenet.com>
redwood-broker	3001/tcp	Redwood Broker
redwood-broker	3001/udp	Redwood Broker
#		Joseph Morrison <joe@powerframe.com>
exlm-agent	3002/tcp	EXLM Agent
exlm-agent	3002/udp	EXLM Agent
#		Randy Martin <exlmoc@clemson.edu>
#		The following entry records an unassigned but widespread use
remoteware-srv	3002/tcp	RemoteWare Server
remoteware-srv	3002/udp	RemoteWare Server
#		Tim Farley <Tim.Farley@xcellenet.com>
cgms	3003/tcp	CGMS
cgms	3003/udp	CGMS

#		Jim Mazzonna <jmazzonna@tiscom.uscg.mil>
csoftagent	3004/tcp	Csoft Agent
csoftagent	3004/udp	Csoft Agent
#		Nedelcho Stanev <decho@csoft.bg>
geniuslm	3005/tcp	Genius License Manager
geniuslm	3005/udp	Genius License Manager
#		Jakob Spies <Jakob.Spies@genius.de>
ii-admin	3006/tcp	Instant Internet Admin
ii-admin	3006/udp	Instant Internet Admin
#		Lewis Donzis <ldonzis@nortelnetworks.com>
lotusmtap	3007/tcp	Lotus Mail Tracking Agent Protocol
lotusmtap	3007/udp	Lotus Mail Tracking Agent Protocol
#		Ken Lin <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@cpl0.es.xerox.com>
gw	3010/tcp	Telerate Workstation
ping-pong	3010/udp	Telerate Workstation
#		Timo Sivonen <timo.sivonen@ccmail.dowjones.com>
trusted-web	3011/tcp	Trusted Web
trusted-web	3011/udp	Trusted Web
twsdss	3012/tcp	Trusted Web Client
twsdss	3012/udp	Trusted Web Client
#		Alex Duncan <alex.duncan@sse.ie>
gilatskysurfer	3013/tcp	Gilat Sky Surfer
gilatskysurfer	3013/udp	Gilat Sky Surfer
#		Yossi Gal <yossi@gilat.com>
broker_service	3014/tcp	Broker Service
broker_service	3014/udp	Broker Service
#		Dale Bethers <dbethers@novell.com>
nati-dstp	3015/tcp	NATI DSTP
nati-dstp	3015/udp	NATI DSTP
#		Paul Austin <paul.austin@natinst.com>
notify_srvr	3016/tcp	Notify Server
notify_srvr	3016/udp	Notify Server
#		Hugo Parra <hparra@novell.com>
event_listener	3017/tcp	Event Listener
event_listener	3017/udp	Event Listener
#		Ted Tronson <ttronson@novell.com>
srvc_registry	3018/tcp	Service Registry
srvc_registry	3018/udp	Service Registry
#		Mark Killgore <MKillgore@novell.com>
resource_mgr	3019/tcp	Resource Manager
resource_mgr	3019/udp	Resource Manager
#		Gary Glover <gglover@novell.com>
cifs	3020/tcp	CIFS
cifs	3020/udp	CIFS
#		Paul Leach <paulle@microsoft.com>
agriserver	3021/tcp	AGRI Server
agriserver	3021/udp	AGRI Server
#		Frank Neulichedl <frank@websmile.com>
csregagent	3022/tcp	CSREGAGENT
csregagent	3022/udp	CSREGAGENT
#		Nedelcho Stanev <nstanev@csoft.bg>
magicnotes	3023/tcp	magicnotes
magicnotes	3023/udp	magicnotes
#		Karl Edwall <karl@magicnotes.com>
nds_sso	3024/tcp	NDS_SSO
nds_sso	3024/udp	NDS_SSO
#		Mel Oyler <mel@novell.com>
arepa-raft	3025/tcp	Arepa Raft

arepa-raft	3025/udp	Arepa Raft
#		Mark Ellison <ellison@ieee.org>
agri-gateway	3026/tcp	AGRI Gateway
agri-gateway	3026/udp	AGRI Gateway
#		Agri Datalog <contact@agri-datalog.com>
LiebDevMgmt_C	3027/tcp	LiebDevMgmt_C
LiebDevMgmt_C	3027/udp	LiebDevMgmt_C
LiebDevMgmt_DM	3028/tcp	LiebDevMgmt_DM
LiebDevMgmt_DM	3028/udp	LiebDevMgmt_DM
LiebDevMgmt_A	3029/tcp	LiebDevMgmt_A
LiebDevMgmt_A	3029/udp	LiebDevMgmt_A
#		Mike Velten <Mike_Velten@Liebert.com>
arepa-cas	3030/tcp	Arepa Cas
arepa-cas	3030/udp	Arepa Cas
#		Seth Silverman <seth@arepa.com>
eppc	3031/tcp	Remote AppleEvents/PPC Toolbox
eppc	3031/udp	Remote AppleEvents/PPC Toolbox
#		Steve Zellers <zellers@apple.com>
redwood-chat	3032/tcp	Redwood Chat
redwood-chat	3032/udp	Redwood Chat
#		Songwon Chi <swchi@daou.co.kr>
pdb	3033/tcp	PDB
pdb	3033/udp	PDB
#		Don Bowman <don@pixstream.com>
osmosis-aeaa	3034/tcp	Osmosis AEEA
osmosis-aeaa	3034/udp	Osmosis AEEA
#		Larry Atkin <latkin@interaccess.com>
fjsv-gssagt	3035/tcp	FJSV gssagt
fjsv-gssagt	3035/udp	FJSV gssagt
#		Tomoji Koike <koike@ael.fujitsu.co.jp>
hagel-dump	3036/tcp	Hagel DUMP
hagel-dump	3036/udp	Hagel DUMP
#		Haim Gelfenbeyn <haim@hageltech.com>
hp-san-mgmt	3037/tcp	HP SAN Mgmt
hp-san-mgmt	3037/udp	HP SAN Mgmt
#		Steve Britt <steve_britt@hp.com>
santak-ups	3038/tcp	Santak UPS
santak-ups	3038/udp	Santak UPS
#		Tom Liu <ssc@sc.stk.com.cn>
cogitate	3039/tcp	Cogitate, Inc.
cogitate	3039/udp	Cogitate, Inc.
#		Jim Harlan <jimh@infowest.com>
tomato-springs	3040/tcp	Tomato Springs
tomato-springs	3040/udp	Tomato Springs
#		Jack Waller III <jack@tomatosprings.com>
di-traceware	3041/tcp	di-traceware
di-traceware	3041/udp	di-traceware
#		Carlos Hung <chung@digisle.net>
journee	3042/tcp	journee
journee	3042/udp	journee
#		Kevin Calman <postmaster@journee.com>
brp	3043/tcp	BRP
brp	3043/udp	BRP
#		Greg Gee <ggee@hns.com>
epp	3044/tcp	EndPoint Protocol
epp	3044/udp	EndPoint Protocol
#		Stephen Cipolli <scipolli@radvision.com>
responsenet	3045/tcp	ResponseNet
responsenet	3045/udp	ResponseNet
#		Chul Yoon <cyoon@responsenetworks.com>
di-ase	3046/tcp	di-ase
di-ase	3046/udp	di-ase
#		Carlos Hung <chung@digisle.net>
hlserver	3047/tcp	Fast Security HL Server

hlserver	3047/udp	Fast Security HL Server
#		Michael Zunke <mzunke@fast-ag.de>
pctrader	3048/tcp	Sierra Net PC Trader
pctrader	3048/udp	Sierra Net PC Trader
#		Chris Hahn <chrish@sierra.net>
nsws	3049/tcp	NSWS
nsws	3049/udp	NSWS
#		Ray Gwinn <p00321@psilink.com>
gds_db	3050/tcp	gds_db
gds_db	3050/udp	gds_db
#		Madhukar N. Thakur <mthakur@interbase.com>
galaxy-server	3051/tcp	Galaxy Server
galaxy-server	3051/udp	Galaxy Server
#		Michael Andre <mandre@gts-tkts.com>
apcpcns	3052/tcp	APCPCNS
apcpcns	3052/udp	APCPCNS
#		Stephen Berard <sberard@apcc.com>
dsom-server	3053/tcp	dsom-server
dsom-server	3053/udp	dsom-server
#		Daniel Sisk <danielr.sisk@pnl.gov>
amt-cnfr-prot	3054/tcp	AMT CNF PROT
amt-cnfr-prot	3054/udp	AMT CNF PROT
#		Marco Marcucci <mmarcucci.amtec@interbusiness.it>
policyserver	3055/tcp	Policy Server
policyserver	3055/udp	Policy Server
#		Mark Garti <mgarti@sonusnet.com>
cdl-server	3056/tcp	CDL Server
cdl-server	3056/udp	CDL Server
#		Paul Roberts <PaulRoberts@engineer.com>
goahead-fldup	3057/tcp	GoAhead FldUp
goahead-fldup	3057/udp	GoAhead FldUp
#		Alan Pickrell <alanp@goahead.com>
videobeans	3058/tcp	videobeans
videobeans	3058/udp	videobeans
#		Hiroyuki Takahashi <hiro.takahashi@eng.Sun.COM>
qsoft	3059/tcp	qsoft
qsoft	3059/udp	qsoft
#		James Kunz <jkunz@earlhaig.com>
interserver	3060/tcp	interserver
interserver	3060/udp	interserver
#		Madhukar N. Thakur <mthakur@interbase.com>
cautcpd	3061/tcp	cautcpd
cautcpd	3061/udp	cautcpd
ncacn-ip-tcp	3062/tcp	ncacn-ip-tcp
ncacn-ip-tcp	3062/udp	ncacn-ip-tcp
ncadg-ip-udp	3063/tcp	ncadg-ip-udp
ncadg-ip-udp	3063/udp	ncadg-ip-udp
#		Gabi Kalmar <kalga01@cai.com>
rprr	3064/tcp	Remote Port Redirector
rprr	3064/udp	Remote Port Redirector
#		Robin Johnston <robinj@learningtree.com>
slinterbase	3065/tcp	slinterbase
slinterbase	3065/udp	slinterbase
#		Bie Tie <stie@interbase.com>
netattachsdmp	3066/tcp	NETATTACHSDMP
netattachsdmp	3066/udp	NETATTACHSDMP
#		Mike Young <myong@netattach.com>
fjhpjp	3067/tcp	FJHPJP
fjhpjp	3067/udp	FJHPJP
#		Ryozo Furutani <furutani@np.lps.cs.fujitsu.co.jp>
ls3bcast	3068/tcp	ls3 Broadcast
ls3bcast	3068/udp	ls3 Broadcast
ls3	3069/tcp	ls3
ls3	3069/udp	ls3

#		Andrei Tsyganenko <atsyganenko@powerware.com>
mgxswitch	3070/tcp	MGXSWITCH
mgxswitch	3070/udp	MGXSWITCH
#		Bill Savage <bsavage@metagenix.com>
csd-mgmt-port	3071/tcp	ContinuStor Manager Port
csd-mgmt-port	3071/udp	ContinuStor Manager Port
csd-monitor	3072/tcp	ContinuStor Monitor Port
csd-monitor	3072/udp	ContinuStor Monitor Port
#		Ray Jantz <ray.jantz@lsil.com>
vcrp	3073/tcp	Very simple chatroom prot
vcrp	3073/udp	Very simple chatroom prot
#		Andreas Wurf <a.wurf@mediaTools.de>
xbox	3074/tcp	Xbox game port
xbox	3074/udp	Xbox game port
#		Damon Danieli <damond@microsoft.com>
orbix-locator	3075/tcp	Orbix 2000 Locator
orbix-locator	3075/udp	Orbix 2000 Locator
orbix-config	3076/tcp	Orbix 2000 Config
orbix-config	3076/udp	Orbix 2000 Config
orbix-loc-ssl	3077/tcp	Orbix 2000 Locator SSL
orbix-loc-ssl	3077/udp	Orbix 2000 Locator SSL
orbix-cfg-ssl	3078/tcp	Orbix 2000 Locator SSL
orbix-cfg-ssl	3078/udp	Orbix 2000 Locator SSL
#		Eric Newcomer <eric.newcomer@iona.com>
lv-frontpanel	3079/tcp	LV Front Panel
lv-frontpanel	3079/udp	LV Front Panel
#		Darshan Shah <darshan.shah@ni.com>
stm_pproc	3080/tcp	stm_pproc
stm_pproc	3080/udp	stm_pproc
#		Paul McGinnis <pmcginnis@server.stmi.com>
t11-lv	3081/tcp	TL1-LV
t11-lv	3081/udp	TL1-LV
t11-raw	3082/tcp	TL1-RAW
t11-raw	3082/udp	TL1-RAW
t11-telnet	3083/tcp	TL1-TELNET
t11-telnet	3083/udp	TL1-TELNET
#		SONET Internetworking Forum (SIF)
#		<bwarijsman@lucent.com> - SONET Contact
itm-mccs	3084/tcp	ITM-MCCS
itm-mccs	3084/udp	ITM-MCCS
#		Alain Callebaut <ac@itmasters.com>
pcihreq	3085/tcp	PCIHReq
pcihreq	3085/udp	PCIHReq
#		Paul Sanders <p.sanders@dial.pipex.com>
jdl-dbkitchen	3086/tcp	JDL-DBKitchen
jdl-dbkitchen	3086/udp	JDL-DBKitchen
#		Hideo Wakabayashi <hiwaka@alles.or.jp>
asoki-sma	3087/tcp	Asoki SMA
asoki-sma	3087/udp	Asoki SMA
#		Andrew Mossberg <amosberg@asoki.net>
xdtp	3088/tcp	eXtensible Data Transfer Protocol
xdtp	3088/udp	eXtensible Data Transfer Protocol
#		Michael Shearson <mshearson@peerglobal.com>
ptk-alink	3089/tcp	ParaTek Agent Linking
ptk-alink	3089/udp	ParaTek Agent Linking
#		Robert Hodgson <robert@paratek.co.uk>
rtss	3090/tcp	Rappore Session Services
rtss	3090/udp	Rappore Session Services
#		Mark G. Gayman <mgayman@rappore.com>
lci-smcs	3091/tcp	lCi Server Management
lci-smcs	3091/udp	lCi Server Management
#		Ralf Bensmann <iana@lci.de>
njfs	3092/tcp	Netware sync services
njfs	3092/udp	Netware sync services

#		Gordon Ross <G.Ross@ccw.gov.uk>
rapidmq-center	3093/tcp	Jiiva RapidMQ Center
rapidmq-center	3093/udp	Jiiva RapidMQ Center
rapidmq-reg	3094/tcp	Jiiva RapidMQ Registry
rapidmq-reg	3094/udp	Jiiva RapidMQ Registry
#		Mark Ericksen <mark@jiiva.com>
panasas	3095/tcp	Panasas rendezvous port
panasas	3095/udp	Panasas rendezvous port
#		Peter Berger <peterb@panasas.com>
ndl-aps	3096/tcp	Active Print Server Port
ndl-aps	3096/udp	Active Print Server Port
#		Martin Norman <martin@ndl.co.uk>
#	3097/tcp	Reserved
#	3097/udp	Reserved
ituq2150-3-stc	3097/sctp	ITU Q.2150.3 STC
#		Greg Sidebottom <gregside@home.com>
umm-port	3098/tcp	Universal Message Manager
umm-port	3098/udp	Universal Message Manager
#		Phil Braham <phil@braham.net>
chmd	3099/tcp	CHIPSY Machine Daemon
chmd	3099/udp	CHIPSY Machine Daemon
#		Trond Borsting <Trond.Borsting@telelogic.com>
opcon-xps	3100/tcp	OpCon/xps
opcon-xps	3100/udp	OpCon/xps
#		David Bourland <DBourland@smausa.com>
hp-pxpib	3101/tcp	HP PolicyXpert PIB Server
hp-pxpib	3101/udp	HP PolicyXpert PIB Server
#		Brian O'Keefe <bokeefe@cnd.hp.com>
sllavemon	3102/tcp	SoftlinK Slave Mon Port
sllavemon	3102/udp	SoftlinK Slave Mon Port
#		Moshe Livne <moshe@softlinkusa.com>
autocuesmi	3103/tcp	Autocue SMI Protocol
autocuesmi	3103/udp	Autocue SMI Protocol
autocuelog	3104/tcp	Autocue Logger Protocol
autocuetime	3104/udp	Autocue Time Service
#		Geoff Back <geoff@autocue.co.uk>
cardbox	3105/tcp	Cardbox
cardbox	3105/udp	Cardbox
cardbox-http	3106/tcp	Cardbox HTTP
cardbox-http	3106/udp	Cardbox HTTP
#		Martin Kochanski <martin@cardbox.co.uk>
business	3107/tcp	Business protocol
business	3107/udp	Business protocol
geolocate	3108/tcp	Geolocate protocol
geolocate	3108/udp	Geolocate protocol
personnel	3109/tcp	Personnel protocol
personnel	3109/udp	Personnel protocol
#		William Randolph Royere III
#		<william@royere.net>
sim-control	3110/tcp	simulator control port
sim-control	3110/udp	simulator control port
#		Ian Bell <ianb@arca-technologies.com>
wsynch	3111/tcp	Web Synchronous Services
wsynch	3111/udp	Web Synchronous Services
#		Valery Fremaux <vf@eisti.fr>
ksysguard	3112/tcp	KDE System Guard
ksysguard	3112/udp	KDE System Guard
#		Chris Schlaeger <cs@kde.org>
cs-auth-svr	3113/tcp	CS-Authenticate Svr Port
cs-auth-svr	3113/udp	CS-Authenticate Svr Port
#		Cliff Diamond <cdiamond@crypto-solutions.co.uk>
#		Andy Georgiou <ageorgiou@crypto-solutions.co.uk>
ccmad	3114/tcp	CCM AutoDiscover
ccmad	3114/udp	CCM AutoDiscover

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#                               Ram Sudama <rsudama@on.com>
mctet-master 3115/tcp MCTET Master
mctet-master 3115/udp MCTET Master
mctet-gateway 3116/tcp MCTET Gateway
mctet-gateway 3116/udp MCTET Gateway
mctet-jserv 3117/tcp MCTET Jserv
mctet-jserv 3117/udp MCTET Jserv
#                               Manuel Veloso <veloso@us.itmasters.com>
pkagent 3118/tcp PKAgent
pkagent 3118/udp PKAgent
#                               Michael Douglass <mikedoug@datafoundry.net>
d2000kernel 3119/tcp D2000 Kernel Port
d2000kernel 3119/udp D2000 Kernel Port
d2000webserver 3120/tcp D2000 Webserver Port
d2000webserver 3120/udp D2000 Webserver Port
#                               Tomas Rajcan <trajcan@ipesoft.sk>
epp-temp 3121/tcp Extensible Provisioning Protocol
epp-temp 3121/udp Extensible Provisioning Protocol
#                               Scott Hollenbeck <shollenbeck@verisign.com>
vtr-emulator 3122/tcp MTI VTR Emulator port
vtr-emulator 3122/udp MTI VTR Emulator port
#                               John Mertus <mertus@mathtech.com>
edix 3123/tcp EDI Translation Protocol
edix 3123/udp EDI Translation Protocol
#                               William Randolph Royere III <william@royere.net>
beacon-port 3124/tcp Beacon Port
beacon-port 3124/udp Beacon Port
#                               James Paul Duncan <pduncan@beaconcrm.com>
a13-an 3125/tcp A13-AN Interface
a13-an 3125/udp A13-AN Interface
#                               Douglas Knisely <dnk@lucent.com>
ms-dotnetster 3126/tcp Microsoft .NETster Port
ms-dotnetster 3126/udp Microsoft .NETster Port
#                               Dave Mendlen <davemen@microsoft.com>
ctx-bridge 3127/tcp CTX Bridge Port
ctx-bridge 3127/udp CTX Bridge Port
#                               Alexander Dubrovsky <dubrovsky_alex@emc.com>
ndl-aas 3128/tcp Active API Server Port
ndl-aas 3128/udp Active API Server Port
#                               Martin Norman <martin@ndl.co.uk>
netport-id 3129/tcp NetPort Discovery Port
netport-id 3129/udp NetPort Discovery Port
#                               P.T.K. Farrar <farrarp@teccon.co.uk>
icpv2 3130/tcp ICPv2
icpv2 3130/udp ICPv2
#                               Duane Wessels <wessels@nlanr.net>
netbookmark 3131/tcp Net Book Mark
netbookmark 3131/udp Net Book Mark
#                               Yiftach Ravid <yiftach@haifa.vnet.ibm.com>
ms-slipstream 3132/tcp MS-Slipstream
ms-slipstream 3132/udp MS-Slipstream
#                               Jin Li <jinli@microsoft.com>
prism-deploy 3133/tcp Prism Deploy User Port
prism-deploy 3133/udp Prism Deploy User Port
#                               Joan Linck <jlinck@lanovation.com>
ecp 3134/tcp Extensible Code Protocol
ecp 3134/udp Extensible Code Protocol
#                               Jim Trek <jtrek@rochester.rr.com>
#                               Mark Bocko <bocko@ece.rochester.edu>
peerbook-port 3135/tcp PeerBook Port
peerbook-port 3135/udp PeerBook Port
#                               John Flowers <jf@gigamediaaccess.com>
grubd 3136/tcp Grub Server Port
grubd 3136/udp Grub Server Port

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#                               Kord Campbell <kord@grub.org>
rtnt-1                          3137/tcp    rtnt-1 data packets
rtnt-1                          3137/udp    rtnt-1 data packets
rtnt-2                          3138/tcp    rtnt-2 data packets
rtnt-2                          3138/udp    rtnt-2 data packets
#                               Ron Muellerschoen <rjm@cobra.jpl.nasa.gov>
incognitorv                     3139/tcp    Incognito Rendez-Vous
incognitorv                     3139/udp    Incognito Rendez-Vous
#                               Stephane Bourque <stephb@incognito.com>
ariliamulti                     3140/tcp    Arilia Multiplexor
ariliamulti                     3140/udp    Arilia Multiplexor
#                               Stephane Bourque <sbourque@arilia.com>
vmodem                          3141/tcp    VMODEM
vmodem                          3141/udp    VMODEM
#                               Ray Gwinn <p00321@psilink.com>
rdc-wh-eos                      3142/tcp    RDC WH EOS
rdc-wh-eos                      3142/udp    RDC WH EOS
#                               Udi Nir <udi_nir@ncc.co.il>
seaview                         3143/tcp    Sea View
seaview                         3143/udp    Sea View
#                               Jim Flaherty <jim_e_flaherty@notes.seagate.com>
tarantella                      3144/tcp    Tarantella
tarantella                      3144/udp    Tarantella
#                               Roger Binns <rogerb@sco.com>
csi-lfap                        3145/tcp    CSI-LFAP
csi-lfap                        3145/udp    CSI-LFAP
#                               Paul Amsden <amsden@.ctron.com>
bears-02                       3146/tcp    bears-02
bears-02                       3146/udp    bears-02
#                               Bruce McKinnon <brucemck@bearsolutions.com.au>
rfio                            3147/tcp    RFIO
rfio                            3147/udp    RFIO
#                               Frederic Hemmer <Frederic.Hemmer@cern.ch>
nm-game-admin                   3148/tcp    NetMike Game Administrator
nm-game-admin                   3148/udp    NetMike Game Administrator
nm-game-server                  3149/tcp    NetMike Game Server
nm-game-server                  3149/udp    NetMike Game Server
nm-asses-admin                  3150/tcp    NetMike Assessor Administrator
nm-asses-admin                  3150/udp    NetMike Assessor Administrator
nm-assessor                     3151/tcp    NetMike Assessor
nm-assessor                     3151/udp    NetMike Assessor
#                               Andrew Sharpe <help@smartsims.com>
feitianrockey                  3152/tcp    FeiTian Port
feitianrockey                  3152/udp    FeiTian Port
#                               Huang Yu <llw@ftsafes.com>
s8-client-port                  3153/tcp    S8Cargo Client Port
s8-client-port                  3153/udp    S8Cargo Client Port
#                               Jon S. Kyle <JKyle@SpeedwaySoftware.com>
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
#                               Don Schoenecker
#                               <don.schoenecker@indurasoft.com>
e3consultants                   3157/tcp    CCC Listener Port
e3consultants                   3157/udp    CCC Listener Port
#                               Brian Carnell <brian@e3consultants.com>
stvp                            3158/tcp    SmashTV Protocol
stvp                            3158/udp    SmashTV Protocol
#                               Christian Wolff <stvp@smash.tv>

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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>
docllm	3161/tcp	DOC1 License Manager
docllm	3161/udp	DOC1 License Manager
#		Greg Goodson <ggoodson@group1software.co.uk>
sflm	3162/tcp	SFLM
sflm	3162/udp	SFLM
#		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>
serverview-as	3169/tcp	SERVERVIEW-AS
serverview-as	3169/udp	SERVERVIEW-AS
serverview-asn	3170/tcp	SERVERVIEW-ASN
serverview-asn	3170/udp	SERVERVIEW-ASN
serverview-gf	3171/tcp	SERVERVIEW-GF
serverview-gf	3171/udp	SERVERVIEW-GF
serverview-rm	3172/tcp	SERVERVIEW-RM
serverview-rm	3172/udp	SERVERVIEW-RM
serverview-icc	3173/tcp	SERVERVIEW-ICC
serverview-icc	3173/udp	SERVERVIEW-ICC
#		Guenther Kroenert
#		<Guenther.Kroenert@fujitsu-siemens.com>
armi-server	3174/tcp	ARMI Server
armi-server	3174/udp	ARMI Server
#		Bobby Martin <bobbymartin@hotmail.com>
t1-el-over-ip	3175/tcp	T1_E1_Over_IP
t1-el-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>
bmcpatrolagent	3181/tcp	BMC Patrol Agent
bmcpatrolagent	3181/udp	BMC Patrol Agent

bmcpatrolrnvu	3182/tcp	BMC Patrol Rendezvous
bmcpatrolrnvu	3182/udp	BMC Patrol Rendezvous
#		Eric Anderson <eric_anderson@bmc.com>
cops-tls	3183/tcp	COPS/TLS
cops-tls	3183/udp	COPS/TLS
#		Mark Stevens <mstevens@ellacoya.com>
apogeex-port	3184/tcp	ApogeeX Port
apogeex-port	3184/udp	ApogeeX Port
#		Tom Nys <tom.nys.tn@belgium.agfa.com>
smpppd	3185/tcp	SuSE Meta PPPD
smpppd	3185/udp	SuSE Meta PPPD
#		Arvin Schnell <arvin@suse.de>
iiw-port	3186/tcp	IIW Monitor User Port
iiw-port	3186/udp	IIW Monitor User Port
#		Corey Burnett <corey.burnett@biopop.com>
odi-port	3187/tcp	Open Design Listen Port
odi-port	3187/udp	Open Design Listen Port
#		Phivos Aristides <phivos@opendesign.com>
brcm-comm-port	3188/tcp	Broadcom Port
brcm-comm-port	3188/udp	Broadcom Port
#		Thomas L. Johnson <tjohnson@broadcom.com>
pcle-infex	3189/tcp	Pinnacle Sys InfEx Port
pcle-infex	3189/udp	Pinnacle Sys InfEx Port
#		Anthon van der Neut <anthon@mnt.org>
csvr-proxy	3190/tcp	ConServR Proxy
csvr-proxy	3190/udp	ConServR Proxy
csvr-sslproxy	3191/tcp	ConServR SSL Proxy
csvr-sslproxy	3191/udp	ConServR SSL Proxy
#		Mikhail Kruk <mkruk@biscom.com>
firemonrcc	3192/tcp	FireMon Revision Control
firemonrcc	3192/udp	FireMon Revision Control
#		Michael Bishop <mbishop@fishnetsecurity.com>
cordataport	3193/tcp	Cordaxis Data Port
cordataport	3193/udp	Cordaxis Data Port
#		Jay Fesco <jay@cordaxis.com>
magbind	3194/tcp	Rockstorm MAG protocol
magbind	3194/udp	Rockstorm MAG protocol
#		Jens Nilsson <jens@rockstorm.se>
ncu-1	3195/tcp	Network Control Unit
ncu-1	3195/udp	Network Control Unit
ncu-2	3196/tcp	Network Control Unit
ncu-2	3196/udp	Network Control Unit
#		Charlie Hundre <charlie@rdsrv.reco.com.tw>
embrace-dp-s	3197/tcp	Embrace Device Protocol Server
embrace-dp-s	3197/udp	Embrace Device Protocol Server
embrace-dp-c	3198/tcp	Embrace Device Protocol Client
embrace-dp-c	3198/udp	Embrace Device Protocol Client
#		Elliot Schwartz <elliot@embracenetworks.com>
dmod-workspace	3199/tcp	DMOD WorkSpace
dmod-workspace	3199/udp	DMOD WorkSpace
#		Nick Plante <nplante@dmod.com>
tick-port	3200/tcp	Press-sense Tick Port
tick-port	3200/udp	Press-sense Tick Port
#		Boris Svetlitsky <boris@press-sense.com>
cpq-tasksmart	3201/tcp	CPQ-TaskSmart
cpq-tasksmart	3201/udp	CPQ-TaskSmart
#		Jackie Lau <jackie.lau@compaq.com>
intraintra	3202/tcp	IntraIntra
intraintra	3202/udp	IntraIntra
#		Matthew Asham <matthewa@bcwireless.net>
netwatcher-mon	3203/tcp	Network Watcher Monitor
netwatcher-mon	3203/udp	Network Watcher Monitor
netwatcher-db	3204/tcp	Network Watcher DB Access
netwatcher-db	3204/udp	Network Watcher DB Access

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# 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>
jmq-daemon-1 3214/tcp JMQ Daemon Port 1
jmq-daemon-1 3214/udp JMQ Daemon Port 1
jmq-daemon-2 3215/tcp JMQ Daemon Port 2
jmq-daemon-2 3215/udp JMQ Daemon Port 2
# Martin West <Martin.West@spirit-soft.com>
ferrari-foam 3216/tcp Ferrari electronic FOAM
ferrari-foam 3216/udp Ferrari electronic FOAM
# Johann Deutinger <deutinger@ferrari-ag.de>
unite 3217/tcp Unified IP & Telecomm Env
unite 3217/udp Unified IP & Telecomm Env
# Christer Gunnarsson
# <christer.gunnarsson@ascomtateco.se>
smartpackets 3218/tcp EMC SmartPackets
smartpackets 3218/udp EMC SmartPackets
# Steve Spataro <spataro_steve@emc.com>
wms-messenger 3219/tcp WMS Messenger
wms-messenger 3219/udp WMS Messenger
# Michael Monasterio <michael@wmssoftware.com>
xnm-ssl 3220/tcp XML NM over SSL
xnm-ssl 3220/udp XML NM over SSL
xnm-clear-text 3221/tcp XML NM over TCP
xnm-clear-text 3221/udp XML NM over TCP
# Mark Trostler <trostler@juniper.net>
glbp 3222/tcp Gateway Load Balancing Pr
glbp 3222/udp Gateway Load Balancing Pr
# Douglas McLaggan <glbp-info@cisco.com>
digivote 3223/tcp DIGIVOTE (R) Vote-Server
digivote 3223/udp DIGIVOTE (R) Vote-Server
# Christian Treczoks <ct@braehler.com>
aes-discovery 3224/tcp AES Discovery Port
aes-discovery 3224/udp AES Discovery Port
# Ken Richard <kenr@aeseducation.com>
fcip-port 3225/tcp FCIP
fcip-port 3225/udp FCIP
# Murali Rajagopal <muralir@lightsand.com>
isi-irp 3226/tcp ISI Industry Software IRP

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isi-irp	3226/udp	ISI Industry Software IRP
#		Peter Sandstrom <peter.sandstrom@tassen.fi>
dwnmshttp	3227/tcp	DiamondWave NMS Server
dwnmshttp	3227/udp	DiamondWave NMS Server
dwmsgserver	3228/tcp	DiamondWave MSG Server
dwmsgserver	3228/udp	DiamondWave MSG Server
#		Varma Bhupatiraju <varma@calient.net>
global-cd-port	3229/tcp	Global CD Port
global-cd-port	3229/udp	Global CD Port
#		Vitaly Revsin <vitaly@netapp.com>
sftdst-port	3230/tcp	Software Distributor Port
sftdst-port	3230/udp	Software Distributor Port
#		Andrea Lanza <andrea.lanza@frameweb.it>
dsn1	3231/tcp	Delta Solutions Direct
dsn1	3231/udp	Delta Solutions Direct
#		Peter Ijkhout <peter@deltasolutions.nl>
mdtp	3232/tcp	MDT port
mdtp	3232/udp	MDT port
#		IJsbrand Wijnands <ice@cisco.com>
whisker	3233/tcp	WhiskerControl main port
whisker	3233/udp	WhiskerControl main port
#		Rudolf Cardinal <rudolf@pobox.com> February 2002
alchemy	3234/tcp	Alchemy Server
alchemy	3234/udp	Alchemy Server
#		Mikhail Belov <mikhail@imrgold.com> February 2002
mdap-port	3235/tcp	MDAP port
mdap-port	3235/udp	MDAP Port
#		Johan Deleu <johan.deleu@alcatel.be> February 2002
apparenet-ts	3236/tcp	appareNet Test Server
apparenet-ts	3236/udp	appareNet Test Server
apparenet-tps	3237/tcp	appareNet Test Packet Sequencer
apparenet-tps	3237/udp	appareNet Test Packet Sequencer
apparenet-as	3238/tcp	appareNet Analysis Server
apparenet-as	3238/udp	appareNet Analysis Server
apparenet-ui	3239/tcp	appareNet User Interface
apparenet-ui	3239/udp	appareNet User Interface
#		Fred Klassen <fklassen@jaalam.com> February 2002
triomotion	3240/tcp	Trio Motion Control Port
triomotion	3240/udp	Trio Motion Control Port
#		Tony Matthews <tmatthews@triomotion.com> February 2002
sysorb	3241/tcp	SysOrb Monitoring Server
sysorb	3241/udp	SysOrb Monitoring Server
#		Jakob Oestergaard <joe@sysorb.com> February 2002
sdp-id-port	3242/tcp	Session Description ID
sdp-id-port	3242/udp	Session Description ID
#		Greg Rose <ggr@qualcomm.com> February 2002
timelot	3243/tcp	Timelot Port
timelot	3243/udp	Timelot Port
#		David Ferguson <dferguson@xtralot.com> February 2002
onesaf	3244/tcp	OneSAF
onesaf	3244/udp	OneSAF
#		Gene McCulley <mcculley@cuspy.com> February 2002
vieo-fe	3245/tcp	VIEO Fabric Executive
vieo-fe	3245/udp	VIEO Fabric Executive
#		James Cox <jocox@view.com> February 2002
dvt-system	3246/tcp	DVT SYSTEM PORT
dvt-system	3246/udp	DVT SYSTEM PORT
dvt-data	3247/tcp	DVT DATA LINK
dvt-data	3247/udp	DVT DATA LINK
#		Phillip Heil <phil.heil@dvtensors.com> February 2002
procos-lm	3248/tcp	PROCOS LM
procos-lm	3248/udp	PROCOS LM
#		Torsten Rendelmann
#		<torsten.rendelmann@procos.com> February 2002

ssp	3249/tcp	State Sync Protocol
ssp	3249/udp	State Sync Protocol
#		Stephane Beaulieu <stephane@cisco.com> February 2002
hicp	3250/tcp	HMS hicp port
hicp	3250/udp	HMS hicp port
#		Joel Palsson, HMS Industrial Networks AB
#		<ianacontact@hms.se> February 2002
sysscanner	3251/tcp	Sys Scanner
sysscanner	3251/udp	Sys Scanner
#		Dick Georges <georges@monaco.net> February 2002
dhe	3252/tcp	DHE port
dhe	3252/udp	DHE port
#		Fabrizio Massimo Ferrara <fmf@gesi.it> February 2002
pda-data	3253/tcp	PDA Data
pda-data	3253/udp	PDA Data
pda-sys	3254/tcp	PDA System
pda-sys	3254/udp	PDA System
#		Jian Fan <fjian@dmfsys.com> February 2002
semaphore	3255/tcp	Semaphore Connection Port
semaphore	3255/udp	Semaphore Connection Port
#		Jay Eckles <ecklesweb@yahoo.com> February 2002
cpqrpm-agent	3256/tcp	Compaq RPM Agent Port
cpqrpm-agent	3256/udp	Compaq RPM Agent Port
cpqrpm-server	3257/tcp	Compaq RPM Server Port
cpqrpm-server	3257/udp	Compaq RPM Server Port
#		Royal King <royal.king@compaq.com> February 2002
ivecon-port	3258/tcp	Ivecon Server Port
ivecon-port	3258/udp	Ivecon Server Port
#		Serguei Tevs <STevs@ivecon.com> February 2002
epncdp2	3259/tcp	Epson Network Common Devi
epncdp2	3259/udp	Epson Network Common Devi
#		SEIKO EPSON Corporation - Oishi Toshiaki
#		<Oishi.Toshiaki@exc.epson.co.jp> February 2002
iscsi-target	3260/tcp	iSCSI port
iscsi-target	3260/udp	iSCSI port
#		Julian Satran <Julian_Satran@il.ibm.com>
winshadow	3261/tcp	winShadow
winshadow	3261/udp	winShadow
#		Colin Barry <cbarry@gbahn.com>
necp	3262/tcp	NECP
necp	3262/udp	NECP
#		Alberto Cerpa <cerpa@isi.edu>
ecolor-imager	3263/tcp	E-Color Enterprise Imager
ecolor-imager	3263/udp	E-Color Enterprise Imager
#		Tamara Baker <tbaker@ecolor.com>
ccmail	3264/tcp	cc:mail/lotus
ccmail	3264/udp	cc:mail/lotus
#		<brockman@ccmail.com>
altav-tunnel	3265/tcp	Altav Tunnel
altav-tunnel	3265/udp	Altav Tunnel
#		Gary M. Allen <gallen@symantec.com>
ns-cfg-server	3266/tcp	NS CFG Server
ns-cfg-server	3266/udp	NS CFG Server
#		Aivi Lie <LIEA@netsoft.com>
ibm-dial-out	3267/tcp	IBM Dial Out
ibm-dial-out	3267/udp	IBM Dial Out
#		Skip Booth <sbooth@VNET.IBM.COM>
msft-gc	3268/tcp	Microsoft Global Catalog
msft-gc	3268/udp	Microsoft Global Catalog
msft-gc-ssl	3269/tcp	Microsoft Global Catalog with LDAP/SSL
msft-gc-ssl	3269/udp	Microsoft Global Catalog with LDAP/SSL
#		Asaf Kashi <asafk@microsoft.com>
verismart	3270/tcp	Verismart
verismart	3270/udp	Verismart

#		Jay Weber <weber@vfi.com>
csoft-prev	3271/tcp	CSoft Prev Port
csoft-prev	3271/udp	CSoft Prev Port
#		Nedelcho Stanev <decho@iname.com>
user-manager	3272/tcp	Fujitsu User Manager
user-manager	3272/udp	Fujitsu User Manager
#		Yukihiko Sakurai <y-sakurai@ael.fujitsu.co.jp>
sxmp	3273/tcp	Simple Extensible Multiplexed Protocol
sxmp	3273/udp	Simple Extensible Multiplexed Protocol
#		Jerry Jongerius <jerryj@webdash.com>
ordinox-server	3274/tcp	Ordinox Server
ordinox-server	3274/udp	Ordinox Server
#		Guy Letourneau <gletourneau@ordinox.com>
samd	3275/tcp	SAMD
samd	3275/udp	SAMD
#		Edgar Circenis <ec@fc.hp.com>
maxim-asics	3276/tcp	Maxim ASICs
maxim-asics	3276/udp	Maxim ASICs
#		Dave Inman <davei@mxim.com>
awg-proxy	3277/tcp	AWG Proxy
awg-proxy	3277/udp	AWG Proxy
#		Alex McDonald <alexm@an.hp.com>
lkcmserver	3278/tcp	LKCM Server
lkcmserver	3278/udp	LKCM Server
#		Javier Jimenez
admind	3279/tcp	admind
admind	3279/udp	admind
#		Jeff Haynes <haynes@chistech.com>
vs-server	3280/tcp	VS Server
vs-server	3280/udp	VS Server
#		Scott Godlew <Scott@godlew.com>
sysopt	3281/tcp	SYSOPT
sysopt	3281/udp	SYSOPT
#		Tony Hoffman <ajh@unx.dec.com>
datusorb	3282/tcp	Datusorb
datusorb	3282/udp	Datusorb
#		Thomas Martin <thomas@datus-usa.com>
net-assistant	3283/tcp	Net Assistant
net-assistant	3283/udp	Net Assistant
#		Michael Stein <mvs@apple.com>
4talk	3284/tcp	4Talk
4talk	3284/udp	4Talk
#		Tony Bushnell <tony_bushnell@four-sight.co.uk>
plato	3285/tcp	Plato
plato	3285/udp	Plato
#		Jim Battin <battin@tro.com>
e-net	3286/tcp	E-Net
e-net	3286/udp	E-Net
#		Steven Grigsby <sgrigsby@austin.eent.com>
directvdata	3287/tcp	DIRECTVDATA
directvdata	3287/udp	DIRECTVDATA
#		Michael Friedman <mfr1@worldnet.att.net>
cops	3288/tcp	COPS
cops	3288/udp	COPS
#		Shai Herzog <herzog@iphighway.com>
enpc	3289/tcp	ENPC
enpc	3289/udp	ENPC
#		SEIKO EPSON <Ishida.Hitoshi@exc.epson.co.jp>
caps-lm	3290/tcp	CAPS LOGISTICS TOOLKIT - LM
caps-lm	3290/udp	CAPS LOGISTICS TOOLKIT - LM
#		Joseph Krebs <joek@caps.com>
sah-lm	3291/tcp	S A Holditch & Associates - LM
sah-lm	3291/udp	S A Holditch & Associates - LM
#		Randy Hudgens <rrh@mail.holditch.com>

cart-o-rama	3292/tcp	Cart O Rama
cart-o-rama	3292/udp	Cart O Rama
#		Phillip Dillinger <Phillip.Dillinger@sealabs.com>
fg-fps	3293/tcp	fg-fps
fg-fps	3293/udp	fg-fps
fg-gip	3294/tcp	fg-gip
fg-gip	3294/udp	fg-gip
#		Jean-Marc Frailong <jmf@freegate.net>
dyniplookup	3295/tcp	Dynamic IP Lookup
dyniplookup	3295/udp	Dynamic IP Lookup
#		Eugene Osovetsky <eugeneo@geocities.com>
rib-slm	3296/tcp	Rib License Manager
rib-slm	3296/udp	Rib License Manager
#		Kristean Heisler <kh@rib.de>
cytel-lm	3297/tcp	Cytel License Manager
cytel-lm	3297/udp	Cytel License Manager
#		Yogesh P. Gajjar <yogesh@cytel.com>
transview	3298/tcp	Transview
transview	3298/udp	Transview
#		Richard Obermeier <richard.obermeier@mch.sni.de>
pdrncs	3299/tcp	pdrncs
pdrncs	3299/udp	pdrncs
#		Paul Wissenbach <paulwi@vnd.tek.com>
#####	3300-3301	Unauthorized Use by SAP R/3 #####
mcs-fastmail	3302/tcp	MCS Fastmail
mcs-fastmail	3302/udp	MCS Fastmail
#		Patti Jo Newsom <pjn@mcsdallas.com>
opsession-clnt	3303/tcp	OP Session Client
opsession-clnt	3303/udp	OP Session Client
opsession-srvr	3304/tcp	OP Session Server
opsession-srvr	3304/udp	OP Session Server
#		Amir Blich <amir@netmanage.co.il>
odette-ftp	3305/tcp	ODETTE-FTP
odette-ftp	3305/udp	ODETTE-FTP
#		David Nash <dnash@ford.com>
mysql	3306/tcp	MySQL
mysql	3306/udp	MySQL
#		Monty <monty@analytikerna.se>
opsession-prxy	3307/tcp	OP Session Proxy
opsession-prxy	3307/udp	OP Session Proxy
#		Amir Blich <amir@netmanage.co.il>
tns-server	3308/tcp	TNS Server
tns-server	3308/udp	TNS Server
tns-adv	3309/tcp	TNS ADV
tns-adv	3309/udp	TNS ADV
#		Jerome Albin <albin@taec.enet.dec.com>
dyna-access	3310/tcp	Dyna Access
dyna-access	3310/udp	Dyna Access
#		Dave Belliveau
#		<DaveBelliveau@cornerstonesoftware.com>
mcns-tel-ret	3311/tcp	MCNS Tel Ret
mcns-tel-ret	3311/udp	MCNS Tel Ret
#		Randall Atkinson <rja@home.net>
appman-server	3312/tcp	Application Management Server
appman-server	3312/udp	Application Management Server
uorb	3313/tcp	Unify Object Broker
uorb	3313/udp	Unify Object Broker
uohost	3314/tcp	Unify Object Host
uohost	3314/udp	Unify Object Host
#		Dave Glende <dmg@unify.com>
cdid	3315/tcp	CDID
cdid	3315/udp	CDID
#		Andrew Borisov <hdr@chat.ru>
aicc-cmi	3316/tcp	AICC/CMI

aicc-cmi	3316/udp	AICC/CMI
#		William McDonald <billmc@atc.boeing.com>
vsaipor	3317/tcp	VSAI PORT
vsaipor	3317/udp	VSAI PORT
#		Rieko Asai <asai@isl.mei.co.jp>
ssrip	3318/tcp	Swith to Swith Routing Information Protocol
ssrip	3318/udp	Swith to Swith Routing Information Protocol
#		Baba Hidekazu <baba@flare.nd.net.fujitsu.co.jp>
sdt-lmd	3319/tcp	SDT License Manager
sdt-lmd	3319/udp	SDT License Manager
#		Salvo Nassisi <sdtech@tin.it>
officelink2000	3320/tcp	Office Link 2000
officelink2000	3320/udp	Office Link 2000
#		Mike Balch <mbalch@teltone.com>
vnsstr	3321/tcp	VNSSTR
vnsstr	3321/udp	VNSSTR
#		Takeshi Ohmura <ohmura@isl.mei.co.jp>
active-net	3322-3325	Active Networks
#		Bob Braden <braden@isi.edu>
sftu	3326/tcp	SFTU
sftu	3326/udp	SFTU
#		Eduardo Rosenberg de Moura <eduardor@spacenet.com.br>
bbars	3327/tcp	BBARS
bbars	3327/udp	BBARS
#		Lou Harris <lharris@outlx.bandl.com>
egptlm	3328/tcp	Eaglepoint License Manager
egptlm	3328/udp	Eaglepoint License Manager
#		Dave Benton <dave.benton@eaglepoint.com>
hp-device-disc	3329/tcp	HP Device Disc
hp-device-disc	3329/udp	HP Device Disc
#		Shivaun Albright <shivaun_albright@hp.com>
mcs-calyпсоicf	3330/tcp	MCS Calypso ICF
mcs-calyпсоicf	3330/udp	MCS Calypso ICF
mcs-messaging	3331/tcp	MCS Messaging
mcs-messaging	3331/udp	MCS Messaging
mcs-mailsvr	3332/tcp	MCS Mail Server
mcs-mailsvr	3332/udp	MCS Mail Server
#		Patti Jo Newsom <pjn@mcsdallas.com>
dec-notes	3333/tcp	DEC Notes
dec-notes	3333/udp	DEC Notes
#		Kim Moraros <moraros@via.enet.dec.com>
directv-web	3334/tcp	Direct TV Webcasting
directv-web	3334/udp	Direct TV Webcasting
directv-soft	3335/tcp	Direct TV Software Updates
directv-soft	3335/udp	Direct TV Software Updates
directv-tick	3336/tcp	Direct TV Tickers
directv-tick	3336/udp	Direct TV Tickers
directv-catlg	3337/tcp	Direct TV Data Catalog
directv-catlg	3337/udp	Direct TV Data Catalog
#		Michael Friedman <mfr1@worldnet.att.net>
anet-b	3338/tcp	OMF data b
anet-b	3338/udp	OMF data b
anet-l	3339/tcp	OMF data l
anet-l	3339/udp	OMF data l
anet-m	3340/tcp	OMF data m
anet-m	3340/udp	OMF data m
anet-h	3341/tcp	OMF data h
anet-h	3341/udp	OMF data h
#		Per Sahlqvist <psahlqvi@sw.seisy.abb.se>
webtie	3342/tcp	WebTIE
webtie	3342/udp	WebTIE
#		Kevin Frender <kbf@ngdc.noaa.gov>
ms-cluster-net	3343/tcp	MS Cluster Net
ms-cluster-net	3343/udp	MS Cluster Net

#		Mike Massa <mikemas@microsoft.com>
bnt-manager	3344/tcp	BNT Manager
bnt-manager	3344/udp	BNT Manager
#		Brian Ives <brian.ives@bhead.co.uk>
influence	3345/tcp	Influence
influence	3345/udp	Influence
#		Russ Ferriday <russf@topia.com>
trnsprntproxy	3346/tcp	Trnsprnt Proxy
trnsprntproxy	3346/udp	Trnsprnt Proxy
#		Grant Kirby <grant_kirby@ccm.al.intel.com>
phoenix-rpc	3347/tcp	Phoenix RPC
phoenix-rpc	3347/udp	Phoenix RPC
#		Ian Anderson <ian_anderson@phoenix.com>
pangolin-laser	3348/tcp	Pangolin Laser
pangolin-laser	3348/udp	Pangolin Laser
#		William Benner <William_Benner@msn.com>
chevinservices	3349/tcp	Chevin Services
chevinservices	3349/udp	Chevin Services
#		Gus McNaughton <gus@chevin.com>
findviatv	3350/tcp	FINDVIATV
findviatv	3350/udp	FINDVIATV
#		Oran Davis <oran@8x8.com>
btrieve	3351/tcp	BTRIEVE
btrieve	3351/udp	BTRIEVE
ssql	3352/tcp	SSQL
ssql	3352/udp	SSQL
#		John McDowell <jmcdowel@pervasive-sw.com>
fatpipe	3353/tcp	FATPIPE
fatpipe	3353/udp	FATPIPE
#		Sanchaita Datta <sdatta@ragula.com>
suitjd	3354/tcp	SUITJD
suitjd	3354/udp	SUITJD
#		Todd Moyer <tsm@unx.dec.com>
ordinox-dbase	3355/tcp	Ordinox Dbase
ordinox-dbase	3355/udp	Ordinox Dbase
#		Guy Litourneau <gletourneau@ordinox.com>
upnotifyps	3356/tcp	UPNOTIFYPS
upnotifyps	3356/udp	UPNOTIFYPS
#		Mark Fox <markf@uplanet.com>
adtech-test	3357/tcp	Adtech Test IP
adtech-test	3357/udp	Adtech Test IP
#		Robin Uyeshiro <robin_u@adtech-inc.com>
mpsysrmsvr	3358/tcp	Mp Sys Rmsvr
mpsysrmsvr	3358/udp	Mp Sys Rmsvr
#		Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
wg-netforce	3359/tcp	WG NetForce
wg-netforce	3359/udp	WG NetForce
#		Lee Wheat <wheat@wg.com>
kv-server	3360/tcp	KV Server
kv-server	3360/udp	KV Server
kv-agent	3361/tcp	KV Agent
kv-agent	3361/udp	KV Agent
#		Thomas Soranno <tom_soranno@cipartners.com>
dj-ilm	3362/tcp	DJ ILM
dj-ilm	3362/udp	DJ ILM
#		Don Tyson
nati-vi-server	3363/tcp	NATI Vi Server
nati-vi-server	3363/udp	NATI Vi Server
#		Robert Dye <rob@natinst.com>
creativeserver	3364/tcp	Creative Server
creativeserver	3364/udp	Creative Server
contentserver	3365/tcp	Content Server
contentserver	3365/udp	Content Server
creativepartnr	3366/tcp	Creative Partner

creativepartnr	3366/udp	Creative Partner
#		Jesus Ortiz <Jesus_A._Ortiz@notes.emotion.com>
satvid-datalnk	3367-3371	Satellite Video Data Link
#		Scott Engel <ScottX_Engel@ccm.jf.intel.com>
tip2	3372/tcp	TIP 2
tip2	3372/udp	TIP 2
#		Keith Evans <keith@loc252.tandem.com>
lavenir-lm	3373/tcp	Lavenir License Manager
lavenir-lm	3373/udp	Lavenir License Manager
#		Marius Matic <marius@lavenir.com>
cluster-disc	3374/tcp	Cluster Disc
cluster-disc	3374/udp	Cluster Disc
#		Jeff Hughes <Jeff.Hughes@columbiasc.ncr.com>
vsnm-agent	3375/tcp	VSNM Agent
vsnm-agent	3375/udp	VSNM Agent
#		Venkat Rangan <venkatr@vitalsigns.com>
cdbroker	3376/tcp	CD Broker
cdbroker	3376/udp	CD Broker
#		Moon Ho Chung <mchung@esps.com>
cogsys-lm	3377/tcp	Cogsys Network License Manager
cogsys-lm	3377/udp	Cogsys Network License Manager
#		Simon Chinnick <support@cogsys.co.uk>
wsicopy	3378/tcp	WSICOPY
wsicopy	3378/udp	WSICOPY
#		James Overby
socorfs	3379/tcp	SOCORFS
socorfs	3379/udp	SOCORFS
#		Hugo Charbonneau
sns-channels	3380/tcp	SNS Channels
sns-channels	3380/udp	SNS Channels
#		Shekar Pasumarthi <shekarp@firstfloor.com>
geneous	3381/tcp	Geneous
geneous	3381/udp	Geneous
#		Nick de Smith <nick.desmith@histech.com>
fujitsu-neat	3382/tcp	Fujitsu Network Enhanced Antitheft function
fujitsu-neat	3382/udp	Fujitsu Network Enhanced Antitheft function
#		Markku Viima <markku.viima@team.icl.se>
esp-lm	3383/tcp	Enterprise Software Products License Manager
esp-lm	3383/udp	Enterprise Software Products License Manager
#		George Rudy <george@entsoft.com>
hp-clic	3384/tcp	Cluster Management Services
hp-clic	3384/udp	Hardware Management
#		Rajesh Srinivasaraghavan <srajesh@cup.hp.com>
qnxnetman	3385/tcp	qnxnetman
qnxnetman	3385/udp	qnxnetman
#		Michael Hunter <mphunter@qnx.com>
gprs-data	3386/tcp	GPRS Data
gprs-sig	3386/udp	GPRS SIG
#		Ansgar Bergmann <Ansgar.Bergmann@etsi.fr>
backroomnet	3387/tcp	Back Room Net
backroomnet	3387/udp	Back Room Net
#		Clayton Wilkinson <cwilkinson@carreker.com>
cbserver	3388/tcp	CB Server
cbserver	3388/udp	CB Server
#		Allen Wei <Allen_Wei@arborsoft.com>
ms-wbt-server	3389/tcp	MS WBT Server
ms-wbt-server	3389/udp	MS WBT Server
#		Ritu Bahl <ritub@microsoft.com>
dsc	3390/tcp	Distributed Service Coordinator
dsc	3390/udp	Distributed Service Coordinator
#		Chas Honton <chas@secant.com>
savant	3391/tcp	SAVANT
savant	3391/udp	SAVANT
#		Andy Bruce <franklin_yah@yahoo.com>

efi-lm	3392/tcp	EFI License Management
efi-lm	3392/udp	EFI License Management
#		Ross E. Greinke <greinker@execpc.com>
d2k-tapestry1	3393/tcp	D2K Tapestry Client to Server
d2k-tapestry1	3393/udp	D2K Tapestry Client to Server
d2k-tapestry2	3394/tcp	D2K Tapestry Server to Server
d2k-tapestry2	3394/udp	D2K Tapestry Server to Server
#		Eric Lan <elan@d2k.com>
dyna-lm	3395/tcp	Dyna License Manager (Elam)
dyna-lm	3395/udp	Dyna License Manager (Elam)
#		Anjana Iyer <anjana@dyna.com>
printer_agent	3396/tcp	Printer Agent
printer_agent	3396/udp	Printer Agent
#		Devon Taylor <dtaylor@novell.com>
cloanto-lm	3397/tcp	Cloanto License Manager
cloanto-lm	3397/udp	Cloanto License Manager
#		Takeo Sato <takeo_sato-iana@cloanto.com>
mercantile	3398/tcp	Mercantile
mercantile	3398/udp	Mercantile
#		Erik Kragh Jensen <kragh@inet.uni2.dk>
csms	3399/tcp	CSMS
csms	3399/udp	CSMS
csms2	3400/tcp	CSMS2
csms2	3400/udp	CSMS2
#		Markus Michels <mami@cedros.com>
filecast	3401/tcp	filecast
filecast	3401/udp	filecast
#		Eden Sherry <eden@pair.com>
fxaengine-net	3402/tcp	FXa Engine Network Port
fxaengine-net	3402/udp	FXa Engine Network Port
#		Lucas Alonso <luke@demiurgestudios.com> February 2002
copysnap	3403/tcp	CopySnap Server Port
copysnap	3403/udp	CopySnap Server Port
#		Steve Zellers <zellers@basilsoft.com> February 2002
igo-incognito	3404/tcp	IGo Incognito Data Port
igo-incognito	3404/udp	IGo Incognito Data Port
#		Paul Reddy <support@igo-incognito.com> February 2002
nokia-ann-ch1	3405/tcp	Nokia Announcement ch 1
nokia-ann-ch1	3405/udp	Nokia Announcement ch 1
nokia-ann-ch2	3406/tcp	Nokia Announcement ch 2
nokia-ann-ch2	3406/udp	Nokia Announcement ch 2
#		Morteza Kalhour <Morteza.Kalhour@Nokia.com> February 2002
ldap-admin	3407/tcp	LDAP admin server port
ldap-admin	3407/udp	LDAP admin server port
#		Stephen Tsun <stsun@calient.net> February 2002
issapi	3408/tcp	POWERpack API Port
issapi	3408/udp	POWERpack API Port
#		Colin Griffiths <colin.griffiths@int-link.com> February 2002
networklens	3409/tcp	NetworkLens Event Port
networklens	3409/udp	NetworkLens Event Port
networklenss	3410/tcp	NetworkLens SSL Event
networklenss	3410/udp	NetworkLens SSL Event
#		Greg Bailey <gbailey@lxpro.com> February 2002
biolink-auth	3411/tcp	BioLink Authenteon
biolink-auth	3411/udp	BioLink Authenteon
#		Ivan V. Begtin <IBegtin@biolinkusa.com> February 2002
xmlblaster	3412/tcp	xmlBlaster
xmlblaster	3412/udp	xmlBlaster
#		Marcel Ruff <ruff@swand.lake.de> February 2002
svnet	3413/tcp	SpecView Networking
svnet	3413/udp	SpecView Networking
#		Richard Dickins <rad@specview.com> February 2002
wip-port	3414/tcp	BroadCloud WIP Port
wip-port	3414/udp	BroadCloud WIP Port

bcinameservice	3415/tcp	BCI Name Service
bcinameservice	3415/udp	BCI Name Service
#		Dennis Parker <dparker@broadcloud.com> February 2002
commandport	3416/tcp	AirMobile IS Command Port
commandport	3416/udp	AirMobile IS Command Port
#		Mike Klein <m.klein@motorla.com> February 2002
csvr	3417/tcp	ConServR file translation
csvr	3417/udp	ConServR file translation
#		Albert Leung <aleung@biscom.com> February 2002
rnmap	3418/tcp	Remote nmap
rnmap	3418/udp	Remote nmap
#		Tuomo Makinen <tmakinen@pp.htv.fi> February 2002
softaudit	3419/tcp	Isogon SoftAudit
softaudit	3419/udp	ISogon SoftAudit
#		Per Hellberg <phellberg@isogon.com> February 2002
ifcp-port	3420/tcp	iFCP User Port
ifcp-port	3420/udp	iFCP User Port
#		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@ionnetworks.com> February 2002
xtrm	3423/tcp	xTrade Reliable Messaging
xtrm	3423/udp	xTrade Reliable Messaging
xtrms	3424/tcp	xTrade over TLS/SSL
xtrms	3424/udp	xTrade over TLS/SSL
#		Mats Nilsson <mats.nilsson@xware.se> February 2002
agps-port	3425/tcp	AGPS Access Port
agps-port	3425/udp	AGPS Access Port
#		Kristoffer Nilsson
#		<kristoffer.nilsson@hutchison3g.com> February 2002
arkivio	3426/tcp	Arkivio Storage Protocol
arkivio	3426/udp	Arkivio Storage Protocol
#		Bruce Greenblatt <bruce@arkivio.com> February 2002
websphere-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
#		Ronald Tschalaer <rtschalaer@2wire.com> February 2002
gcsp	3429/tcp	GCSP user port
gcsp	3429/udp	GCSP user port
#		Anirban Majumder <majumderanirban@lycos.com> March 2002
ssdispatch	3430/tcp	Scott Studios Dispatch
ssdispatch	3430/udp	Scott Studios Dispatch
#		Michael Settles <michael.settles@verizon.net> March 2002
ndl-als	3431/tcp	Active License Server Port
ndl-als	3431/udp	Active License Server Port
#		Quentin Brown <ndldev@ndl.co.uk> March 2002
osdcp	3432/tcp	Secure Device Protocol
osdcp	3432/udp	Secure Device Protocol
#		Peter Fernandez <fernandez@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
bw-config	3436/tcp	BurningWall ConfigSrv

bw-config	3436/udp	BurningWall ConfigSrv
#		Andreas Schwarz <andi@trancefield.de> March 2002
autocueds	3437/tcp	Autocue Directory Service
autocueds	3437/udp	Autocue Directory Service
#		Geoff Back <geoff@autocue.co.uk> March 2002
spiral-admin	3438/tcp	Spiralcraft Admin
spiral-admin	3438/udp	Spiralcraft Admin
#		Michael Toth <mike@spiralcraft.com> March 2002
hri-port	3439/tcp	HRI Interface Port
hri-port	3439/udp	HRI Interface Port
#		John Fayos <john.fayos@criticallink.com> March 2002
ans-console	3440/tcp	Net Steward Mgmt Console
ans-console	3440/udp	Net Steward Mgmt Console
#		John Richmond <developers@securitydesigners.com> March
connect-client	3441/tcp	OC Connect Client
connect-client	3441/udp	OC Connect Client
connect-server	3442/tcp	OC Connect Server
connect-server	3442/udp	OC Connect Server
#		Mike Velten <mike.Velten@liebert.com> March 2002
ov-nnm-websrv	3443/tcp	OpenView Network Node Manager WEB Server
ov-nnm-websrv	3443/udp	OpenView Network Node Manager WEB Server
#		Anthony Walker <anthony_walker@hp.com> March 2002
denali-server	3444/tcp	Denali Server
denali-server	3444/udp	Denali Server
#		Joe Devlin <Joe.Devlin@rocketsoftware.com> March 2002
monp	3445/tcp	Media Object Network
monp	3445/udp	Media Object Network
#		Ron Herardian <ron@zoogaloo.com> March 2002
3comfaxrpc	3446/tcp	3Com FAX RPC port
3comfaxrpc	3446/udp	3Com FAX RPC port
#		Christopher Wells <christopher_wells@3com.com> April 20
cddn	3447/tcp	CompuDuo DirectNet
cddn	3447/udp	CompuDuo DirectNet
#		Gregory Richards <GregorR@compuduo.com> April 2002
dnc-port	3448/tcp	Discovery and Net Config
dnc-port	3448/udp	Discovery and Net Config
#		Chi Chen <chichen@us.ibm.com> April 2002
hotu-chat	3449/tcp	HotU Chat
hotu-chat	3449/udp	HotU Chat
#		Tim Burgess <tim@hotu.com> April 2002
castorproxy	3450/tcp	CAStorProxy
castorproxy	3450/udp	CAStorProxy
#		Raymond J. Young <Raymond.Young@ca.com> April 2002
asam	3451/tcp	ASAM Services
asam	3451/udp	ASAM Services
#		Mike Gossett <mike@omnibond.com> April 2002
sabp-signal	3452/tcp	SABP-Signalling Protocol
sabp-signal	3452/udp	SABP-Signalling Protocol
#		Brendan McWilliams <brendan.mcwilliams@vf.vodafone.co.uk>
pscupd	3453/tcp	PSC Update Port
pscupd	3453/udp	PSC Update Port
#		Reid B. Ligon <reid.ligon@pscnet.com>
mira	3454/tcp	Apple Remote Access Protocol
#		Mike Alexander <mta@um.cc.umich.edu>
prsvp	3455/tcp	RSVP Port
prsvp	3455/udp	RSVP Port
#		Bob Braden <Braden@isi.edu>
vat	3456/tcp	VAT default data
vat	3456/udp	VAT default data
#		Van Jacobson <van@ee.lbl.gov>
vat-control	3457/tcp	VAT default control
vat-control	3457/udp	VAT default control
#		Van Jacobson <van@ee.lbl.gov>
d3winosfi	3458/tcp	D3WinOSFI

d3winosfi	3458/udp	D3WinOSFI
#		Brad Hamilton <bh@picksys.com>
integral	3459/tcp	TIP Integral
integral	3459/udp	TIP Integral
#		Olivier Mascia <om@tipgroup.com>
edm-manager	3460/tcp	EDM Manger
edm-manager	3460/udp	EDM Manger
edm-stager	3461/tcp	EDM Stager
edm-stager	3461/udp	EDM Stager
edm-std-notify	3462/tcp	EDM STD Notify
edm-std-notify	3462/udp	EDM STD Notify
edm-adm-notify	3463/tcp	EDM ADM Notify
edm-adm-notify	3463/udp	EDM ADM Notify
edm-mgr-sync	3464/tcp	EDM MGR Sync
edm-mgr-sync	3464/udp	EDM MGR Sync
edm-mgr-cntrl	3465/tcp	EDM MGR Cntrl
edm-mgr-cntrl	3465/udp	EDM MGR Cntrl
#		Tom Hennessy <thenn@novadigm.com>
workflow	3466/tcp	WORKFLOW
workflow	3466/udp	WORKFLOW
#		Robert Hufsky <rhufsky@csesys.co.at>
rcst	3467/tcp	RCST
rcst	3467/udp	RCST
#		Kit Sturgeon <Kit@remotecontrolsextoys.com>
ttcmremotectl	3468/tcp	TTCM Remote Controll
ttcmremotectl	3468/udp	TTCM Remote Controll
#		Yossi Cohen-Shahar <yossi@proxy.co.il>
pluribus	3469/tcp	Pluribus
pluribus	3469/udp	Pluribus
#		Mark Miller <markm@caplet.com>
jt400	3470/tcp	jt400
jt400	3470/udp	jt400
jt400-ssl	3471/tcp	jt400-ssl
jt400-ssl	3471/udp	jt400-ssl
#		Clifton Nock <cnock@us.ibm.com>
jaugsremotec-1	3472/tcp	JAUGS N-G Remotec 1
jaugsremotec-1	3472/udp	JAUGS N-G Remotec 1
jaugsremotec-2	3473/tcp	JAUGS N-G Remotec 2
jaugsremotec-2	3473/udp	JAUGS N-G Remotec 2
#		Steven B. Cliff <scliff@remotec-andros.com> April 2002
ttntspauto	3474/tcp	TSP Automation
ttntspauto	3474/udp	TSP Automation
#		Arnie Koster <akoster@teltone.com> April 2002
genisar-port	3475/tcp	Genisar Comm Port
genisar-port	3475/udp	Genisar Comm Port
#		Candace Niccolson <cniccolson@genisar.com> April 2002
nppmp	3476/tcp	NVIDIA Mgmt Protocol
nppmp	3476/udp	NVIDIA Mgmt Protocol
#		Gilbert Yeung <gyeung@nvidia.com> April 2002
ecomm	3477/tcp	eComm link port
ecomm	3477/udp	eComm link port
#		Thomas Soerensen <thomassoerensen@stofanet.dk> April 2002
nat-stun-port	3478/tcp	Simple Traversal of UDP Through NAT (STUN) port
nat-stun-port	3478/udp	Simple Traversal of UDP Through NAT (STUN) port
#		Jonathan Rosenberg <jdrosen@dynamicsoft.com> April 2002
twrpc	3479/tcp	2Wire RPC
twrpc	3479/udp	2Wire RPC
#		Ronald Tschalaer <rtschalaer@2wire.com> April 2002
#	3480-3493	Unassigned
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
#	3497-3499	Unassigned
rtmp-port	3500/tcp	RTMP Port
rtmp-port	3500/udp	RTMP Port
#		Miriam Wohlgelernter <miriamw@adirtech.com>
isoft-p2p	3501/tcp	iSoft-P2P
isoft-p2p	3501/udp	iSoft-P2P
#		David Walling <dwalling@isoft.com>
avinstalldisc	3502/tcp	Avocent Install Discovery
avinstalldisc	3502/udp	Avocent Install Discovery
#		Brian S. Stewart <Brian.Stewart@Avovent.com>
lsp-ping	3503/tcp	MPLS LSP-echo Port
lsp-ping	3503/udp	MPLS LSP-echo Port
#		Ping Pan <pingpan@juniper.net>
ironstorm	3504/tcp	IronStorm game server
ironstorm	3504/udp	IronStorm game server
#		Arnaud Clermonte <clermonte@4xtechnologies.com>
ccmcomm	3505/tcp	CCM communications port
ccmcomm	3505/udp	CCM communications port
#		Tom Bougan <tomb@apptechsys.com>
apc-aem-status	3506/tcp	APC Device Status Port
apc-aem-status	3506/udp	APC Device Status Port
#		Jeffrey B. Collemer <jcolleme@apcc.com>
nesh-broker	3507/tcp	Nesh Broker Port
nesh-broker	3507/udp	Nesh Broker Port
#		Jeremy Maiden <jeremy@komarr.demon.co.uk>
interactionweb	3508/tcp	Interaction Web
interactionweb	3508/udp	Interaction Web
#		Andy Niksch <andyn@inin.com>
#	3509-3534	Unassigned
ms-la	3535/tcp	MS-LA
ms-la	3535/udp	MS-LA
#		Eric Ledoux <ericle@microsoft.com>
#	3536-3562	Unassigned
watcomdebug	3563/tcp	Watcom Debug
watcomdebug	3563/udp	Watcom Debug
#		Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
#	3564-3616	Unassigned
sharp-server	3617/tcp	ATI SHARP Logic Engine
sharp-server	3617/udp	ATI SHARP Logic Engine
#		Bill Reveile <Bill@allentek.com>
#	3618-3671	Unassigned
lispworks-orb	3672/tcp	LispWorks ORB
lispworks-orb	3672/udp	LispWorks ORB
#		Lisp Support <lisp-support@xanalis.com>
#	3673-3708	Unassigned
ca-idms	3709/tcp	CA-IDMS Server
ca-idms	3709/udp	CA-IDMS Server
#		Dave Ross <david.ross@ca.com>
#	3710-3736	Unassigned
sphidia-port	3737/tcp	Sphidia Game Port
sphidia-port	3737/udp	Sphidia Game Port
#		Steven Cento <steven@sphidia.com>
#	3738-3801	Unassigned
vhd	3802/tcp	VHD
vhd	3802/udp	VHD
#		Chris Duncombe <cdunc@intoo.com>
#	3803-3844	Unassigned
v-one-spp	3845/tcp	V-ONE Single Port Proxy
v-one-spp	3845/udp	V-ONE Single Port Proxy
#		Daniel Becker <dbecker@v-one.com>
#	3846-3861	Unassigned

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giga-pocket      3862/tcp      GIGA-POCKET
giga-pocket      3862/udp      GIGA-POCKET
#               Yoshikazu Watanabe <nabe@sm.sony.co.jp>
#               3863-3874 Unassigned
pnbscada        3875/tcp      PNBSCADA
pnbscada        3875/udp      PNBSCADA
#               Philip N. Bergstresser <phil@bergstresser.org>
#               3876-3884 Unassigned
topflow-ssl     3885/tcp      TopFlow SSL
topflow-ssl     3885/udp      TopFlow SSL
#               Ken Nelson <nelson@TopLayer.com>
#               3886-3899 Unassigned
udt_os          3900/tcp      Unidata UDT OS
udt_os          3900/udp      Unidata UDT OS
#               James Powell <james@mailhost.unidata.com>
#               3901-3938 Unassigned
aamp            3939/tcp      Anti-virus Application Management Port
aamp            3939/udp      Anti-virus Application Management Port
#               In-sik Choi <iscard@virusdesk.com> February 2002
#               3940-3983 Unassigned
mapper-nodemgr  3984/tcp      MAPPER network node manager
mapper-nodemgr  3984/udp      MAPPER network node manager
mapper-mapethd  3985/tcp      MAPPER TCP/IP server
mapper-mapethd  3985/udp      MAPPER TCP/IP server
mapper-ws_ethd  3986/tcp      MAPPER workstation server
mapper-ws_ethd  3986/udp      MAPPER workstation server
#               John C. Horton <jch@unirsvl.rsvl.unisys.com>
centerline      3987/tcp      Centerline
centerline      3987/udp      Centerline
#               Mark Simpson <simpson@centerline.com>
#               3988-3999 Unassigned
terabase        4000/tcp      Terabase
terabase        4000/udp      Terabase
#               Thor Olson <Thor@terabase.com>

##### Potential Conflict of ports #####
##### PORT 4000 also used by ICQ <www.icq.com> #####
newoak          4001/tcp      NewOak
newoak          4001/udp      NewOak
#               Jim Philippou <jphilippou@newoak.com>
pxc-spvr-ft     4002/tcp      pxc-spvr-ft
pxc-spvr-ft     4002/udp      pxc-spvr-ft
pxc-splr-ft     4003/tcp      pxc-splr-ft
pxc-splr-ft     4003/udp      pxc-splr-ft
pxc-roid        4004/tcp      pxc-roid
pxc-roid        4004/udp      pxc-roid
pxc-pin         4005/tcp      pxc-pin
pxc-pin         4005/udp      pxc-pin
pxc-spvr        4006/tcp      pxc-spvr
pxc-spvr        4006/udp      pxc-spvr
pxc-splr        4007/tcp      pxc-splr
pxc-splr        4007/udp      pxc-splr
#               Dave Nesbitt <nesbitt@cpl0.es.xerox.com>
netcheque       4008/tcp      NetCheque accounting
netcheque       4008/udp      NetCheque accounting
#               B. Clifford Neuman <bcn@isi.edu>
chimera-hwm     4009/tcp      Chimera HWM
chimera-hwm     4009/udp      Chimera HWM
#               Ken Anderson <kanderso@kleber.ICS.UCI.EDU>
samsung-unidex  4010/tcp      Samsung Unidex
samsung-unidex  4010/udp      Samsung Unidex
#               Konstantin V. Vyaznikov <kv@ssm6000.samsung.ru>
altserviceboot  4011/tcp      Alternate Service Boot
altserviceboot  4011/udp      Alternate Service Boot

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# Eric Dittert <Eric_Dittert@ccm.jf.intel.com>
pda-gate 4012/tcp PDA Gate
pda-gate 4012/udp PDA Gate
# Masakuni Okada <masakuni@jp.ibm.com>
acl-manager 4013/tcp ACL Manager
acl-manager 4013/udp ACL Manager
# Toru Murai <murai@saint.nm.fujitsu.co.jp>
taiclock 4014/tcp TAICLOCK
taiclock 4014/udp TAICLOCK
# Dan Bernstein <djb@koobera.math.uic.edu>
talarian-mcast1 4015/tcp Talarian Mcast
talarian-mcast1 4015/udp Talarian Mcast
talarian-mcast2 4016/tcp Talarian Mcast
talarian-mcast2 4016/udp Talarian Mcast
talarian-mcast3 4017/tcp Talarian Mcast
talarian-mcast3 4017/udp Talarian Mcast
talarian-mcast4 4018/tcp Talarian Mcast
talarian-mcast4 4018/udp Talarian Mcast
talarian-mcast5 4019/tcp Talarian Mcast
talarian-mcast5 4019/udp Talarian Mcast
# Geoff Mendal <mendal@talarian.com>
trap 4020/tcp TRAP Port
trap 4020/udp TRAP Port
# Jeffrey C. Byrd <admin@vspacegroup.com>
nexus-portal 4021/tcp Nexus Portal
nexus-portal 4021/udp Nexus Portal
# Damian Tarnawsky <support@nexusconcepts.com>
dnox 4022/tcp DNOX
dnox 4022/udp DNOX
# Leo Rathnayake <leo@perlnet.com>
esnm-zoning 4023/tcp ESNM Zoning Port
esnm-zoning 4023/udp ESNM Zoning Port
# Yong Cai <ycai@emc.com>
tnp1-port 4024/tcp TNP1 User Port
tnp1-port 4024/udp TNP1 User Port
# Tony Gibbs <tony.gibbs@europe.simoco.com>
partimage 4025/tcp Partition Image Port
partimage 4025/udp Partition Image Port
# Franck Ladurelle <ladurelf@partimage.org>
as-debug 4026/tcp Graphical Debug Server
as-debug 4026/udp Graphical Debug Server
# Steve Halverson <shalver@us.ibm.com>
bxp 4027/tcp bitxpress
bxp 4027/udp bitxpress
# Morgan Doyle <morgan@mpt.ie>
dtserver-port 4028/tcp DTServer Port
dtserver-port 4028/udp DTServer Port
# Stephen Aikins <stephen.aikins@embarcadero.com>
ip-qsig 4029/tcp IP Q signaling protocol
ip-qsig 4029/udp IP Q signaling protocol
# Toru Tachibana <tatibana@exs.ts.fujitsu.co.jp>
jdmn-port 4030/tcp Accell/JSP Daemon Port
jdmn-port 4030/tcp Accell/JSP Daemon Port
# Art Grand <aig@unify.com>
suucp 4031/tcp UUCP over SSL
suucp 4031/udp UUCP over SSL
# Harald Welte <laforge@gnumonks.org>
vrts-auth-port 4032/tcp VERITAS Authorize Server
vrts-auth-port 4032/udp VERITAS Authorize Server
# Stefan P.W. Winkel <stefan@veritas.com>
sanavigator 4033/tcp SANavigator Peer Port
sanavigator 4033/udp SANavigator Peer Port
# Robert J. Chansler <rchansler@SANavigator.com>
ubxd 4034/tcp Ubiquinox Daemon

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ubxd                4034/udp    Ubiquinox Daemon
#                  Kit Smithers <ksmithers@argogroup.com>
wap-push-http      4035/tcp    WAP Push OTA-HTTP port
wap-push-http      4035/udp    WAP Push OTA-HTTP port
wap-push-https     4036/tcp    WAP Push OTA-HTTP secure
wap-push-https     4036/udp    WAP Push OTA-HTTP secure
#                  Matthieu Lachance
#                  <matthieu.lachance@openwave.com>
#                  4037-4039 Unassigned
yo-main            4040/tcp    Yo.net main service
yo-main            4040/udp    Yo.net main service
#                  John Tintor <jt@yo.net>
houston            4041/tcp    Rocketeer-Houston
houston            4041/udp    Rocketeer-Houston
#                  Johnny C. Norris II <jnorriss@uiuc.edu>
ldxp               4042/tcp    LDXP
ldxp               4042/udp    LDXP
#                  Craig Calef <craig@katmango.com>
#                  4043-4095 Unassigned
bre                4096/tcp    BRE (Bridge Relay Element)
bre                4096/udp    BRE (Bridge Relay Element)
#                  Stephen Egbert <egbert@ra.timeplex.com>
patrolview         4097/tcp    Patrol View
patrolview         4097/udp    Patrol View
#                  Vincent Chin <vincent_chin@bmc.com>
drmsfsd            4098/tcp    drmsfsd
drmsfsd            4098/udp    drmsfsd
#                  Masao Iwai <iwai@kel.fujitsu.co.jp>
dpcp               4099/tcp    DPCP
dpcp               4099/udp    DPCP
#                  John Croft <john.croft@calista.demon.co.uk>
#                  4100-4131 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
#                  Ryuichi Suzuki <SCI00376@niftyserve.or.jp>
oirtgsvc           4141/tcp    Workflow Server
oirtgsvc           4141/udp    Workflow Server
oidocsvc           4142/tcp    Document Server
oidocsvc           4142/udp    Document Server
oidsr              4143/tcp    Document Replication
oidsr              4143/udp    Document Replication
#                  Norman Brie <norm_brie@sns.ca>
##### Compuserve (unofficially) is using port 4144 #####
#                  4144 Unassigned
vvr-control        4145/tcp    VVR Control
vvr-control        4145/udp    VVR Control
#                  Ming Xu <ming@veritas.com>
#                  4146-4159 Unassigned
jini-discovery     4160/tcp    Jini Discovery
jini-discovery     4160/udp    Jini Discovery
#                  Bryan O'Sullivan <Bryan.OSullivan@Sun.COM>
#                  4161-4198 Unassigned
eims-admin         4199/tcp    EIMS ADMIN
eims-admin         4199/udp    EIMS ADMIN
#                  Glenn Anderson <glenn@qualcomm.co.nz>
vrml-multi-use     4200-4299 VRML Multi User Systems
#                  Mitra <mitra@earth.path.net>
corelccam          4300/tcp    Corel CCam
corelccam          4300/udp    Corel CCam

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#                               Jason Aiken <jasona@corelcomputer.com>
#                               4301-4320 Unassigned
rwhois                          4321/tcp Remote Who Is
rwhois                          4321/udp Remote Who Is
#                               Mark Kosters <markk@internic.net>
unicall                         4343/tcp UNICALL
unicall                         4343/udp UNICALL
#                               James Powell <james@enghp.unidata.comp>
vinainstall                    4344/tcp VinaInstall
vinainstall                    4344/udp VinaInstall
#                               Jay Slupesky <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 <rminnich@sarnoff.com>
net-device                     4350/tcp Net Device
net-device                     4350/udp Net Device
#                               Glenn Peterson <glennp@microsoft.com>
plcy-net-svcs                  4351/tcp PLCY Net Services
plcy-net-svcs                  4351/udp PLCY Net Services
#                               J.J. Ekstrom
#                               4352 Unassigned
f5-iquery                      4353/tcp F5 iQuery
f5-iquery                      4353/udp F5 iQuery
#                               Tom Kee <t.kee@f5.com>
qsnets-trans                   4354/tcp QSNet Transmitter
qsnets-trans                   4354/udp QSNet Transmitter
qsnets-workst                  4355/tcp QSNet Workstation
qsnets-workst                  4355/udp QSNet Workstation
qsnets-assist                  4356/tcp QSNet Assistant
qsnets-assist                  4356/udp QSNet Assistant
qsnets-cond                    4357/tcp QSNet Conductor
qsnets-cond                    4357/udp QSNet Conductor
qsnets-nucl                    4358/tcp QSNet Nucleus
qsnets-nucl                    4358/udp QSNet Nucleus
#                               Neer Kleinman <neer@qsr.co.il>
#                               4359-4441 Unassigned
saris                          4442/tcp Saris
saris                          4442/udp Saris
pharos                         4443/tcp Pharos
pharos                         4443/udp Pharos
#                               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>
nl-fwf                          4446/tcp  N1-FWP
nl-fwf                          4446/udp  N1-FWP
nl-rmgmt                        4447/tcp  N1-RMGMT
nl-rmgmt                        4447/udp  N1-RMGMT
#                               Lori Tassin <Ramsey@network-1.com>
asc-slmd                        4448/tcp  ASC Licence Manager
asc-slmd                        4448/udp  ASC Licence Manager
#                               Casper Stoel <cbs@ascinc.com>
privatewire                     4449/tcp  PrivateWire
privatewire                     4449/udp  PrivateWire
#                               Uri Resnitzky <uri@arx.com>
camp                            4450/tcp  Camp
camp                            4450/udp  Camp
ctisystemmsg                   4451/tcp  CTI System Msg
ctisystemmsg                   4451/udp  CTI System Msg
ctiprogramload                 4452/tcp  CTI Program Load
ctiprogramload                 4452/udp  CTI Program Load
#                               Steven Cliff <sbcliff@controltechnology.com>
nssalertmgr                    4453/tcp  NSS Alert Manager
nssalertmgr                    4453/udp  NSS Alert Manager
nssagentmgr                    4454/tcp  NSS Agent Manager
nssagentmgr                    4454/udp  NSS Agent Manager
#                               Jim Hill <jhill@symantec.com>
prchat-user                    4455/tcp  PR Chat User
prchat-user                    4455/udp  PR Chat User
prchat-server                  4456/tcp  PR Chat Server
prchat-server                  4456/udp  PR Chat Server
prRegister                     4457/tcp  PR Register
prRegister                     4457/udp  PR Register
#                               Donny Gilor <dgilor@pop01.ny.us.ibm.net>
#                               4458-4499  Unassigned
ipsec-msft                     4500/tcp  Microsoft IPsec NAT-T
ipsec-msft                     4500/udp  Microsoft IPsec NAT-T
#                               Christian Huitema <Huitema@microsoft.com> March 2002
#                               4501  De-registered (08 June 2001)
#                               IANA <iana@iana.org>
#                               4502-4544  Unassigned
worldscores                    4545/tcp  WorldScores
worldscores                    4545/udp  WorldScores
#                               Steve Davis <sdavis@optum-inc.com>
sf-lm                          4546/tcp  SF License Manager (Sentinel)
sf-lm                          4546/udp  SF License Manager (Sentinel)
#                               Thomas Koell <koell@sf.com>
lanner-lm                      4547/tcp  Lanner License Manager
lanner-lm                      4547/udp  Lanner License Manager
#                               Les Enstone <lenstone@lanner.co.uk>
#                               4548-4554  Unassigned
rsip                           4555/tcp  RSIP Port
rsip                           4555/udp  RSIP Port
#                               RFC 3103
#                               4556-4558  Unassigned
hylafax                        4559/tcp  HylaFAX
hylafax                        4559/udp  HylaFAX
#                               Lee Howard <iana@hylafax.org> March 2002
#                               4560-4566  Unassigned
tram                           4567/tcp  TRAM
tram                           4567/udp  TRAM
#                               Joe Wesley <joe.wesley@east.sun.com>
bmc-reporting                  4568/tcp  BMC Reporting
bmc-reporting                  4568/udp  BMC Reporting
#                               Randall De Weerd <rdeweerd@bmc.com>
#                               4569-4599  Unassigned
piranha1                       4600/tcp  Piranha1

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piranha1      4600/udp    Piranha1
piranha2      4601/tcp    Piranha2
piranha2      4601/udp    Piranha2
#             Primark Corporation <joe.boone@primark.com>
#             4602-4659 Unassigned
smaclmgr      4660/tcp    smaclmgr
smaclmgr      4660/udp    smaclmgr
#             Hiromi Taki <stg-togo@saint.nm.fujitsu.co.jp>
kar2ouche     4661/tcp    Kar2ouche Peer location service
kar2ouche     4661/udp    Kar2ouche Peer location service
#             Andy Krouwel <andy@kar2ouche.com>
#             4662-4671 Unassigned
rfa           4672/tcp    remote file access server
rfa           4672/udp    remote file access server
#             4673-4751 Unassigned
snap          4752/tcp    Simple Network Audio Protocol
snap          4752/udp    Simple Network Audio Protocol
#             Dameon Wagner <d.wagner@freemail.absa.co.za> February 21
#             4753-4799 Unassigned
iims          4800/tcp    Icona Instant Messaging System
iims          4800/udp    Icona Instant Messaging System
iwec          4801/tcp    Icona Web Embedded Chat
iwec          4801/udp    Icona Web Embedded Chat
ilss          4802/tcp    Icona License System Server
ilss          4802/udp    Icona License System Server
#             Paul Stephen Borlie <paul@icona.it>
#             4803-4826 Unassigned
htcp          4827/tcp    HTCP
htcp          4827/udp    HTCP
#             Paul Vixie <paul@vix.com>
#             4828-4836 Unassigned
varadero-0    4837/tcp    Varadero-0
varadero-0    4837/udp    Varadero-0
varadero-1    4838/tcp    Varadero-1
varadero-1    4838/udp    Varadero-1
varadero-2    4839/tcp    Varadero-2
varadero-2    4839/udp    Varadero-2
#             Carlos Arteaga <carteaga@abacoinc.com>
#             4840-4867 Unassigned
phrelay       4868/tcp    Photon Relay
phrelay       4868/udp    Photon Relay
phrelaydbg    4869/tcp    Photon Relay Debug
phrelaydbg    4869/udp    Photon Relay Debug
#             Michael Hunter <mphunter@qnx.com>
#             4870-4884 Unassigned
abbs          4885/tcp    ABBS
abbs          4885/udp    ABBS
#             Ryan Rubley <root@ark.dyn.ml.org>
#             4886-4893 Unassigned
lyskom        4894/tcp    LysKOM Protocol A
lyskom        4894/udp    LysKOM Protocol A
#             Per Cederqvist <ceder@lysator.liu.se>
#             4895-4982 Unassigned
att-intercom  4983/tcp    AT&T Intercom
att-intercom  4983/udp    AT&T Intercom
#             Tony Hansen <intercom@mailennium.att.com>
#             4984-4986 Unassigned
smar-se-port1 4987/tcp    SMAR Ethernet Port 1
smar-se-port1 4987/udp    SMAR Ethernet Port 1
smar-se-port2 4988/tcp    SMAR Ethernet Port 2
smar-se-port2 4988/udp    SMAR Ethernet Port 2
#             Delcio Prizon <dprizon@smar.com.br>
#             4989-4999 Unassigned
complex-main  5000/tcp

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complex-main	5000/udp	
complex-link	5001/tcp	
complex-link	5001/udp	
rfe	5002/tcp	radio free ethernet
rfe	5002/udp	radio free ethernet
fmpro-internal	5003/tcp	FileMaker, Inc. - Proprietary transport
fmpro-internal	5003/udp	FileMaker, Inc. - Proprietary name binding
#		Clay Maeckel <clay_maeckel@filemaker.com>
avt-profile-1	5004/tcp	avt-profile-1
avt-profile-1	5004/udp	avt-profile-1
avt-profile-2	5005/tcp	avt-profile-2
avt-profile-2	5005/udp	avt-profile-2
#		Henning Schulzrinne <schulzrinne@fokus.gmd.de>
wsm-server	5006/tcp	wsm server
wsm-server	5006/udp	wsm server
wsm-server-ssl	5007/tcp	wsm server ssl
wsm-server-ssl	5007/udp	wsm server ssl
#		WRQ <markd@wrq.com>
synapsis-edge	5008/tcp	Synapsis EDGE
synapsis-edge	5008/udp	Synapsis EDGE
#		Paul Schilling <PaulS@Synapsis.com>
#	5009	Unassigned
telelpathstart	5010/tcp	TelepathStart
telelpathstart	5010/udp	TelepathStart
telelpathattack	5011/tcp	TelepathAttack
telelpathattack	5011/udp	TelepathAttack
#		Helmuth Breitenfellner <hbreitenf@vnet.imb.com>
#	5012-5019	Unassigned
zenginkyo-1	5020/tcp	zenginkyo-1
zenginkyo-1	5020/udp	zenginkyo-1
zenginkyo-2	5021/tcp	zenginkyo-2
zenginkyo-2	5021/udp	zenginkyo-2
#		Masashi Suzuki <susakim@noa.nttdata.jp>
mice	5022/tcp	mice server
mice	5022/udp	mice server
#		Alan Clifford <alan@clifford.ac>
htuilsrv	5023/tcp	Htuil Server for PLD2
htuilsrv	5023/udp	Htuil Server for PLD2
#		Dennis Reinhardt <DennisR@dair.com>
#	5024-5041	Unassigned
asnaacceler8db	5042/tcp	asnaacceler8db
asnaacceler8db	5042/udp	asnaacceler8db
#		Walter Goodwin <wpgoodwin@asna.com>
#	5043-5049	Unassigned
mmcc	5050/tcp	multimedia conference control tool
mmcc	5050/udp	multimedia conference control tool
#		Steve Casner <Casner@isi.edu>
ita-agent	5051/tcp	ITA Agent
ita-agent	5051/udp	ITA Agent
ita-manager	5052/tcp	ITA Manager
ita-manager	5052/udp	ITA Manager
#		Don Merrell <donmer@axent.com>
#	5053-5054	Unassigned
unot	5055/tcp	UNOT
unot	5055/udp	UNOT
#		Gordon Mohr <gmohr@cmgisolutions.com>
intecom-ps1	5056/tcp	Intecom PS 1
intecom-ps1	5056/udp	Intecom PS 1
intecom-ps2	5057/tcp	Intecom PS 2
intecom-ps2	5057/udp	Intecom PS 2
#		David Meermans <dmeermans@intecom.com>
#	5058-5059	Unassigned
sip	5060/tcp	SIP
sip	5060/udp	SIP

sip-tls	5061/tcp	SIP-TLS
sip-tls	5061/udp	SIP-TLS
#		Henning Schulzrinne <hgs@cs.columbia.edu>
#	5062-5067	Unassigned
stanag-5066	5066/tcp	STANAG-5066-SUBNET-INTF
stanag-5066	5066/udp	STANAG-5066-SUBNET-INTF
#		Donald G. Kallgren
#		<Donald.Kallgren@nc3a.nato.int>
#	5062-5068	Unassigned
i-net-2000-npr	5069/tcp	I/Net 2000-NPR
i-net-2000-npr	5069/udp	I/Net 2000-NPR
#		Kenny Garrison <Kenny_Garrison@csicontrols.com>
#	5070	Unassigned
powerschool	5071/tcp	PowerSchool
powerschool	5071/udp	PowerSchool
#		Greg Porter <gporter@powerschool.com>
#	5072-5080	Unassigned
sdl-ets	5081/tcp	SDL - Ent Trans Server
sdl-ets	5081/udp	SDL - Ent Trans Server
#		Marc Morin <mmorin@sdlintl.com> April 2002
#	5082-5092	Unassigned
sentinel-lm	5093/tcp	Sentinel LM
sentinel-lm	5093/udp	Sentinel LM
#		Derick Snyder <dsnyder@rainbow.com>
#	5094-5098	Unassigned
sentlm-srv2srv	5099/tcp	SentLM Srv2Srv
sentlm-srv2srv	5099/udp	SentLM Srv2Srv
#		Derick Snyder <dsnyder@rainbow.com>
#	5100	Unassigned
talarian-tcp	5101/tcp	Talarian_TCP
talarian-udp	5101/udp	Talarian_UDP
#		Leo Martins <leo@talarian.com>
#	5102-5144	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>
#	5153-5164	Unassigned
ife_icorp	5165/tcp	ife_lcorp
ife_icorp	5165/udp	ife_lcorp
#		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

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targus-getdata1 5201/udp TARGUS GetData 1
targus-getdata2 5202/tcp TARGUS GetData 2
targus-getdata2 5202/udp TARGUS GetData 2
targus-getdata3 5203/tcp TARGUS GetData 3
targus-getdata3 5203/udp TARGUS GetData 3
# John Keaveney <johnkeaveney@targusinfo.com>
# 5204-5221 Unassigned
jabber-client 5222/tcp Jabber Client Connection
jabber-client 5222/udp Jabber Client Connection
# David Waite <mass@akuma.org> February 2002
# 5223-5224 Unassigned
hp-server 5225/tcp HP Server
hp-server 5225/udp HP Server
hp-status 5226/tcp HP Status
hp-status 5226/udp HP Status
# Brett Green <Brett_Green@HP.Com>
# 5227-5235 Unassigned
padl2sim 5236/tcp
padl2sim 5236/udp
# 5237-5249 Unassigned
igateway 5250/tcp iGateway
igateway 5250/udp iGateway
# Greg Bodine <gregory.bodine@ca.com> February 2002
# 5251-5268 Unassigned
jabber-server 5269/tcp Jabber Server Connection
jabber-server 5269/udp Jabber Server Connection
# David Waite <mass@akuma.org> February 2002
# 5270-5271 Unassigned
pk 5272/tcp PK
pk 5272/udp PK
# Patrick Kara <Patrick@EBA.NET>
# 5273-5299 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@hpos1102.cup.hp>
# Edward Yim <eyim@hpmfas4.cup.hp.com>
sun-mc-grp 5306/tcp Sun MC Group
sun-mc-grp 5306/udp Sun MC Group
# Michael DeMoney <demoney@eng.sun.com>
sco-aip 5307/tcp SCO AIP
sco-aip 5307/udp SCO AIP
# Barrie Cooper <barrie@sco.com>
cfengine 5308/tcp CFEngine
cfengine 5308/udp CFEngine
# Mark Burgess <mark.burgess@iu.hioslo.no>
jprinter 5309/tcp J Printer
jprinter 5309/udp J Printer
# Ken Blackwell <kenb@bristol.com>
outlaws 5310/tcp Outlaws
outlaws 5310/udp Outlaws
# Richard Fife <richardf@lucasarts.com>
tmlogin 5311/tcp TM Login
tmlogin 5311/udp TM Login
# Eric Sharakan <eric.sharakan@east.sun.com>

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# 5312-5313 Unassigned
opalis-rbt-ipc 5314/tcp opalis-rbt-ipc
opalis-rbt-ipc 5314/udp opalis-rbt-ipc
# Laurent Domenech <ldomenech@opalis.com>
hacl-poll 5315/tcp HA Cluster UDP Polling
hacl-poll 5315/udp HA Cluster UDP Polling
# Hoa Nguyen <hoan@cup.hp.com>
# 5316-5352 Unassigned
mdns 5353/tcp Multicast DNS
mdns 5353/udp Multicast DNS
# Stuart Cheshire <cheshire@multicastdns.org>
# 5354-5399 Unassigned
excerpt 5400/tcp Excerpt Search
excerpt 5400/udp Excerpt Search
excerpts 5401/tcp Excerpt Search Secure
excerpts 5401/udp Excerpt Search Secure
# John Hinsdale <hin@alma.com>
mftp 5402/tcp MFTP
mftp 5402/udp MFTP
# Alan Rosenberg <arosen@starburstcom.com>
hpoms-ci-lstn 5403/tcp HPOMS-CI-LSTN
hpoms-ci-lstn 5403/udp HPOMS-CI-LSTN
hpoms-dps-lstn 5404/tcp HPOMS-DPS-LSTN
hpoms-dps-lstn 5404/udp HPOMS-DPS-LSTN
# Harold Froehling <hrf@cup.hp.com>
netsupport 5405/tcp NetSupport
netsupport 5405/udp NetSupport
# Paul Sanders <pe77@dial.pipex.com>
systemics-sox 5406/tcp Systemics Sox
systemics-sox 5406/udp Systemics Sox
# Gary Howland <gary@systemics.com>
foresyte-clear 5407/tcp Foresyte-Clear
foresyte-clear 5407/udp Foresyte-Clear
foresyte-sec 5408/tcp Foresyte-Sec
foresyte-sec 5408/udp Foresyte-Sec
# Jorge Aldana <operator@foresyte.com>
salient-dtasrv 5409/tcp Salient Data Server
salient-dtasrv 5409/udp Salient Data Server
salient-usrmgr 5410/tcp Salient User Manager
salient-usrmgr 5410/udp Salient User Manager
# Richard Farnham <rfarnham@salient.com>
actnet 5411/tcp ActNet
actnet 5411/udp ActNet
# Simon Robillard <RobillardS@actresearch.com>
continuus 5412/tcp Continuus
continuus 5412/udp Continuus
# Steven Holtsberg <steveh@continuus.com>
wwiotalk 5413/tcp WWIOTALK
wwiotalk 5413/udp WWIOTALK
# Roger Knobbe <RogerK@Wonderware.COM>
statusd 5414/tcp StatusD
statusd 5414/udp StatusD
# Stephen Misel <steve@satelnet.org>
ns-server 5415/tcp NS Server
ns-server 5415/udp NS Server
# Jeffrey Chiao <chiaoj@netsoft.com>
sns-gateway 5416/tcp SNS Gateway
sns-gateway 5416/udp SNS Gateway
sns-agent 5417/tcp SNS Agent
sns-agent 5417/udp SNS Agent
# Mary Holstage <holstege@firstfloor.com>
mcntp 5418/tcp MCNTP
mcntp 5418/udp MCNTP
# Heiko Rupp <hwr@pilhuhn.de>

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dj-ice	5419/tcp	DJ-ICE
dj-ice	5419/udp	DJ-ICE
#		Don Tyson <don.tyson@cor.dowjones.com>
cylink-c	5420/tcp	Cylink-C
cylink-c	5420/udp	Cylink-C
#		John Jobe <jjobe@cylink.com>
netsupport2	5421/tcp	Net Support 2
netsupport2	5421/udp	Net Support 2
#		Paul Sanders <p.sanders@dial.pipex.com>
salient-mux	5422/tcp	Salient MUX
salient-mux	5422/udp	Salient MUX
#		Richard Farnham <rfarnham@salient.com>
virtualuser	5423/tcp	VIRTUALUSER
virtualuser	5423/udp	VIRTUALUSER
#		Chad Williams <chad@apple.com>
#	5424-5425	Unassigned
devbasic	5426/tcp	DEVBASIC
devbasic	5426/udp	DEVBASIC
#		Curtis Smith <curtis.smith@vsin.com>
sco-peer-tta	5427/tcp	SCO-PEER-TTA
sco-peer-tta	5427/udp	SCO-PEER-TTA
#		Andrew Shire <sndrewsh@sco.com>
telaconsole	5428/tcp	TELAconsole
telaconsole	5428/udp	TELAconsole
#		Joseph M. Newcomer <newcomer@flounder.com>
base	5429/tcp	Billing and Accounting System Exchange
base	5429/udp	Billing and Accounting System Exchange
#		Odo Maletzki <Odo.Maletzki@ioag.de>
radec-corp	5430/tcp	RADEC CORP
radec-corp	5430/udp	RADEC CORP
#		David Chell <david@softlife.co.nz>
park-agent	5431/tcp	PARK AGENT
park-agent	5431/udp	PARK AGENT
#		John Clifford <John.Clifford@veritas.com>
postgresql	5432/tcp	PostgreSQL Database
postgresql	5432/udp	PostgreSQL Database
#		Tom Lane <tgl@sss.pgh.pa.us>
#	5433-5434	Unassigned
dttl	5435/tcp	Data Tunneling Transceiver Linking (DTTL)
dttl	5435/udp	Data Tunneling Transceiver Linking (DTTL)
#		Richard Olsen <Olsen7@liquefaction.com>
#	5436-5453	Unassigned
apc-tcp-udp-4	5454/tcp	apc-tcp-udp-4
apc-tcp-udp-4	5454/udp	apc-tcp-udp-4
apc-tcp-udp-5	5455/tcp	apc-tcp-udp-5
apc-tcp-udp-5	5455/udp	apc-tcp-udp-5
apc-tcp-udp-6	5456/tcp	apc-tcp-udp-6
apc-tcp-udp-6	5456/udp	apc-tcp-udp-6
#		Christian Kuiawa <ckuiawa@apcc.com>
#	5457-5460	Unassigned
silkmeter	5461/tcp	SILKMETER
silkmeter	5461/udp	SILKMETER
#		Alexander Kotopoulos <alexk@segue.com>
ttl-publisher	5462/tcp	TTL Publisher
ttl-publisher	5462/udp	TTL Publisher
#		Peter Jacobs <pjacobs@tullib.com>
ttlpriceproxy	5463/tcp	TTL Price Proxy
ttlpriceproxy	5463/udp	TTL Price Proxy
#		Peter Jacobs <pjacobs@tullib.com>
#	5464	Unassigned
netops-broker	5465/tcp	NETOPS-BROKER
netops-broker	5465/udp	NETOPS-BROKER
#		John R. Deuel <kink@netops.com>
#	5466-5499	Unassigned

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fcpx-addr-srvr1 5500/tcp fcp-addr-srvr1
fcpx-addr-srvr1 5500/udp fcp-addr-srvr1
fcpx-addr-srvr2 5501/tcp fcp-addr-srvr2
fcpx-addr-srvr2 5501/udp fcp-addr-srvr2
fcpx-srvr-inst1 5502/tcp fcp-srvr-inst1
fcpx-srvr-inst1 5502/udp fcp-srvr-inst1
fcpx-srvr-inst2 5503/tcp fcp-srvr-inst2
fcpx-srvr-inst2 5503/udp fcp-srvr-inst2
fcpx-cics-gw1 5504/tcp fcp-cics-gw1
fcpx-cics-gw1 5504/udp fcp-cics-gw1
# Mark Zeiss <mark.r.zeiss@ac.com>
# 5504-5553 Unassigned
sgx-esphttp 5554/tcp SGI ESP HTTP
sgx-esphttp 5554/udp SGI ESP HTTP
# Vladimir Legalov <legalov@sgi.com>
#####Port 5555 also used by HP Omniback#####
personal-agent 5555/tcp Personal Agent
personal-agent 5555/udp Personal Agent
# Jackie Wu <jackiew@infoseek.com>
#####
# 5556-5565 Unassigned
udpplus 5566/tcp UDPPPlus
udpplus 5566/udp UDPPPlus
# Cody Gibson <cody.gibson@intermec.com>
# 5567-5598 Unassigned
esinstall 5599/tcp Enterprise Security Remote Install
esinstall 5599/udp Enterprise Security Remote Install
esmmanager 5600/tcp Enterprise Security Manager
esmmanager 5600/udp Enterprise Security Manager
esmagent 5601/tcp Enterprise Security Agent
esmagent 5601/udp Enterprise Security Agent
# Kimberly Gibbs <kingib@CCGATE-UT.AXENT.COM>
a1-msc 5602/tcp A1-MSC
a1-msc 5602/udp A1-MSC
a1-bs 5603/tcp A1-BS
a1-bs 5603/udp A1-BS
a3-sdunode 5604/tcp A3-SDUNode
a3-sdunode 5604/udp A3-SDUNode
a4-sdunode 5605/tcp A4-SDUNode
a4-sdunode 5605/udp A4-SDUNode
# Mike Dolan <MDolan@ihcmail.ih.lucent.com>
# 5606-5630 Unassigned
pcanywheredata 5631/tcp pcANYWHEREdata
pcanywheredata 5631/udp pcANYWHEREdata
pcanywherestat 5632/tcp pcANYWHEREstat
pcanywherestat 5632/udp pcANYWHEREstat
# Jon Rosarky <JRosarky@symantec.com>
# 5633-5672 Unassigned
jms 5673/tcp JAACL Message Server
jms 5673/udp JAACL Message Server
# Stuart Allen <stuart@jacl.animats.net> February 2002
hyperscsi-port 5674/tcp HyperSCSI Port
hyperscsi-port 5674/udp HyperSCSI Port
# Data Storage Institute, Singapore
# <Patrick@dsi.nus.edu.sg> February 2002
v5ua 5675/tcp V5UA application port
v5ua 5675/udp V5UA application port
# Sanjay Rao <rsanjay@nortelnetworks.com> February 2002
raadmin 5676/tcp RA Administration
raadmin 5676/udp RA Administration
# Sergei Zjaikin <serge@previo.ee> February 2002
questdb2-lnchr 5677/tcp Quest Central DB2 Launchr
questdb2-lnchr 5677/udp Quest Central DB2 Launchr
# Robert M. Mackowiak <rmackowiak@quest.com> February 2002

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rrac	5678/tcp	Remote Replication Agent Connection
rrac	5678/udp	Remote Replication Agent Connection
dccm	5679/tcp	Direct Cable Connect Manager
dccm	5679/udp	Direct Cable Connect Manager
#		Mark Miller <mmiller@MICROSOFT.com>
#	5780-5712	Unassigned
proshareaudio	5713/tcp	proshare conf audio
proshareaudio	5713/udp	proshare conf audio
prosharevideo	5714/tcp	proshare conf video
prosharevideo	5714/udp	proshare conf video
prosharedata	5715/tcp	proshare conf data
prosharedata	5715/udp	proshare conf data
prosharerequest	5716/tcp	proshare conf request
prosharerequest	5716/udp	proshare conf request
prosharenotify	5717/tcp	proshare conf notify
prosharenotify	5717/udp	proshare conf notify
#		<gunner@ibeam.intel.com>
#	5718-5728	Unassigned
openmail	5729/tcp	Openmail User Agent Layer
openmail	5729/udp	Openmail User Agent Layer
#		OpenMail Encyclopedia <opencyc@hpopd.pwd.hp.com>
#		Don Loughry <DON_LOUGHRY@hp-cupertino-om4.om.hp.com>
unieng	5730/tcp	Steltor's calendar access
unieng	5730/udp	Steltor's calendar access
#		Bernard Desruisseaux <bernard@steltor.com>
#	5731-5740	Unassigned
ida-discover1	5741/tcp	IDA Discover Port 1
ida-discover1	5741/udp	IDA Discover Port 1
ida-discover2	5742/tcp	IDA Discover Port 2
ida-discover2	5742/udp	IDA Discover Port 2
#		Morten Christensen <morten.christensen@I-DATA.COM>
#	5743-5744	Unassigned
fcopy-server	5745/tcp	fcopy-server
fcopy-server	5745/udp	fcopy-server
fcopys-server	5746/tcp	fcopys-server
fcopys-server	5746/udp	fcopys-server
#		Moshe Leibovitch <moshe@softlinkusa.com>
#	5747-5754	Unassigned
openmailg	5755/tcp	OpenMail Desk Gateway server
openmailg	5755/udp	OpenMail Desk Gateway server
x500ms	5757/tcp	OpenMail X.500 Directory Server
x500ms	5757/udp	OpenMail X.500 Directory Server
openmailns	5766/tcp	OpenMail NewMail Server
openmailns	5766/udp	OpenMail NewMail Server
s-openmail	5767/tcp	OpenMail Suer Agent Layer (Secure)
s-openmail	5767/udp	OpenMail Suer Agent Layer (Secure)
openmailpxy	5768/tcp	OpenMail CMTS Server
openmailpxy	5768/udp	OpenMail CMTS Server
#		OpenMail Encyclopedia >opencyc@hpopd.pwd.hp.com>
#		Don Loughry <DON_LOUGHRY@hp-cupertino-om4.om.hp.com>
#	5769-5770	Unassigned
netagent	5771/tcp	NetAgent
netagent	5771/udp	NetAgent
#		Bradley Birnbaum <bradley.birnbaum@eshare.com>
#	5772-5812	Unassigned
icmpd	5813/tcp	ICMPD
icmpd	5813/udp	ICMPD
#		Shane O'Donnell <shane@opennms.org>
#	5814-5858	Unassigned
wherehoo	5859/tcp	WHEREHOO
wherehoo	5859/udp	WHEREHOO
#		Jim Youll <jim@media.mit.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 <james.d.davis@sun.com>
wbem-https	5989/tcp	WBEM HTTPS
wbem-https	5989/udp	WBEM HTTPS
#		Jim Davis <james.d.davis@east.sun.com>
wbem-local	5990/tcp	HP WBEM Local Connection
wbem-local	5990/udp	HP WBEM Local Connection
#		Warren Otsuka <warren_otsuka@hp.com> March 2002
nuxsl	5991/tcp	NUXSL
nuxsl	5991/udp	NUXSL
#		Kai Kretschmann <K.Kretschmann@security-gui.de> March :
#	5992-5998	Unassigned
cvsup	5999/tcp	CVSup
cvsup	5999/udp	CVSup
#		Randall Atkinson <rja@inet.org>
x11	6000-6063/tcp	X Window System
x11	6000-6063/udp	X Window System
#		Stephen Gildea <gildea@lcs.mit.edu>
ndl-ahp-svc	6064/tcp	NDL-AHP-SVC
ndl-ahp-svc	6064/udp	NDL-AHP-SVC
#		John Richmond <john@ndl.co.uk>
winpharaoh	6065/tcp	WinPharaoh
winpharaoh	6065/udp	WinPharaoh
#		Basil Lee <basil.lee@gnnettest.com>
ewctsp	6066/tcp	EWCTSP
ewctsp	6066/udp	EWCTSP
#		Mark Bailon <mark.bailon@ericsson.com>
srb	6067/tcp	SRB
srb	6067/udp	SRB
#		Heinz Naef <heinz.naef@nexos.com>
gsmp	6068/tcp	GSMP
gsmp	6068/udp	GSMP
#		Avri Doria <avri.doria@nokia.com>
trip	6069/tcp	TRIP
trip	6069/udp	TRIP
#		Hussein F. Salama <hsalama@cisco.com>
messageasap	6070/tcp	Messageasap
messageasap	6070/udp	Messageasap
#		Murray Freeman <murray@officedomain.com>
ssdtp	6071/tcp	SSDTP
ssdtp	6071/udp	SSDTP
#		Michael Shearson <mikes@softsys-inc.com>
diagnose-proc	6072/tcp	DIAGNOSE-PROC
diagnose-proc	6072/udp	DIAGNOSE-PROC
#		Allan Miller <amiller@handsfreenetworks.com>
directplay8	6073/tcp	DirectPlay8
directplay8	6073/udp	DirectPlay8
#		John Kane <johnkan@microsoft.com>
#	6074-6099	Unassigned
synchronet-db	6100/tcp	SynchroNet-db
synchronet-db	6100/udp	SynchroNet-db
synchronet-rtc	6101/tcp	SynchroNet-rtc
synchronet-rtc	6101/udp	SynchroNet-rtc
synchronet-upd	6102/tcp	SynchroNet-upd
synchronet-upd	6102/udp	SynchroNet-upd
#		Arne Haugland <Arne.Haugland@parasoldev.com>

rets	6103/tcp	RETS
rets	6103/udp	RETS
#		Bruce Toback <btoback@optc.com>
dbdb	6104/tcp	DBDB
dbdb	6104/udp	DBDB
#		Aaron Brick <aa@lithic.org>
primaserver	6105/tcp	Prima Server
primaserver	6105/udp	Prima Server
mpsserver	6106/tcp	MPS Server
mpsserver	6106/udp	MPS Server
#		Prima Designs Systems Ltd. <info@prima.com.hk>
etc-control	6107/tcp	ETC Control
etc-control	6107/udp	ETC Control
#		Steve Polishinski <spolishinski@etccconnect.com>
sercomm-scadmin	6108/tcp	Sercomm-SCAdmin
sercomm-scadmin	6108/udp	Sercomm-SCAdmin
#		Melinda Tsao <melinda_tsao@mail.sercomm.com.tw>
globecast-id	6109/tcp	GLOBECAST-ID
globecast-id	6109/udp	GLOBECAST-ID
#		Piers Scannell <piers@globecastne.com>
softcm	6110/tcp	HP SoftBench CM
softcm	6110/udp	HP SoftBench CM
spc	6111/tcp	HP SoftBench Sub-Process Control
spc	6111/udp	HP SoftBench Sub-Process Control
#		Scott A. Kramer <sk@tleilaxu.sde.hp.com>
dtspcd	6112/tcp	dtspcd
dtspcd	6112/udp	dtspcd
#		Doug Royer <Doug.Royer@eng.sun.com>
#	6113-6122	Unassigned
backup-express	6123/tcp	Backup Express
backup-express	6123/udp	Backup Express
#		Chi Shih Chang <cchang@syncsort.com>
#	6124-6140	Unassigned
meta-corp	6141/tcp	Meta Corporation License Manager
meta-corp	6141/udp	Meta Corporation License Manager
#		Osamu Masuda <--none-->
aspentec-lm	6142/tcp	Aspen Technology License Manager
aspentec-lm	6142/udp	Aspen Technology License Manager
#		Kevin Massey <massey@aspentec.com>
watershed-lm	6143/tcp	Watershed License Manager
watershed-lm	6143/udp	Watershed License Manager
#		David Ferrero <david@zion.com>
statsci1-lm	6144/tcp	StatSci License Manager - 1
statsci1-lm	6144/udp	StatSci License Manager - 1
statsci2-lm	6145/tcp	StatSci License Manager - 2
statsci2-lm	6145/udp	StatSci License Manager - 2
#		Scott Blachowicz <scott@statsci.com>
lonewolf-lm	6146/tcp	Lone Wolf Systems License Manager
lonewolf-lm	6146/udp	Lone Wolf Systems License Manager
#		Dan Klein <dvk@lonewolf.com>
montage-lm	6147/tcp	Montage License Manager
montage-lm	6147/udp	Montage License Manager
#		Michael Ubell <michael@montage.com>
ricardo-lm	6148/tcp	Ricardo North America License Manager
ricardo-lm	6148/udp	Ricardo North America License Manager
#		M Flemming <mflemming@aol.com>
tal-pod	6149/tcp	tal-pod
tal-pod	6149/udp	tal-pod
#		Steven Loomis <srl@taligent.com>
#	6150-6252	Unassigned
crip	6253/tcp	CRIP
crip	6253/udp	CRIP
#		Mike Rodbell <mrodbell@ciena.com>
#	6254-6299	Unassigned

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bmc-grx          6300/tcp      BMC GRX
bmc-grx          6300/udp      BMC GRX
#               6300-6320  Ed Penak <ed_penak@bmc.com>
#               6301-6320  Unassigned
emp-server1     6321/tcp      Empress Software Connectivity Server 1
emp-server1     6321/udp      Empress Software Connectivity Server 1
emp-server2     6322/tcp      Empress Software Connectivity Server 2
emp-server2     6322/udp      Empress Software Connectivity Server 2
#               6322-6345  Srdjan Holovac <srdjan@empress.com>
#               6323-6345  Unassigned
gnutella-svc   6346/tcp      gnutella-svc
gnutella-svc   6346/udp      gnutella-svc
gnutella-rtr   6347/tcp      gnutella-rtr
gnutella-rtr   6347/udp      gnutella-rtr
#               6347-6381  Serguei Osokine <osokin@paragraph.com>
#               6348-6381  Unassigned
metatude-mds   6382/tcp      Metatude Dialogue Server
metatude-mds   6382/udp      Metatude Dialogue Server
#               6382-6388  Menno Zweistra <m.zweistra@metatude.com>
#               6383-6388  Unassigned
clariion-evr01 6389/tcp      clariion-evr01
clariion-evr01 6389/udp      clariion-evr01
#               6389-6399  Dave DesRoches <d-desroches@clariion.com>
#               6390-6399  Unassigned
# The following blocks are in use by Seagate Software 6400-6410 #
info-aps        6400
info-was        6401
info-eventsvr   6402
info-cachesvr   6403
info-filesvr    6404
info-pagesvr    6405
info-processvr  6406
reserved1       6407
reserved2       6408
reserved3       6409
reserved4       6410
# The previous ports are in use by Seagate Software 6400-6410 #
# Contact for these ports is Wade Richards <Wade.Richards@Seagatesoftware.com>
#               6411-6454  Unassigned
skip-cert-recv  6455/tcp      SKIP Certificate Receive
skip-cert-send  6456/tcp      SKIP Certificate Send
#               6456-6470  Tom Markson <markson@osmosys.incog.com>
#               6457-6470  Unassigned
lvision-lm      6471/tcp      LVision License Manager
lvision-lm      6471/udp      LVision License Manager
#               6471-6499  Brian McKinnon <bmk@lvision.com>
#               6472-6499  Unassigned
boks            6500/tcp      BoKS Master
boks            6500/udp      BoKS Master
boks_servc     6501/tcp      BoKS Servc
boks_servc     6501/udp      BoKS Servc
boks_servm     6502/tcp      BoKS Servm
boks_servm     6502/udp      BoKS Servm
boks_clntd     6503/tcp      BoKS Clntd
boks_clntd     6503/udp      BoKS Clntd
#               6503-6504  Magnus Nystrom <magnus@dynas.se>
#               6504-6505  Unassigned
badm_priv      6505/tcp      BoKS Admin Private Port
badm_priv      6505/udp      BoKS Admin Private Port
badm_pub       6506/tcp      BoKS Admin Public Port
badm_pub       6506/udp      BoKS Admin Public Port
bdir_priv      6507/tcp      BoKS Dir Server, Private Port
bdir_priv      6507/udp      BoKS Dir Server, Private Port
bdir_pub       6508/tcp      BoKS Dir Server, Public Port

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bdir_pub	6508/udp	BoKS Dir Server, Public Port
#		Magnus Nystrom <magnus@dynas.se>
mgcs-mfp-port	6509/tcp	MGCS-MFP Port
mgcs-mfp-port	6509/udp	MGCS-MFP Port
#		Minoru Ozaki <Minoru.Ozaki@rdmg.mgcs.mei.co.jp>
mcer-port	6510/tcp	MCER Port
mcer-port	6510/udp	MCER Port
#		Ade Adebayo <ade@us.itmasters.com>
#	6511-6546	Unassigned
apc-tcp-udp-1	6547/tcp	apc-tcp-udp-1
apc-tcp-udp-1	6547/udp	apc-tcp-udp-1
apc-tcp-udp-2	6548/tcp	apc-tcp-udp-2
apc-tcp-udp-2	6548/udp	apc-tcp-udp-2
apc-tcp-udp-3	6549/tcp	apc-tcp-udp-3
apc-tcp-udp-3	6549/udp	apc-tcp-udp-3
#		Christian Kuiawa <ckuiawa@apcc.com>
fg-sysupdate	6550/tcp	fg-sysupdate
fg-sysupdate	6550/udp	fg-sysupdate
#		Mark Beyer <mbeyer@freegate.com>
#	6551-6557	Unassigned
xdsxdm	6558/tcp	
xdsxdm	6558/udp	
#		Brian Tackett <cym@acrux.net> possible contact
#	6559-6579	Unassigned
parsec-master	6580/tcp	Parsec Masterserver
parsec-master	6580/udp	Parsec Masterserver
parsec-peer	6581/tcp	Parsec Peer-to-Peer
parsec-peer	6581/udp	Parsec Peer-to-Peer
parsec-game	6582/tcp	Parsec Gameserver
parsec-game	6582/udp	Parsec Gameserver
#		Andreas Varga <sid@parsec.org>
#	6583-6664	Unassigned
ircu	6665-6669/tcp	IRCU
ircu	6665-6669/udp	IRCU
#		Brian Tackett <cym@acrux.net>
vocaltec-gold	6670/tcp	Vocaltec Global Online Directory
vocaltec-gold	6670/udp	Vocaltec Global Online Directory
#		Scott Petrack <Scott_Petrack@vocaltec.com>
#	6671	Unassigned
vision_server	6672/tcp	vision_server
vision_server	6672/udp	vision_server
vision_elmd	6673/tcp	vision_elmd
vision_elmd	6673/udp	vision_elmd
#		Chris Kramer <CKramer@gis.shl.com>
#	6674-6700	Unassigned
kti-icad-srvr	6701/tcp	KTI/ICAD Nameserver
kti-icad-srvr	6701/udp	KTI/ICAD Nameserver
#		Stanley Knutson <Stanley.Knutson@KTIworld.com>
#	6702-6713	Unassigned
ibprotocol	6714/tcp	Internet Backplane Protocol
ibprotocol	6714/udp	Internet Backplane Protocol
#		Alessandro Bassi <abassi@cs.utk.edu>
#	6715-6766	Unassigned
bmc-perf-agent	6767/tcp	BMC PERFORM AGENT
bmc-perf-agent	6767/udp	BMC PERFORM AGENT
bmc-perf-mgrd	6768/tcp	BMC PERFORM MGRD
bmc-perf-mgrd	6768/udp	BMC PERFORM MGRD
#		Dima Seliverstov <Dima_Seliverstov@bmc.com>
#	6769-6789	Unassigned
hnmp	6790/tcp	HNMP
hnmp	6790/udp	HNMP
#		Jude George <jude@nas.nasa.gov>
#	6791-6830	Unassigned
ambit-lm	6831/tcp	ambit-lm

ambit-lm	6831/udp	ambit-lm
#		Don Hejna <djhejna@ambit.com>
#	6832-6840	Unassigned
netmo-default	6841/tcp	Netmo Default
netmo-default	6841/udp	Netmo Default
netmo-http	6842/tcp	Netmo HTTP
netmo-http	6842/udp	Netmo HTTP
#		Urs Bertschinger <urs@netmosphere.com>
#	6843-6849	Unassigned
iccrushmore	6850/tcp	ICCRUSHMORE
iccrushmore	6850/udp	ICCRUSHMORE
#		Dave Hubbard <dave@icc.net>
#	6851-6887	Unassigned
muse	6888/tcp	MUSE
muse	6888/udp	MUSE
#		Muse Communications Corporation
#		<howard@muse3d.com>
#	6889-6960	Unassigned
jmact3	6961/tcp	JMACT3
jmact3	6961/udp	JMACT3
jmevt2	6962/tcp	jmevt2
jmevt2	6962/udp	jmevt2
swismgr1	6963/tcp	swismgr1
swismgr1	6963/udp	swismgr1
swismgr2	6964/tcp	swismgr2
swismgr2	6964/udp	swismgr2
swistrap	6965/tcp	swistrap
swistrap	6965/udp	swistrap
swispol	6966/tcp	swispol
swispol	6966/udp	swispol
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	6967-6968	Unassigned
acmsoda	6969/tcp	acmsoda
acmsoda	6969/udp	acmsoda
#		Daniel Simms <dsimms@acm.uiuc.edu>
#	6970-6997	Unassigned
iatp-highpri	6998/tcp	IATP-highPri
iatp-highpri	6998/udp	IATP-highPri
iatp-normalpri	6999/tcp	IATP-normalPri
iatp-normalpri	6999/udp	IATP-normalPri
#		John Murphy <john.m.murphy@mci.com>
afs3-fileserver	7000/tcp	file server itself
afs3-fileserver	7000/udp	file server itself
afs3-callback	7001/tcp	callbacks to cache managers
afs3-callback	7001/udp	callbacks to cache managers
afs3-prserver	7002/tcp	users & groups database
afs3-prserver	7002/udp	users & groups database
afs3-vlserver	7003/tcp	volume location database
afs3-vlserver	7003/udp	volume location database
afs3-kaserver	7004/tcp	AFS/Kerberos authentication service
afs3-kaserver	7004/udp	AFS/Kerberos authentication service
afs3-volser	7005/tcp	volume 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
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


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#           Brian Hammill <brianh@exide.com>
talon-disc 7011/tcp  Talon Discovery Port
talon-disc 7011/udp  Talon Discovery Port
talon-engine 7012/tcp  Talon Engine
talon-engine 7012/udp  Talon Engine
microtalon-dis 7013/tcp  Microtalon Discovery
microtalon-dis 7013/udp  Microtalon Discovery
microtalon-com 7014/tcp  Microtalon Communications
microtalon-com 7014/udp  Microtalon Communications
talon-webserver 7015/tcp  Talon Webserver
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>
#           7022-7069  Unassigned
arcp        7070/tcp  ARCP
arcp        7070/udp  ARCP
#           Jude George <jude@nas.nasa.gov>
#           7071-7098  Unassigned
lazy-ptop   7099/tcp  lazy-ptop
lazy-ptop   7099/udp  lazy-ptop
#           Guy Keren <Guy_Keren@mail.stil.scitex.com>
font-service 7100/tcp  X Font Service
font-service 7100/udp  X Font Service
#           Stephen Gildea <gildea@lcs.mit.edu>
#           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>
#           7202-7279  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>
mindfilesystems 7391/tcp  mind-file system server
mindfilesystems 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
wingedit    7395/tcp  wingedit
wingedit    7395/udp  wingedit
#           David Greer <david_greer@robelle.com>

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#	7396-7425	Unassigned
pmdmgr	7426/tcp	OpenView DM Postmaster Manager
pmdmgr	7426/udp	OpenView DM Postmaster Manager
oveadmgr	7427/tcp	OpenView DM Event Agent Manager
oveadmgr	7427/udp	OpenView DM Event Agent Manager
ovladmgr	7428/tcp	OpenView DM Log Agent Manager
ovladmgr	7428/udp	OpenView DM Log Agent Manager
opi-sock	7429/tcp	OpenView DM rqt communication
opi-sock	7429/udp	OpenView DM rqt communication
xmpv7	7430/tcp	OpenView DM xmpv7 api pipe
xmpv7	7430/udp	OpenView DM xmpv7 api pipe
pmd	7431/tcp	OpenView DM ovc/xmpv3 api pipe
pmd	7431/udp	OpenView DM ovc/xmpv3 api pipe
#		Dave Lamb <rld@rdl.cnd.hp.com>
faximum	7437/tcp	Faximum
faximum	7437/udp	Faximum
#		George Pajari <George.Pajari@faximum.com>
#	7438-7490	Unassigned
telops-lmd	7491/tcp	telops-lmd
telops-lmd	7491/udp	telops-lmd
#		David Spencer <dspencer@telops.com>
#	7492-7499	Unassigned
#	7500	Unassigned
ovbus	7501/tcp	HP OpenView Bus Daemon
ovbus	7501/udp	HP OpenView Bus Daemon
#		David M. Rhodes <davidrho@cnd.hp.com>
#	7502-7509	Unassigned
ovhpas	7510/tcp	HP OpenView Application Server
ovhpas	7510/udp	HP OpenView Application Server
#		Jeff Conrad <jeff_conrad@hp.com>
pafec-lm	7511/tcp	pafec-lm
pafec-lm	7511/udp	pafec-lm
#		Billy Dhillon <bdsos@pafec.co.uk>
#	7512-7543	Unassigned
nta-ds	7544/tcp	FlowAnalyzer DisplayServer
nta-ds	7544/udp	FlowAnalyzer DisplayServer
nta-us	7545/tcp	FlowAnalyzer UtilityServer
nta-us	7545/udp	FlowAnalyzer UtilityServer
#		Fred Messinger <fredm@cisco.com>
#	7546-7565	Unassigned
vsi-omega	7566/tcp	VSI Omega
vsi-omega	7566/udp	VSI Omega
#		Curtis Smith <curtis.smith@vsin.com>
#	7567-7569	Unassigned
aries-kfinder	7570/tcp	Aries Kfinder
aries-kfinder	7570/udp	Aries Kfinder
#		James King, III <jking@ariessys.com>
#	7571-7587	Unassigned
sun-lm	7588/tcp	Sun License Manager
sun-lm	7588/udp	Sun License Manager
#		Sophie Deng <Sophie.Deng@Eng.Sun.COM>
#	7589-7632	Unassigned
pmdfmgt	7633/tcp	PMDF Management
pmdfmgt	7633/udp	PMDF Management
#		Chris Newman <Chris.Newman@innosoft.com>
#	7634-7742	Unassigned
sstp-1	7743/tcp	Sakura Script Transfer Protocol
sstp-1	7743/udp	Sakura Script Transfer Protocol
#		Kouichi Takeda <KHBO5271@nifty.com>
#	7744-7776	Unassigned
cbt	7777/tcp	cbt
cbt	7777/udp	cbt
#		Tony Ballardie <A.Ballardie@cs.ucl.ac.uk>
interwise	7778/tcp	Interwise

interwise	7778/udp	Interwise
#		Joseph Gray <gray@interwise.co.il>
vstat	7779/tcp	VSTAT
vstat	7779/udp	VSTAT
#		Vinh Nguyn <vinh@sportvision.com>
#	7780	Unassigned
accu-lmgr	7781/tcp	accu-lmgr
accu-lmgr	7781/udp	accu-lmgr
#		Moises E. Hernandez <moises@accugraph.com>
#	7782-7785	Unassigned
minivend	7786/tcp	MINIVEND
minivend	7786/udp	MINIVEND
#		Mike Heins <mike@minivend.com>
#	7787-7844	Unassigned
apc-snmpttrap	7845/tcp	APC SNMP Trap Proxy
apc-snmpttrap	7845/udp	APC SNMP Trap Proxy
apc-snmpp	7846/tcp	APC SNMP Proxy
apc-snmpp	7846/udp	APC SNMP Proxy
#		Thomas Wenisch <twenisch@apcc.com>
#	7847-7912	Unassigned
qo-secure	7913/tcp	QuickObjects secure port
qo-secure	7913/udp	QuickObjects secure port
#		Jonas Bovin <jonas.bovin@quickobjects.com>
#	7914-7931	Unassigned
t2-drm	7932/tcp	Tier 2 Data Resource Manager
t2-drm	7932/udp	Tier 2 Data Resource Manager
t2-brm	7933/tcp	Tier 2 Business Rules Manager
t2-brm	7933/udp	Tier 2 Business Rules Manager
#		Peter Carlson <pcarlson@tier2.com>
supercell	7967/tcp	Supercell
supercell	7967/udp	Supercell
#		Kevin Nakagawa <nakagawa@sigsci.com>
#	7968-7978	Unassigned
micromuse-ncps	7979/tcp	Micromuse-ncps
micromuse-ncps	7979/udp	Micromuse-ncps
#		Hing Wing To <wing.to@micromuse.com>
quest-vista	7980/tcp	Quest Vista
quest-vista	7980/udp	Quest Vista
#		Preston Bannister <pbannister@quests.com>
#	7981-7998	Unassigned
irdmi2	7999/tcp	iRDMI2
irdmi2	7999/udp	iRDMI2
irdmi	8000/tcp	iRDMI
irdmi	8000/udp	iRDMI
#		Gil Shafriri <shafriri@ilccml.iil.intel.com>
vcom-tunnel	8001/tcp	VCOM Tunnel
vcom-tunnel	8001/udp	VCOM Tunnel
#		Mark Lewandowski <mlewan0@us.ibm.com>
teradataordbms	8002/tcp	Teradata ORDBMS
teradataordbms	8002/udp	Teradata ORDBMS
#		Curt Ellmann <curt.ellmann@ncr.com>
#	8003-8007	Unassigned
http-alt	8008/tcp	HTTP Alternate
http-alt	8008/udp	HTTP Alternate
#		James Gettys <jg@w3.org>
#	8009-8021	Unassigned
oa-system	8022/tcp	oa-system
oa-system	8022/udp	oa-system
#		Denis Girault <Denis.Girault@evidian.com>
#	8023-8031	Unassigned
pro-ed	8032/tcp	ProEd
pro-ed	8032/udp	ProEd
mindprint	8033/tcp	MindPrint
mindprint	8033/udp	MindPrint

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#                               Larry Tusoni <larry@goldrush.com>
#                               8034-8079 Unassigned
http-alt                       8080/tcp HTTP Alternate (see port 80)
http-alt                       8080/udp HTTP Alternate (see port 80)
#                               Stephen Casner <casner@precpt.com>
#                               8081-8099 Unassigned
xprint-server                 8100/tcp Xprint Server
xprint-server                 8100/udp Xprint Server
#                               John McKernan <John.McKernan@sun.com>
#                               8101-8115 Unassigned
cp-cluster                    8116/tcp Check Point Clustering
cp-cluster                    8116/udp Check Point Clustering
#                               Roni Moshitzky <rmosh@checkpoint.com>
#                               8117-8129 Unassigned
indigo-vrmi                   8130/tcp INDIGO-VRMI
indigo-vrmi                   8130/udp INDIGO-VRMI
indigo-vbcp                   8131/tcp INDIGO-VBCP
indigo-vbcp                   8131/udp INDIGO-VBCP
#                               Colin Caughie <cfc@indigo-avs.com>
dbabble                       8132/tcp dbabble
dbabble                       8132/udp dbabble
#                               Chris Pugmire <chrisp@netwinsite.com>
#                               8133-8159 Unassigned
patrol                        8160/tcp Patrol
patrol                        8160/udp Patrol
patrol-snmpp                  8161/tcp Patrol SNMP
patrol-snmpp                  8161/udp Patrol SNMP
#                               Daisy Tam <Daisy_Tam@bmc.com>
#                               8162-8198 Unassigned
vvr-data                      8199/tcp VVR DATA
vvr-data                      8199/udp VVR DATA
#                               Ming Xu <ming@veritas.com>
trivnet1                     8200/tcp TRIVNET
trivnet1                     8200/udp TRIVNET
trivnet2                     8201/tcp TRIVNET
trivnet2                     8201/udp TRIVNET
#                               Saar Wilf <saar@trivnet.com>
#                               8202-8203 Unassigned
lm-perfworks                  8204/tcp LM Perfworks
lm-perfworks                  8204/udp LM Perfworks
lm-instmgr                   8205/tcp LM Instmgr
lm-instmgr                   8205/udp LM Instmgr
lm-dta                       8206/tcp LM Dta
lm-dta                       8206/udp LM Dta
lm-sserver                   8207/tcp LM SServer
lm-sserver                   8207/udp LM SServer
lm-webwatcher                8208/tcp LM Webwatcher
lm-webwatcher                8208/udp LM Webwatcher
#                               Chris Flynn <cflynn@landmark.com>
#                               8209-8350 Unassigned
server-find                   8351/tcp Server Find
server-find                   8351/udp Server Find
#                               Chris Brown <chrisb@chancery.com>
#                               8352-8375 Unassigned
cruise-enum                   8376/tcp Cruise ENUM
cruise-enum                   8376/udp Cruise ENUM
cruise-swroute               8377/tcp Cruise SWROUTE
cruise-swroute               8377/udp Cruise SWROUTE
cruise-config                8378/tcp Cruise CONFIG
cruise-config                8378/udp Cruise CONFIG
cruise-diags                 8379/tcp Cruise DIAGS
cruise-diags                 8379/udp Cruise DIAGS
cruise-update                8380/tcp Cruise UPDATE
cruise-update                8380/udp Cruise UPDATE

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# 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 admind
admind 8403/udp admind
# Aaron Bilbrey <abilbrey@commvault.com>
# 8404-8442 Unassigned
pcsync-https 8443/tcp PCsync HTTPS
pcsync-https 8443/udp PCsync HTTPS
pcsync-http 8444/tcp PCsync HTTP
pcsync-http 8444/udp PCsync HTTP
# Katy Lynn McCullough <KatyM@LapLink.com>
# 8445-8449 Unassigned
npmp 8450/tcp npmp
npmp 8450/udp npmp
# Ian Chard <ian@tanagra.demon.co.uk>
# 8451-8472 Unassigned
vp2p 8473/tcp Virtual Point to Point
vp2p 8473/udp Virtual Point to Point
# Jerome Grimbert <jgrimberty@atos-group.com>
# 8474-8553 Unassigned
rtsp-alt 8554/tcp RTSP Alternate (see port 554)
rtsp-alt 8554/udp RTSP Alternate (see port 554)
# Stephen Casner <casner@precept.com>
# 8555-8732 Unassigned
ibus 8733/tcp iBus
ibus 8733/udp iBus
# Silvano Maffeis <maffeis@softwired.ch>
# 8734-8762 Unassigned
mc-appserver 8763/tcp MC-APPSERVER
mc-appserver 8763/udp MC-APPSERVER
# Romeo Kasanwidjojo <romeo@microcomgroup.com>
openqueue 8764/tcp OPENQUEUE
openqueue 8764/udp OPENQUEUE
# Matt Jensen <mattj@newsblip.com>
ultraseek-http 8765/tcp Ultraseek HTTP
ultraseek-http 8765/udp Ultraseek HTTP
# Walter Underwood <wunder@infoseek.com>
# 8766-8803 Unassigned
truecm 8804/tcp truecm
truecm 8804/udp truecm
# Scott Kramer <scottk@truebluesoftware.com>
# 8805-8879
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

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ddi-tcp-7	8894/tcp	Desktop Data TCP 6: COAL application
ddi-udp-7	8894/udp	Desktop Data UDP 6: COAL application
#		Fred Yao <Fred_Yao@DDIGATE2.desktopdata.com>
#	8895-8899	Unassigned
jmb-cds1	8900/tcp	JMB-CDS 1
jmb-cds1	8900/udp	JMB-CDS 1
jmb-cds2	8901/tcp	JMB-CDS 2
jmb-cds2	8901/udp	JMB-CDS 2
#		Curtis Bray <CurtisB@creativedesign.com>
#	8902-8953	Unassigned
cumulus-admin	8954/tcp	Cumulus Admin Port
cumulus-admin	8954/udp	Cumulus Admin Port
#		Thomas Schleu <ttschleu@canto.de>
#	8955-8998	Unassigned
bctcp	8999/tcp	Brodos Crypto Trade Protocol
bctcp	8999/udp	Brodos Crypto Trade Protocol
#		Alexander Sahler <alexander.sahler@brodos.de> February
cslistener	9000/tcp	CSlistener
cslistener	9000/udp	CSlistener
#		David Jones <djones@cincom.com>
etlservicemgr	9001/tcp	ETL Service Manager
etlservicemgr	9001/udp	ETL Service Manager
#		Stephen McCrea <smccrea@etlelectronique.com> March 2001
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
swa-3	9025/udp	Secure Web Access - 3
swa-4	9026/tcp	Secure Web Access - 4
swa-4	9026/udp	Secure Web Access - 4
#		Tim McGranaghan <tim_mcgranaghan@mech.disa.mil>
#	9027-9089	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>
#	9092-9100	Unassigned
bacula-dir	9101/tcp	Bacula Director
bacula-dir	9101/udp	Bacula Director
bacula-fd	9102/tcp	Bacula File Daemon
bacula-fd	9102/udp	Bacula File Daemon
bacula-sd	9103/tcp	Bacula Storage Daemon
bacula-sd	9103/udp	Bacula Storage Daemon
#		Kern Sibbald <kern@sibbald.com> January 2002
#	9104-9159	Unassigned
netlock1	9160/tcp	NetLOCK1

netlock1	9160/udp	NetLOCK1
netlock2	9161/tcp	NetLOCK2
netlock2	9161/udp	NetLOCK2
netlock3	9162/tcp	NetLOCK3
netlock3	9162/udp	NetLOCK3
netlock4	9163/tcp	NetLOCK4
netlock4	9163/udp	NetLOCK4
netlock5	9164/tcp	NetLOCK5
netlock5	9164/udp	NetLOCK5
#		Steven Sawkins <ssawkins@netlock.com>
#	9165-9199	Unassigned
wap-wsp	9200/tcp	WAP connectionless session service
wap-wsp	9200/udp	WAP connectionless session service
wap-wsp-wtp	9201/tcp	WAP session service
wap-wsp-wtp	9201/udp	WAP session service
wap-wsp-s	9202/tcp	WAP secure connectionless session service
wap-wsp-s	9202/udp	WAP secure connectionless session service
wap-wsp-wtp-s	9203/tcp	WAP secure session service
wap-wsp-wtp-s	9203/udp	WAP secure session service
wap-vcard	9204/tcp	WAP vCard
wap-vcard	9204/udp	WAP vCard
wap-vcad	9205/tcp	WAP vCal
wap-vcad	9205/udp	WAP vCal
wap-vcad-s	9206/tcp	WAP vCard Secure
wap-vcad-s	9206/udp	WAP vCard Secure
wap-vcad-s	9207/tcp	WAP vCal Secure
wap-vcad-s	9207/udp	WAP vCal Secure
#		WAP Forum <wap-feedback@mail.wapforum.org>
#		WAP Forum <pg@uplanet.com>
#	9208-9216	Unassigned
fsc-port	9217/tcp	FSC Communication Port
fsc-port	9217/udp	FSC Communication Port
#		Teijo Mustonen <Teijo.Mustonen@F-Secure.com> March 2001
#	9218-9280	Unassigned
swtp-port1	9281/tcp	SofaWare transport port 1
swtp-port1	9281/udp	SofaWare transport port 1
swtp-port2	9282/tcp	SofaWare transport port 2
swtp-port2	9282/udp	SofaWare transport port 2
#		Amir Rapson <rapson@sofaware.com> February 2002
callwaveiam	9283/tcp	CallWaveIAM
callwaveiam	9283/udp	CallWaveIAM
#		Colin Kelley <cdk@callwave.com>
visd	9284/tcp	VERITAS Information Serve
visd	9284/udp	VERITAS Information Serve
#		Ravi Tavakely <ravi.tavakley@veritas.com> February 2001
n2h2server	9285/tcp	N2H2 Filter Service Port
n2h2server	9285/udp	N2H2 Filter Service Port
#		Jim Irwin <jirwin@n2h2.com> February 2002
#	9286	Unassigned
cumulus	9287/tcp	Cumulus
cumulus	9287/udp	Cumulus
#		Thomas Schleu <tschleu@canto.de>
#	9288-9291	Unassigned
armtechdaemon	9292/tcp	ArmTech Daemon
armtechdaemon	9292/udp	ArmTech Daemon
#		Rohan Story <rohan@aurema.com>
#	9293-9320	Unassigned
guibase	9321/tcp	guibase
guibase	9321/udp	guibase
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	9322-9342	Unassigned
mpidcmgr	9343/tcp	MpIdcMgr
mpidcmgr	9343/udp	MpIdcMgr
mphilpdmc	9344/tcp	Mphilpdmc

mphlpdmc	9344/udp	Mphlpdmc
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	9345	Unassigned
ctechlicensing	9346/tcp	C Tech Licensing
ctechlicensing	9346/udp	C Tech Licensing
#		Reed Copsey, Jr. <reedc@ctech.com>
#	9347-9373	Unassigned
fjdmimgr	9374/tcp	fjdmimgr
fjdmimgr	9374/udp	fjdmimgr
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	9375-9395	Unassigned
fjinvmgr	9396/tcp	fjinvmgr
fjinvmgr	9396/udp	fjinvmgr
mpidcagt	9397/tcp	MpIdcAgt
mpidcagt	9397/udp	MpIdcAgt
#		Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#	9398-9499	Unassigned
ismsserver	9500/tcp	ismsserver
ismsserver	9500/udp	ismsserver
#		Ian Gordon <iang@micromuse.co.uk>
#	9501-9534	Unassigned
mngsuite	9535/tcp	
mngsuite	9535/udp	
#		Alan Butt <alan.b.butt@intel.com>
#	9536-9593	Unassigned
msgsys	9594/tcp	Message System
msgsys	9594/udp	Message System
pds	9595/tcp	Ping Discovery Service
pds	9595/udp	Ping Discovery Service
#		Alan Butt <alan.b.butt@intel.com>
#	9596-9599	Unassigned
micromuse-ncpw	9600/tcp	MICROMUSE-NCPW
micromuse-ncpw	9600/udp	MICROMUSE-NCPW
#		Hing Wing To <wing.to@micromuse.com>
#	9601-9611	Unassigned
streamcomm-ds	9612/tcp	StreamComm User Directory
streamcomm-ds	9612/udp	StreamComm User Directory
#		Brian C. Wiles <brian@streamcomm.com>
#	9613-9746	Unassigned
l5nas-parchan	9747/tcp	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
rasadv	9753/tcp	rasadv
rasadv	9753/udp	rasadv
#		Dave Thaler <dthaler@microsoft.com>
#	9754-9799	Unassigned
davsrc	9800/tcp	WebDav Source Port
davsrc	9800/udp	WebDav Source Port
#		Ethan Freman <mindlace@digicool.com>
sstp-2	9801/tcp	Sakura Script Transfer Protocol-2
sstp-2	9801/udp	Sakura Script Transfer Protocol-2
#		Kouichi Takeda <KHB05271@nifty.com>
#	9802-9874	Unassigned
sapv1	9875/tcp	Session Announcement v1
sapv1	9875/udp	Session Announcement v1
#		RFC 2974 <ftp://ftp.isi.edu/in-notes/rfc2974.txt>
sd	9876/tcp	Session Director
sd	9876/udp	Session Director
#		Van Jacobson <van@ee.lbl.gov>
cyborg-systems	9888/tcp	CYBORG Systems
cyborg-systems	9888/udp	CYBORG Systems
#		Malcolm Graham <Malcolm_Graham@CYBORG.COM>

monkeycom	9898/tcp	MonkeyCom
monkeycom	9898/udp	MonkeyCom
#		Yuji Kuwabara <HHG01200@niftyserve.or.jp>
sctp-tunneling	9899/tcp	SCTP TUNNELING
sctp-tunneling	9899/udp	SCTP TUNNELING
iua	9900/tcp	IUA
iua	9900/udp	IUA
iua	9900/sctp	IUA
#		Lyndon Ong <LyOng@ciena.com>
#	9901-9908	Unassigned
domaintime	9909/tcp	domaintime
domaintime	9909/udp	domaintime
#		Jeffry Dwight <jeffryd@greyware.com>
#	9910-9949	Unassigned
apcpcpluswin1	9950/tcp	APCPCPLUSWIN1
apcpcpluswin1	9950/udp	APCPCPLUSWIN1
apcpcpluswin2	9951/tcp	APCPCPLUSWIN2
apcpcpluswin2	9951/udp	APCPCPLUSWIN2
apcpcpluswin3	9952/tcp	APCPCPLUSWIN3
apcpcpluswin3	9952/udp	APCPCPLUSWIN3
#		Michael Samson <msamson@apcc.com>
#	9953-9991	Unassigned
palace-1	9992/tcp	OnLive-1
palace-1	9992/udp	OnLive-1
palace-2	9993/tcp	OnLive-2
palace-2	9993/udp	OnLive-2
palace-3	9994/tcp	OnLive-3
palace-3	9994/udp	OnLive-3
palace-4	9995/tcp	Palace-4
palace-4	9995/udp	Palace-4
palace-5	9996/tcp	Palace-5
palace-5	9996/udp	Palace-5
palace-6	9997/tcp	Palace-6
palace-6	9997/udp	Palace-6
#		Douglas Crockford <crock@communities.com>
distinct32	9998/tcp	Distinct32
distinct32	9998/udp	Distinct32
distinct	9999/tcp	distinct
distinct	9999/udp	distinct
#		Anoop Tewari <anoop@next.distinct.com>
ndmp	10000/tcp	Network Data Management Protocol
ndmp	10000/udp	Network Data Management Protocol
#		Brian Ehrmantraut <bae@netapp.com>
scp-config	10001/tcp	SCP Configuration Port
scp-config	10001/udp	SCP Configuration Port
#		Brad Strand <brad.strand@3ware.com>
#	10002-10006	Unassigned
mvs-capacity	10007/tcp	MVS Capacity
mvs-capacity	10007/udp	MVS Capacity
#		Donna Dillenberger <engd@us.ibm.com>
#	10008-10079	Unassigned
amanda	10080/tcp	Amanda
amanda	10080/udp	Amanda
#		John Jackson <jrj@gandalf.cc.purdue.edu>
#		<amanda-core@amanda.org>
#	10081-10100	Unassigned
ezmeeting-2	10101/tcp	eZmeeting
ezmeeting-2	10101/udp	eZmeeting
ezproxy-2	10102/tcp	eZproxy
ezproxy-2	10102/udp	eZproxy
ezrelay	10103/tcp	eZrelay
ezrelay	10103/udp	eZrelay
#		Albert C. Yang <albert.yang@eZmeeting.com> March 2002
#	10104-10112	Unassigned

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netiq-endpoint 10113/tcp NetIQ Endpoint
netiq-endpoint 10113/udp NetIQ Endpoint
netiq-qcheck 10114/tcp NetIQ Qcheck
netiq-qcheck 10114/udp NetIQ Qcheck
# John Wood <John.Wood@netiq.com>
netiq-endpt 10115/tcp NetIQ Endpoint
netiq-endpt 10115/udp NetIQ Endpoint
# Gary Weichinger <gary.weichinger@netiq.com>
netiq-voipa 10116/tcp NetIQ VoIP Assessor
netiq-voipa 10116/udp NetIQ VoIP Assessor
# Gary Weichinger <gary.weichinger@netiq.com>
# 10117-10127 Unassigned
bmc-perf-sd 10128/tcp BMC-PERFORM-SERVICE DAEMON
bmc-perf-sd 10128/udp BMC-PERFORM-SERVICE DAEMON
# Dima Seliverstov <Dima_Seliverstov@bmc.com>
# 10129-10259 Unassigned
axis-wimp-port 10260/tcp Axis WIMP Port
axis-wimp-port 10260/udp Axis WIMP Port
# Stefan Eriksson <contact-iana@axis.com>
# 10261-10287 Unassigned
blocks 10288/tcp Blocks
blocks 10288/udp Blocks
# Carl Malamud
# 10289-10989 Unassigned
rmiaux 10990/tcp Auxiliary RMI Port
rmiaux 10990/udp Auxiliary RMI Port
# Eugen Bacic <eugen@texar.com>
# 10991-10999 Unassigned
irisa 11000/tcp IRISA
irisa 11000/udp IRISA
# Vladimir Brauner <vbrauner@datamedia.fr>
metasys 11001/tcp Metasys
metasys 11001/udp Metasys
# Tobin Schuster <tobin.j.schuster@jci.com>
# 11002-11110 Unassigned
vce 11111/tcp Viral Computing Environment (VCE)
vce 11111/udp Viral Computing Environment (VCE)
# Fred Cohen <fc@all.net>
# 11112-11200 Unassigned
smsqp 11201/tcp smsqp
smsqp 11201/udp smsqp
# Andres Seco Hernandez <AndresSH@alamin.org>
# 11202-11318 Unassigned
imip 11319/tcp IMIP
imip 11319/udp IMIP
# IM Unified Coalition, Len Zuvela
# <imu-comments@egroups.com>
imip-channels 11320/tcp IMIP Channels Port
imip-channels 11320/udp IMIP Channels Port
# Len Zuvela <lenz@microsoft.com>
arena-server 11321/tcp Arena Server Listen
arena-server 11321/udp Arena Server Listen
# Earl Brannigan <earl.brannigan@lindenhaus.co.uk>
# 11322-11366 Unassigned
atm-uhas 11367/tcp ATM UHAS
atm-uhas 11367/udp ATM UHAS
# Todd Barker <toddba@attachmate.com>
# 11368-11599 Unassigned
tempest-port 11600/tcp Tempest Protocol Port
tempest-port 11600/udp Tempest Protocol Port
# Francis Cianfrocca <francis@tempest.com>
# 11601-11719 Unassigned
h323callsigalt 11720/tcp h323 Call Signal Alternate
h323callsigalt 11720/udp h323 Call Signal Alternate

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#                               Chris White <cjwhite@cisco.com>
#                               11721-11999 Unassigned
entextxid 12000/tcp IBM Enterprise Extender SNA XID Exchange
entextxid 12000/udp IBM Enterprise Extender SNA XID Exchange
entextnetwk 12001/tcp IBM Enterprise Extender SNA COS Network Priority
entextnetwk 12001/udp IBM Enterprise Extender SNA COS Network Priority
entexthigh 12002/tcp IBM Enterprise Extender SNA COS High Priority
entexthigh 12002/udp IBM Enterprise Extender SNA COS High Priority
entextmed 12003/tcp IBM Enterprise Extender SNA COS Medium Priority
entextmed 12003/udp IBM Enterprise Extender SNA COS Medium Priority
entextlow 12004/tcp IBM Enterprise Extender SNA COS Low Priority
entextlow 12004/udp IBM Enterprise Extender SNA COS Low Priority
#                               Eugene Cox <genecox@raleigh.ibm.com>
#                               12005-12171 Unassigned
hivep 12172/tcp HiveP
hivep 12172/udp HiveP
#                               Dick Augustsson <dick@skenbe.net>
#                               12173-12344 Unassigned
italk 12345/tcp Italk Chat System
italk 12345/udp Italk Chat System
#                               Takayuki Ito <yuki@euc.jp>
#                               12346-12752 Unassigned
tsaf 12753/tcp tsaf port
tsaf 12753/udp tsaf port
#                               Andreas Fehr <100042.2070@CompuServe.COM>
#                               12754-13159 Unassigned
i-zipqd 13160/tcp I-ZIPQD
i-zipqd 13160/udp I-ZIPQD
#                               Chuck Runquist <crunquist@quarterdeck.com>
#                               13161-13222 Unassigned
powwow-client 13223/tcp PowWow Client
powwow-client 13223/udp PowWow Client
powwow-server 13224/tcp PowWow Server
powwow-server 13224/udp PowWow Server
#                               Paul K. Peterson <paul@tribal.com>
#                               13225-13719 Unassigned
bprd 13720/tcp BPRD Protocol (VERITAS NetBackup)
bprd 13720/udp BPRD Protocol (VERITAS NetBackup)
bpdbm 13721/tcp BPDBM Protocol (VERITAS NetBackup)
bpdbm 13721/udp BPDBM Protocol (VERITAS NetBackup)
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
bpjava-msvc 13722/tcp BP Java MSVC Protocol
bpjava-msvc 13722/udp BP Java MSVC Protocol
#                               Tim Schmidt <Tim.Schmidt@veritas.com>
#                               13723 Unassigned
vnetd 13724/tcp Veritas Network Utility
vnetd 13724/udp Veritas Network Utility
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#                               13725-13781 Unassigned
bpcd 13782/tcp VERITAS NetBackup
bpcd 13782/udp VERITAS NetBackup
vopied 13783/tcp VOPIED Protocol
vopied 13783/udp VOPIED Protocol
#                               Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#                               13784-13817 Unassigned
dsmcc-config 13818/tcp DSMCC Config
dsmcc-config 13818/udp DSMCC Config
dsmcc-session 13819/tcp DSMCC Session Messages
dsmcc-session 13819/udp DSMCC Session Messages
dsmcc-passthru 13820/tcp DSMCC Pass-Thru Messages
dsmcc-passthru 13820/udp DSMCC Pass-Thru Messages
dsmcc-download 13821/tcp DSMCC Download Protocol
dsmcc-download 13821/udp DSMCC Download Protocol
dsmcc-ccp 13822/tcp DSMCC Channel Change Protocol

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dsmcc-ccp      13822/udp  DSMCC Channel Change Protocol
#              Tim Addington <Tim.Addington@sciatl.com>
#              ISO/IEC 13818-6 MPEG-2 DSM-CC
#              13823-14000 Unassigned
sua            14001/tcp  SUA
sua            14001/udp  De-Registered (2001 June 06)
sua            14001/sctp  SUA
#              Miguel Angel Garcia <Miguel.A.Garcia@ericsson.com>
#              14002-14032 Unassigned
sage-best-com1 14033/tcp  sage Best! Config Server 1
sage-best-com1 14033/udp  sage Best! Config Server 1
sage-best-com2 14034/tcp  sage Best! Config Server 2
sage-best-com2 14034/udp  sage Best! Config Server 2
#              Christian Rubach <Christian_Rubach@bestsoftware.com>
#              14035-14140 Unassigned
vcs-app       14141/tcp  VCS Application
vcs-app       14141/udp  VCS Application
#              Ming Xu <ming@veritas.com>
#              14142-14144 Unassigned
gcm-app       14145/tcp  GCM Application
gcm-app       14145/udp  GCM Application
#              Ming Xu <ming@veritas.com>
#              14146-14148 Unassigned
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 Aquisition
hydap         15000/udp  Hypack Data Aquisition
#              Mircea Neacsu <mircea@videotron.ca>
#              15001-15344 Unassigned
xpilot        15345/tcp  XPilot Contact Port
xpilot        15345/udp  XPilot Contact Port
#              Bert Gijsbers <bert@xpilot.org>
#              15346-16359 Unassigned
netserialext1 16360/tcp  netserialext1
netserialext1 16360/udp  netserialext1
netserialext2 16361/tcp  netserialext2
netserialext2 16361/udp  netserialext2
#              Mike Hoy <mhoy@aquilagroup.com>
#              16362-16366 Unassigned
netserialext3 16367/tcp  netserialext3
netserialext3 16367/udp  netserialext3
netserialext4 16368/tcp  netserialext4
netserialext4 16368/udp  netserialext4
#              Mike Hoy <mhoy@aquilagroup.com>
#              16369-16990 Unassigned
intel-rci-mp  16991/tcp  INTEL-RCI-MP
intel-rci-mp  16991/udp  INTEL-RCI-MP
#              Jane Dashevsky <jane.dashevsky@intel.com>
#              16992-17006 Unassigned
isode-dua     17007/tcp
isode-dua     17007/udp
#              17008-17184 Unassigned
soundsvirtual 17185/tcp  Sounds Virtual
soundsvirtual 17185/udp  Sounds Virtual
#              Richard Snider <rsnider@sounds.com>
#              17186-17218 Unassigned

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chipper      17219/tcp  Chipper
chipper      17219/udp  Chipper
#           Ronald Jimmink <Ronald.Jimmink@chipper.nl>
#           17220-17999 Unassigned
biimenu     18000/tcp  Beckman Instruments, Inc.
biimenu     18000/udp  Beckman Instruments, Inc.
#           R. L. Meyering <RLMEYERING@BIIVAX.DP.BECKMAN.COM>
#           18001-18180 Unassigned
opsec-cvp   18181/tcp  OPSEC CVP
opsec-cvp   18181/udp  OPSEC CVP
opsec-ufp   18182/tcp  OPSEC UFP
opsec-ufp   18182/udp  OPSEC UFP
#           Alon Kantor <alonk@checkpoint.com>
opsec-sam   18183/tcp  OPSEC SAM
opsec-sam   18183/udp  OPSEC SAM
opsec-lea   18184/tcp  OPSEC LEA
opsec-lea   18184/udp  OPSEC LEA
opsec-omi   18185/tcp  OPSEC OMI
opsec-omi   18185/udp  OPSEC OMI
#           Alon Kantor <alonk@checkpoint.com>
#           18186 Unassigned
opsec-ela   18187/tcp  OPSEC ELA
opsec-ela   18187/udp  OPSEC ELA
#           Alon Kantor <alonk@checkpoint.com>
#           18188-18240 Unassigned
checkpoint-rtm 18241/tcp  Check Point RTM
checkpoint-rtm 18241/udp  Check Point RTM
#           Dudi Hazan <dudi@checkpoint.com>
#           18242-18462 Unassigned
ac-cluster  18463/tcp  AC Cluster
ac-cluster  18463/udp  AC Cluster
#           Lisa Zhong <lzhong@cup.hp.com>
#           18464-18887 Unassigned
apc-necmp   18888/tcp  APCNECMP
apc-necmp   18888/udp  APCNECMP
#           Michael Yip <myip@astralpoint.com>
#           18889-19190 Unassigned
opsec-uaa   19191/tcp  opsec-uaa
opsec-uaa   19191/udp  opsec-uaa
#           Tsachhi Sharfman <tsachis@checkpoint.com>
#           19192-19282 Unassigned
keysrvr     19283/tcp  Key Server for SASSAFRAS
keysrvr     19283/udp  Key Server for SASSAFRAS
#           Mark Valence <kurash@sassafras.com>
#           19284-19314 Unassigned
keyshadow   19315/tcp  Key Shadow for SASSAFRAS
keyshadow   19315/udp  Key Shadow for SASSAFRAS
#           Mark Valence <kurash@sassafras.com>
#           19316-19397 Unassigned
mtrgtrans   19398/tcp  mtrgtrans
mtrgtrans   19398/udp  mtrgtrans
#           Katsuhito Muroi <muroi@pfu.co.jp>
#           19399-19409 Unassigned
hp-sco      19410/tcp  hp-sco
hp-sco      19410/udp  hp-sco
hp-sca      19411/tcp  hp-sca
hp-sca      19411/udp  hp-sca
#           Larry Schwartz <lrs@cup.hp.com>
hp-sessmon  19412/tcp  HP-SESSMON
hp-sessmon  19412/udp  HP-SESSMON
#           Gita Murthy <gita@cup.hp.com>
#           19413-19540 Unassigned
jcp         19541/tcp  JCP Client
jcp         19541/udp  JCP Client

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#                Yuji Sasaki <sasaki@jci.co.jp>
#                19542-19999 Unassigned
dnp              20000/tcp  DNP
dnp              20000/udp  DNP
#                Michael Thesing <michael.thesing@acsatlanta.com>
#                20001-20221 Unassigned
ipulse-ics      20222/tcp  iPulse-ICS
ipulse-ics      20222/udp  iPulse-ICS
#                Meggie Garica-Woodruff <ipulse@ericsson.com>
#                20223-20669 Unassigned
track           20670/tcp  Track
track           20670/udp  Track
#                Michael Sweet <msweet@ctr.nawcad.navy.mil>
#                20671-20998 Unassigned
athand-mmp      20999/tcp  At Hand MMP
athand-mmp      20999/udp  AT Hand MMP
#                Stepan Riha <stepan.riha@hand.com>
#                20300-21589 Unassigned
vofr-gateway    21590/tcp  VoFR Gateway
vofr-gateway    21590/udp  VoFR Gateway
#                Marty Borden <mborden@tollbridgetech.com>
#                21591-21799 Unassigned
tvpm            21800/tcp  TVNC Pro Multiplexing
tvpm            21800/udp  TVNC Pro Multiplexing
#                Brian Blevins <brian.blevins@tridia.com>
#                21801-21844 Unassigned
webphone        21845/tcp  webphone
webphone        21845/udp  webphone
netspeak-is    21846/tcp  NetSpeak Corp. Directory Services
netspeak-is    21846/udp  NetSpeak Corp. Directory Services
netspeak-cs    21847/tcp  NetSpeak Corp. Connection Services
netspeak-cs    21847/udp  NetSpeak Corp. Connection Services
netspeak-acd   21848/tcp  NetSpeak Corp. Automatic Call Distribution
netspeak-acd   21848/udp  NetSpeak Corp. Automatic Call Distribution
netspeak-cps   21849/tcp  NetSpeak Corp. Credit Processing System
netspeak-cps   21849/udp  NetSpeak Corp. Credit Processing System
#                Toby Hosterman <root@netspeak.com>
#                21850-21999 Unassigned
snapenetio      22000/tcp  SNAPenetIO
snapenetio      22000/udp  SNAPenetIO
optocontrol     22001/tcp  OptoControl
optocontrol     22001/udp  OptoControl
#                Kevin Kuhns <kkuhns@opto22.com>
#                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

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med-fsp-tx      24002/tcp med-fsp-tx
med-fsp-tx      24002/udp med-fsp-tx
med-supp        24003/tcp med-supp
med-supp        24003/udp med-supp
med-ovw         24004/tcp med-ovw
med-ovw         24004/udp med-ovw
med-ci          24005/tcp med-ci
med-ci          24005/udp med-ci
med-net-svc     24006/tcp med-net-svc
med-net-svc     24006/udp med-net-svc
#               Juergen Fischbach <Juergen_Fischbach@agilent.com>
#               24007-24241 Unassigned
filesphere      24242/tcp fileSphere
filesphere      24242/udp fileSphere
#               Carl Cedergren <asperon@home.se>
#               24243-24248 Unassigned
vista-4gl       24249/tcp Vista 4GL
vista-4gl       24249/udp Vista 4GL
#               Mark Itzcovitz <mji@vistacom.com>
#               24250-24385 Unassigned
intel_rci       24386/tcp Intel RCI
intel_rci       24386/udp Intel RCI
#               Mark Lewis <mark.h.lewis@intel.com>
#               24387-24553 Unassigned
binkp           24554/tcp BINKP
binkp           24554/udp BINKP
#               Max Masyutin <max@ritlabs.com>
#               24554-34676 Unassigned
flashfiler      24677/tcp FlashFiler
flashfiler      24677/udp FlashFiler
#               Ben Oram <beno@turbopower.com>
proactivate     24678/tcp Turbopower Proactivate
proactivate     24678/udp Turbopower Proactivate
#               Ben Oram <beno@turbopower.com>
#               24679-24921 Unassigned
snip            24922/tcp Simple Net Ident Protocol
snip            24922/udp Simple Net Ident Protocol
#               Jean-Paul Moreaux
#               <jean-paul.moreaux@airbus.dasa.de>
#               24923-24999 Unassigned
icl-twobase1    25000/tcp icl-twobase1
icl-twobase1    25000/udp icl-twobase1
icl-twobase2    25001/tcp icl-twobase2
icl-twobase2    25001/udp icl-twobase2
icl-twobase3    25002/tcp icl-twobase3
icl-twobase3    25002/udp icl-twobase3
icl-twobase4    25003/tcp icl-twobase4
icl-twobase4    25003/udp icl-twobase4
icl-twobase5    25004/tcp icl-twobase5
icl-twobase5    25004/udp icl-twobase5
icl-twobase6    25005/tcp icl-twobase6
icl-twobase6    25005/udp icl-twobase6
icl-twobase7    25006/tcp icl-twobase7
icl-twobase7    25006/udp icl-twobase7
icl-twobase8    25007/tcp icl-twobase8
icl-twobase8    25007/udp icl-twobase8
icl-twobase9    25008/tcp icl-twobase9
icl-twobase9    25008/udp icl-twobase9
icl-twobase10   25009/tcp icl-twobase10
icl-twobase10   25009/udp icl-twobase10
#               J. A. (Tony) Sever <J.A.Sever@bra0119.wins.icl.co.uk>
#               25010-25792 Unassigned
vocaltec-hos    25793/tcp Vocaltec Address Server
vocaltec-hos    25793/udp Vocaltec Address Server

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#                               Scott Petrack <Scott_Petrack@vocaltec.com>
#                               25794-25900 Unassigned
niobserver                       25901/tcp  NIObserver
niobserver                       25901/udp  NIObserver
#                               Roman Oliynyk <romano@netinst.com>
#                               25902          Unassigned
niprobe                          25903/tcp  NIProbe
niprobe                          25903/udp  NIProbe
#                               Roman Oliynyk <romano@netinst.com>
#                               25904-25999 Unassigned
quake                           26000/tcp  quake
quake                           26000/udp  quake
#                               Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
#                               26001-26207 Unassigned
wnn6-ds                         26208/tcp  wnn6-ds
wnn6-ds                         26208/udp  wnn6-ds
#                               Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
#                               26209-26259 Unassigned
ezproxy                         26260/tcp  eZproxy
ezproxy                         26260/udp  eZproxy
ezmeeting                       26261/tcp  eZmeeting
ezmeeting                       26261/udp  eZmeeting
#                               Albert C. Yang <albert.yang@eZmeeting.com>
k3software-svr                 26262/tcp  K3 Software-Server
k3software-svr                 26262/udp  K3 Software-Server
k3software-cli                 26263/tcp  K3 Software-Client
k3software-cli                 26263/udp  K3 Software-Client
#                               Jim 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
#                               Keith Trummel <trummel@xippix.com>
#                               27346-27998 Unassigned
tw-auth-key                    27999/tcp  TW Authentication/Key Distribution and
tw-auth-key                    27999/udp  Attribute Certificate Services
#                               Alex Duncan <Alex.Duncan@sse.ie>
#                               28000-30000 Unassigned
pago-services1                 30001/tcp  Pago Services 1
pago-services1                 30001/udp  Pago Services 1
pago-services2                 30002/tcp  Pago Services 2
pago-services2                 30002/udp  Pago Services 2
#                               Balduin Mueller-Platz
#                               <balduin.mueller-platz@pago.de> March 2002
#                               30003-32767 Unassigned
filenet-tms                   32768/tcp  Filenet TMS
filenet-tms                   32768/udp  Filenet TMS
filenet-rpc                   32769/tcp  Filenet RPC
filenet-rpc                   32769/udp  Filenet RPC
filenet-nch                   32770/tcp  Filenet NCH
filenet-nch                   32770/udp  Filenet NCH
#                               Daniel Whelan <dwhelan@filenet.com>
filenet-rmi                   32771/tcp  FileNET RMI
filenet-rmi                   32771/udp  FileNet RMI
#                               Chris Adkins <cadkins@filenet.com>
#                               32772-33433 Unassigned
traceroute                    33434/tcp  traceroute use
traceroute                    33434/udp  traceroute use
#                               IANA <iana@iana.org>

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# 33435-34248 Unassigned
turbonote-2 34249/tcp TurboNote Relay Server Default Port
turbonote-2 34249/udp TurboNote Relay Server Default Port
# Peter Hyde <peter@spis.co.nz>
# 34250-36864 Unassigned
kastenxpipe 36865/tcp KastenX Pipe
kastenxpipe 36865/udp KastenX Pipe
# Guy Cheng <GCHE@kastenCHASE.com>
# 36866-37474 Unassigned
neckar 37475/tcp science + computing's Venus Administration Port
neckar 37475/udp science + computing's Venus Administration Port
# Ralf Allrutz <R.Allrutz@science-computing.de> February
# 37476-39680 Unassigned
turbonote-1 39681/tcp TurboNote Default Port
turbonote-1 39681/udp TurboNote Default Port
# Peter Hyde <peter@spis.co.nz>
# 39682-40840 Unassigned
cscp 40841/tcp CSCP
cscp 40841/udp CSCP
# Michael Dodge <sarge@centerspan.com>
csccredir 40842/tcp CSCCREDIR
csccredir 40842/udp CSCCREDIR
cscCFirewall 40843/tcp CSCCFIREWALL
cscCFirewall 40843/udp CSCCFIREWALL
# Sudhir Menon <sudhir@centerspan.com>
# 40844-41110 Unassigned
fs-qos 41111/tcp Foursticks QoS Protocol
fs-qos 41111/udp Forusticks QoS Protocol
# Chee Kent Lam <cklam@foursticks.com> April 2002
# 41112-43187 Unassigned
reachout 43188/tcp REACHOUT
reachout 43188/udp REACHOUT
ndm-agent-port 43189/tcp NDM-AGENT-PORT
ndm-agent-port 43189/udp NDM-AGENT-PORT
ip-provision 43190/tcp IP-PROVISION
ip-provision 43190/udp IP-PROVISION
# Roman Kriis <roman@previo.ee>
# 43191-44817 Unassigned
rockwell-encap 44818/tcp Rockwell Encapsulation
rockwell-encap 44818/udp Rockwell Encapsulation
# Brian Batke <babatke@ra.rockwell.com>
# 44819-45053 Unassigned
invision-ag 45054/tcp InVision AG
invision-ag 45054/udp InVision AG
# Matthias Schroer <matthias.schroer@invision.de>
# 45055-45677 Unassigned
eba 45678/tcp EBA PRISE
eba 45678/udp EBA PRISE
# Patrick<Kara ><Patrick@EBA.NET>
# 45679-45965 Unassigned
ssr-servermgr 45966/tcp SSRServerMgr
ssr-servermgr 45966/udp SSRServerMgr
# Jeremy Gilliat <jeremy.gilliat@geac.com>
# 45967-46999 Unassigned
mbus 47000/tcp Message Bus
mbus 47000/udp Message Bus
# Dirk Kutscher <dKu@informatik.uni-bremen.de>
# 47001-47556 Unassigned
dbbrowse 47557/tcp Databeam Corporation
dbbrowse 47557/udp Databeam Corporation
# Cindy Martin <cmartin@databeam.com>
# 47558-47623 Unassigned
directplaysrvr 47624/tcp Direct Play Server
directplaysrvr 47624/udp Direct Play Server

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#                               Ajay Jindal <ajayj@microsoft.com>
#                               47625-47805 Unassigned
ap                               47806/tcp  ALC Protocol
ap                               47806/udp  ALC Protocol
#                               Andrew Newton <alnewton@automatedlogic.com>
#                               47807          Unassigned
bacnet                          47808/tcp  Building Automation and Control Networks
bacnet                          47808/udp  Building Automation and Control Networks
#                               H. Michael Newman <hmn2@cornell.edu>
#                               47809-47999 Unassigned
nimcontroller                   48000/tcp  Nimbus Controller
nimcontroller                   48000/udp  Nimbus Controller
nimspooler                      48001/tcp  Nimbus Spooler
nimspooler                      48001/udp  Nimbus Spooler
nimhub                          48002/tcp  Nimbus Hub
nimhub                          48002/udp  Nimbus Hub
nimgtw                          48003/tcp  Nimbus Gateway
nimgtw                          48003/udp  Nimbus Gateway
#                               Carstein Seeberg <case@nimsoft.no>
#                               48004-48555 Unassigned
com-bardac-dw                  48556/tcp  com-bardac-dw
com-bardac-dw                  48556/udp  com-bardac-dw
#                               Nicholas J Howes <nick@ghostwood.org>
#                               48557-49150 Unassigned
#                               49151          IANA Reserved

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DYNAMIC AND/OR PRIVATE PORTS

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

REFERENCES

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

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