

PORT NUMBERS

(last updated 9 June 2004)

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@cisco.com>	
#	4/tcp	Unassigned	
#	4/udp	Unassigned	
rje	5/tcp	Remote Job Entry	
rje	5/udp	Remote Job Entry	
#		Jon Postel <postel@isi.edu>	
#	6/tcp	Unassigned	
#	6/udp	Unassigned	
echo	7/tcp	Echo	
echo	7/udp	Echo	
#		Jon Postel <postel@isi.edu>	
#	8/tcp	Unassigned	
#	8/udp	Unassigned	
discard	9/tcp	Discard	
discard	9/udp	Discard	
#		Jon Postel <postel@isi.edu>	
#	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	

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#          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
#          #         34/udp    Unassigned
#          35/tcp    any private printer server
#          35/udp    any private printer server
#          #         Jon Postel <postel@isi.edu>
#          #         36/tcp    Unassigned
#          #         36/udp    Unassigned
time      37/tcp    Time
time      37/udp    Time
#          #         Jon Postel <postel@isi.edu>
rap       38/tcp    Route Access Protocol
rap       38/udp    Route Access Protocol
#          #         Robert Ullmann <ariel@world.std.com>
rlp       39/tcp    Resource Location Protocol
rlp       39/udp    Resource Location Protocol
#          #         Mike Accetta <MIKE.ACSETTA@CMU-CS-A.EDU>
#          #         40/tcp    Unassigned
#          #         40/udp    Unassigned
graphics  41/tcp    Graphics
graphics  41/udp    Graphics
name      42/tcp    Host Name Server
name      42/udp    Host Name Server
nameserver 42/tcp    Host Name Server
nameserver 42/udp    Host Name Server
nickname  43/tcp    Who Is
nickname  43/udp    Who Is
mpm-flags 44/tcp    MPM FLAGS Protocol
mpm-flags 44/udp    MPM FLAGS Protocol
mpm       45/tcp    Message Processing Module [recv]

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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>
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

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

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#                <mailrus!uflorida!rml!dnmrt%rmatl@uunet.UU.NET>
tacnews         98/tcp      TAC News
tacnews         98/udp      TAC News
#
metagram        99/tcp      Metagram Relay
metagram        99/udp      Metagram Relay
#
newacct         100/tcp     [unauthorized use]
hostname        101/tcp     NIC Host Name Server
hostname        101/udp     NIC Host Name Server
#
iso-tsap        102/tcp     ISO-TSAP Class 0
iso-tsap        102/udp     ISO-TSAP Class 0
#
gppitnp        103/tcp     Genesis Point-to-Point Trans Net
gppitnp        103/udp     Genesis Point-to-Point Trans Net
acr-nema        104/tcp     ACR-NEMA Digital Imag. & Comm. 300
acr-nema        104/udp     ACR-NEMA Digital Imag. & Comm. 300
#
cso             105/tcp     CCSO name server protocol
cso             105/udp     CCSO name server protocol
#
csnet-ns        105/tcp     Mailbox Name Nameserver
csnet-ns        105/udp     Mailbox Name Nameserver
#
3com-tsmux      106/tcp     3COM-TSMUX
3com-tsmux      106/udp     3COM-TSMUX
#
#####         106         Unauthorized use by insecure poppassd protocol
rtelnet         107/tcp     Remote Telnet Service
rtelnet         107/udp     Remote Telnet Service
#
snagas          108/tcp     SNA Gateway Access Server
snagas          108/udp     SNA Gateway Access Server
#
pop2            109/tcp     Post Office Protocol - Version 2
pop2            109/udp     Post Office Protocol - Version 2
#
pop3            110/tcp     Post Office Protocol - Version 3
pop3            110/udp     Post Office Protocol - Version 3
#
sunrpc          111/tcp     SUN Remote Procedure Call
sunrpc          111/udp     SUN Remote Procedure Call
#
mcidas          112/tcp     McIDAS Data Transmission Protocol
mcidas          112/udp     McIDAS Data Transmission Protocol
#
ident           113/tcp     Authentication Service
auth            113/tcp     Authentication Service
auth            113/udp     Authentication Service
#
#              114         Deprecated June 2004
sftp           115/tcp     Simple File Transfer Protocol
sftp           115/udp     Simple File Transfer Protocol
#
ansanotify      116/tcp     ANSA REX Notify
ansanotify      116/udp     ANSA REX Notify
#
uucp-path       117/tcp     UUCP Path Service
uucp-path       117/udp     UUCP Path Service
sqlserv        118/tcp     SQL Services
sqlserv        118/udp     SQL Services
#
nntp            119/tcp     Network News Transfer Protocol
nntp            119/udp     Network News Transfer Protocol
#
cfdpckt         120/tcp     CFDPTKT
cfdpckt         120/udp     CFDPTKT
#
erpc            121/tcp     Encore Expedited Remote Pro.Call
erpc            121/udp     Encore Expedited Remote Pro.Call
#
smakynet        122/tcp     SMAKYNET
smakynet        122/udp     SMAKYNET
#
ntp             123/tcp     Network Time Protocol
ntp             123/udp     Network Time Protocol
#

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ansatrader      124/tcp      ANSA REX Trader
ansatrader      124/udp      ANSA REX Trader
#
locus-map       125/tcp      Locus PC-Interface Net Map Ser
locus-map       125/udp      Locus PC-Interface Net Map Ser
#
nxdedit         126/tcp      NXEdit
nxdedit         126/udp      NXEdit
#
#####Port 126 Previously assigned to application below#####
#unitary        126/tcp      Unisys Unitary Login
#unitary        126/udp      Unisys Unitary Login
#
#####Port 126 Previously assigned to application above#####
locus-con       127/tcp      Locus PC-Interface Conn Server
locus-con       127/udp      Locus PC-Interface Conn Server
#
gss-xlicen     128/tcp      GSS X License Verification
gss-xlicen     128/udp      GSS X License Verification
#
pwdgen          129/tcp      Password Generator Protocol
pwdgen          129/udp      Password Generator Protocol
#
cisco-fna      130/tcp      cisco FNATIVE
cisco-fna      130/udp      cisco FNATIVE
cisco-tna      131/tcp      cisco TNATIVE
cisco-tna      131/udp      cisco TNATIVE
cisco-sys      132/tcp      cisco 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-cntl     141/tcp      EMFIS Control Service
emfis-cntl     141/udp      EMFIS Control Service
#
bl-idm         142/tcp      Britton-Lee IDM
bl-idm         142/udp      Britton-Lee IDM
#
imap           143/tcp      Internet Message Access Protocol
imap           143/udp      Internet Message Access Protocol
#
uma            144/tcp      Universal Management Architecture
uma            144/udp      Universal Management Architecture
#
uaac           145/tcp      UAAC Protocol
uaac           145/udp      UAAC Protocol
#
iso-tp0        146/tcp      ISO-IP0
iso-tp0        146/udp      ISO-IP0
iso-ip         147/tcp      ISO-IP
iso-ip         147/udp      ISO-IP
#
jargon         148/tcp      Jargon
jargon         148/udp      Jargon
#
aed-512        149/tcp      AED 512 Emulation Service
aed-512        149/udp      AED 512 Emulation Service
#
sql-net        150/tcp      SQL-NET
sql-net        150/udp      SQL-NET

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#           Martin Picard <----none---->
hems       151/tcp    HEMS
hems       151/udp    HEMS
bftp       152/tcp    Background File Transfer Program
bftp       152/udp    Background File Transfer Program
#           Annette DeSchon <DESCHON@ISI.EDU>
sgmp       153/tcp    SGMP
sgmp       153/udp    SGMP
#           Marty Schoffstahl <schoff@NISC.NYSER.NET>
netsc-prod 154/tcp    NETSC
netsc-prod 154/udp    NETSC
netsc-dev  155/tcp    NETSC
netsc-dev  155/udp    NETSC
#           Sergio Heker <heker@JVNCC.CSC.ORG>
sqlsrv     156/tcp    SQL Service
sqlsrv     156/udp    SQL Service
#           Craig Rogers <Rogers@ISI.EDU>
knet-cmp   157/tcp    KNET/VM Command/Message Protocol
knet-cmp   157/udp    KNET/VM Command/Message Protocol
#           Gary S. Malkin <GMALKIN@XYLOGICS.COM>
pcmail-srv 158/tcp    PCMail Server
pcmail-srv 158/udp    PCMail Server
#           Mark L. Lambert <markl@PTT.LCS.MIT.EDU>
nss-routing 159/tcp    NSS-Routing
nss-routing 159/udp    NSS-Routing
#           Yakov Rekhter <Yakov@IBM.COM>
sgmp-traps 160/tcp    SGMP-TRAPS
sgmp-traps 160/udp    SGMP-TRAPS
#           Marty Schoffstahl <schoff@NISC.NYSER.NET>
snmp       161/tcp    SNMP
snmp       161/udp    SNMP
snmptrap   162/tcp    SNMPTRAP
snmptrap   162/udp    SNMPTRAP
#           Marshall Rose <mrose@dbc.mtview.ca.us>
cmip-man   163/tcp    CMIP/TCP Manager
cmip-man   163/udp    CMIP/TCP Manager
cmip-agent 164/tcp    CMIP/TCP Agent
cmip-agent 164/udp    CMIP/TCP Agent
#           Amatzia Ben-Artzi <----none---->
xns-courier 165/tcp    Xerox
xns-courier 165/udp    Xerox
#           Susie Armstrong <Armstrong.wbst128@XEROX.COM>
s-net      166/tcp    Sirius Systems
s-net      166/udp    Sirius Systems
#           Brian Lloyd <brian@lloyd.com>
namp       167/tcp    NAMP
namp       167/udp    NAMP
#           Marty Schoffstahl <schoff@NISC.NYSER.NET>
rsvd       168/tcp    RSVD
rsvd       168/udp    RSVD
#           Neil Todd <mcvax!ist.co.uk!neil@UUNET.UU.NET>
send       169/tcp    SEND
send       169/udp    SEND
#           William D. Wisner <wisner@HAYES.FAI.ALASKA.EDU>
print-srv  170/tcp    Network PostScript
print-srv  170/udp    Network PostScript
#           Brian Reid <reid@DECWRL.DEC.COM>
multiplex  171/tcp    Network Innovations Multiplex
multiplex  171/udp    Network Innovations Multiplex
cl/1       172/tcp    Network Innovations CL/1
cl/1       172/udp    Network Innovations CL/1
#           Kevin DeVault <----none---->
xyplex-mux 173/tcp    Xyplex
xyplex-mux 173/udp    Xyplex
#           Bob Stewart <STEWART@XYPLEX.COM>
mailq      174/tcp    MAILQ
mailq      174/udp    MAILQ
#           Rayan Zachariassen <rayan@AI.TORONTO.EDU>
vmnet      175/tcp    VMNET
vmnet      175/udp    VMNET
#           Christopher Tengi <tengi@Princeton.EDU>
genrad-mux 176/tcp    GENRAD-MUX
genrad-mux 176/udp    GENRAD-MUX
#           Ron Thornton <thornton@qm7501.genrad.com>
xdmcp      177/tcp    X Display Manager Control Protocol
xdmcp      177/udp    X Display Manager Control Protocol
#           Robert W. Scheifler <RWS@XX.LCS.MIT.EDU>
nextstep   178/tcp    NextStep Window Server

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nextstep	178/udp	NextStep Window Server
#		Leo Hourvitz <leo@NEXT.COM>
bgp	179/tcp	Border Gateway Protocol
bgp	179/udp	Border Gateway Protocol
#		Kirk Lougheed <LOUGHEED@MATHOM.CISCO.COM>
ris	180/tcp	Intergraph
ris	180/udp	Intergraph
#		Dave Buehmann <ingr!daveb@UUNET.UU.NET>
unify	181/tcp	Unify
unify	181/udp	Unify
#		Mark Ainsley <ianaportmaster@unify.com>
audit	182/tcp	Unisys Audit SITP
audit	182/udp	Unisys Audit SITP
#		Gil Greenbaum <gcole@nisd.cam.unisys.com>
ocbinder	183/tcp	OCBinder
ocbinder	183/udp	OCBinder
ocserver	184/tcp	OCServer
ocserver	184/udp	OCServer
#		Jerrilynn Okamura <---none---
remote-kis	185/tcp	Remote-KIS
remote-kis	185/udp	Remote-KIS
kis	186/tcp	KIS Protocol
kis	186/udp	KIS Protocol
#		Ralph Droms <rdroms@NRI.RESTON.VA.US>
aci	187/tcp	Application Communication Interface
aci	187/udp	Application Communication Interface
#		Rick Carlos <rick.ticipa.csc.ti.com>
mumps	188/tcp	Plus Five's MUMPS
mumps	188/udp	Plus Five's MUMPS
#		Hokey Stenn <hokey@PLUS5.COM>
qft	189/tcp	Queued File Transport
qft	189/udp	Queued File Transport
#		Wayne Schroeder <schroeder@SDS.SDSC.EDU>
gacp	190/tcp	Gateway Access Control Protocol
gacp	190/udp	Gateway Access Control Protocol
#		C. Philip Wood <cpw@LANL.GOV>
prospero	191/tcp	Prospero Directory Service
prospero	191/udp	Prospero Directory Service
#		B. Clifford Neuman <bcn@isi.edu>
osu-nms	192/tcp	OSU Network Monitoring System
osu-nms	192/udp	OSU Network Monitoring System
#		Doug Karl <KARL-D@OSU-20.IRCC.OHIO-STATE.EDU>
srmp	193/tcp	Spider Remote Monitoring Protocol
srmp	193/udp	Spider Remote Monitoring Protocol
#		Ted J. Socolofsky <Teds@SPIDER.CO.UK>
irc	194/tcp	Internet Relay Chat Protocol
irc	194/udp	Internet Relay Chat Protocol
#		Jarkko Oikarinen <jto@TOLSUN.OULU.FI>
dn6-nlm-aud	195/tcp	DNSIX Network Level Module Audit
dn6-nlm-aud	195/udp	DNSIX Network Level Module Audit
dn6-smm-red	196/tcp	DNSIX Session Mgt Module Audit Redir
dn6-smm-red	196/udp	DNSIX Session Mgt Module Audit Redir
#		Lawrence Lebahn <DIA3@PAXRV-NES.NAVY.MIL>
dls	197/tcp	Directory Location Service
dls	197/udp	Directory Location Service
dls-mon	198/tcp	Directory Location Service Monitor
dls-mon	198/udp	Directory Location Service Monitor
#		Scott Bellew <smb@cs.purdue.edu>
smux	199/tcp	SMUX
smux	199/udp	SMUX
#		Marshall Rose <mrose@dbc.mtview.ca.us>
src	200/tcp	IBM System Resource Controller
src	200/udp	IBM System Resource Controller
#		Gerald McBrearty <---none---
at-rtmp	201/tcp	AppleTalk Routing Maintenance
at-rtmp	201/udp	AppleTalk Routing Maintenance
at-nbp	202/tcp	AppleTalk Name Binding
at-nbp	202/udp	AppleTalk Name Binding
at-3	203/tcp	AppleTalk Unused
at-3	203/udp	AppleTalk Unused
at-echo	204/tcp	AppleTalk Echo
at-echo	204/udp	AppleTalk Echo
at-5	205/tcp	AppleTalk Unused
at-5	205/udp	AppleTalk Unused
at-zis	206/tcp	AppleTalk Zone Information
at-zis	206/udp	AppleTalk Zone Information
at-7	207/tcp	AppleTalk Unused
at-7	207/udp	AppleTalk Unused



at-8	208/tcp	AppleTalk Unused
at-8	208/udp	AppleTalk Unused
#		Rob Chandhok <chandhok@gnome.cs.cmu.edu>
qmtpt	209/tcp	The Quick Mail Transfer Protocol
qmtpt	209/udp	The Quick Mail Transfer Protocol
#		Dan Bernstein <djb@silverson.berkeley.edu>
z39.50	210/tcp	ANSI Z39.50
z39.50	210/udp	ANSI Z39.50
#		Mark H. Needleman <markn@sirsi.com>
914c/g	211/tcp	Texas Instruments 914C/G Terminal
914c/g	211/udp	Texas Instruments 914C/G Terminal
#		Bill Harrell <---none--->
anet	212/tcp	ATEXSSTR
anet	212/udp	ATEXSSTR
#		Jim Taylor <taylor@heart.epps.kodak.com>
ipx	213/tcp	IPX
ipx	213/udp	IPX
#		Don Provan <donp@xlnvax.novell.com>
vmpwscs	214/tcp	VM PWSCS
vmpwscs	214/udp	VM PWSCS
#		Dan Shia <dset!shia@uunet.UU.NET>
softptc	215/tcp	Insignia Solutions
softptc	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

#		J.S. Greenfield <greeny@raleigh.ibm.com>
set	257/tcp	Secure Electronic Transaction
set	257/udp	Secure Electronic Transaction
#		Donald Eastlake <dee3@torque.pothole.com>
yak-chat	258/tcp	Yak Winsock Personal Chat
yak-chat	258/udp	Yak Winsock Personal Chat
#		Brian Bandy <bbandy@swbell.net>
esro-gen	259/tcp	Efficient Short Remote Operations
esro-gen	259/udp	Efficient Short Remote Operations
#		Mohsen Banan <mohsen@rostam.neda.com>
openport	260/tcp	Openport
openport	260/udp	Openport
#		John Marland <jmarland@dean.openport.com>
nsiiops	261/tcp	IIOP Name Service over TLS/SSL
nsiiops	261/udp	IIOP Name Service over TLS/SSL
#		Jeff Stewart <jstewart@netscape.com>
arcisdms	262/tcp	Arcisdms
arcisdms	262/udp	Arcisdms
#		Russell Crook (rmc@sni.ca)
hdap	263/tcp	HDAP
hdap	263/udp	HDAP
#		Troy Gau <troy@zyxel.com>
bgmp	264/tcp	BGMP
bgmp	264/udp	BGMP
#		Dave Thaler <thalerd@eecs.umich.edu>
x-bone-ctl	265/tcp	X-Bone CTL
x-bone-ctl	265/udp	X-Bone CTL
#		Joe Touch <touch@isi.edu>
sst	266/tcp	SCSI on ST
sst	266/udp	SCSI on ST
#		Donald D. Woelz <don@genroco.com>
td-service	267/tcp	Tobit David Service Layer
td-service	267/udp	Tobit David Service Layer
td-replica	268/tcp	Tobit David Replica
td-replica	268/udp	Tobit David Replica
#		Franz-Josef Leuders <development@tobit.com>
#	269-279	Unassigned
http-mgmt	280/tcp	http-mgmt
http-mgmt	280/udp	http-mgmt
#		Adrian Pell
#		<PELL_ADRIAN/HP-UnitedKingdom_om6@hplb.hpl.hp.com>
personal-link	281/tcp	Personal Link
personal-link	281/udp	Personal Link
#		Dan Cummings <doc@cnr.com>
cableport-ax	282/tcp	Cable Port A/X
cableport-ax	282/udp	Cable Port A/X
#		Craig Langfahl <Craig_J_Langfahl@ccm.ch.intel.com>
rescap	283/tcp	rescap
rescap	283/udp	rescap
#		Paul Hoffman <phoffman@imc.org>
corerjd	284/tcp	corerjd
corerjd	284/udp	corerjd
#		Chris Thornhill <port_contact@cjt.ca>
#	285	Unassigned
fxp	286/tcp	FXP Communication
fxp	286/udp	FXP Communication
#		James Darnall <james_r_darnall@sbcglobal.net>
k-block	287/tcp	K-BLOCK
k-block	287/udp	K-BLOCK
#		Simon P Jackson <jacko@kring.co.uk>
#	288-307	Unassigned
novastorbakcup	308/tcp	Novastor Backup
novastorbakcup	308/udp	Novastor Backup
#		Brian Dickman <brian@novastor.com>
entrusttime	309/tcp	EntrustTime
entrusttime	309/udp	EntrustTime
#		Peter Whittaker <pww@entrust.com>
bhmnds	310/tcp	bhmnds
bhmnds	310/udp	bhmnds
#		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

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# 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>
rtsp 322/tcp RTSPS
rtsp 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
# 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

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shrinkwrap	358/udp	Shrinkwrap
#		Bill Simpson <wsimpson@greendragon.com>
nsrmp	359/tcp	Network Security Risk Management Protocol
nsrmp	359/udp	Network Security Risk Management Protocol
#		Eric Jacksch <jacksch@tenebris.ca>
scoi2odialog	360/tcp	scoi2odialog
scoi2odialog	360/udp	scoi2odialog
#		Keith Petley <keithp@sco.COM>
semantix	361/tcp	Semantix
semantix	361/udp	Semantix
#		Semantix <xsSupport@semantix.com>
srssend	362/tcp	SRS Send
srssend	362/udp	SRS Send
#		Curt Mayer <curt@emergent.com>
rsvp_tunnel	363/tcp	RSVP Tunnel
rsvp_tunnel	363/udp	RSVP Tunnel
#		Andreas Terzis <terzis@cs.ucla.edu>
aurora-cmgr	364/tcp	Aurora CMGR
aurora-cmgr	364/udp	Aurora CMGR
#		Philip Budne <budne@auroratech.com>
dtk	365/tcp	DTK
dtk	365/udp	DTK
#		Fred Cohen <fc@all.net>
odmr	366/tcp	ODMR
odmr	366/udp	ODMR
#		Randall Gellens <randy@qualcomm.com>
mortgageware	367/tcp	MortgageWare
mortgageware	367/udp	MortgageWare
#		Ole Hellevik <oleh@interlinq.com>
qbikgdp	368/tcp	QbikGDP
qbikgdp	368/udp	QbikGDP
#		Adrien de Croy <adrien@qbik.com>
rpc2portmap	369/tcp	rpc2portmap
rpc2portmap	369/udp	rpc2portmap
codaaauth2	370/tcp	codaaauth2
codaaauth2	370/udp	codaaauth2
#		Robert Watson <robert@cyrus.watson.org>
clearcase	371/tcp	Clearcase
clearcase	371/udp	Clearcase
#		Dave LeBlang <leblang@atria.com>
ulistproc	372/tcp	ListProcessor
ulistproc	372/udp	ListProcessor
#		Anastasios Kotsikonas <tasos@cs.bu.edu>
legent-1	373/tcp	Legent Corporation
legent-1	373/udp	Legent Corporation
legent-2	374/tcp	Legent Corporation
legent-2	374/udp	Legent Corporation
#		Keith Boyce <---none---
hassle	375/tcp	Hassle
hassle	375/udp	Hassle
#		Reinhard Doelz <doelz@comp.bioz.unibas.ch>
nip	376/tcp	Amiga Envoy Network Inquiry Proto
nip	376/udp	Amiga Envoy Network Inquiry Proto
#		Heinz Wrobel <hwrobel@gmx.de>
tnETOS	377/tcp	NEC Corporation
tnETOS	377/udp	NEC Corporation
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@munnari.OZ.AU>
ibm-app	385/tcp	IBM Application
ibm-app	385/udp	IBM Application
#		Lisa Tomita <---none---
asa	386/tcp	ASA Message Router Object Def.

asa	386/udp	ASA Message Router Object Def.
#		Steve Laitinen <laitinen@brutus.aa.ab.com>
aurp	387/tcp	Appletalk Update-Based Routing Pro.
aurp	387/udp	Appletalk Update-Based Routing Pro.
#		Chris Ranch <cranch@novell.com>
unidata-ldm	388/tcp	Unidata LDM
unidata-ldm	388/udp	Unidata LDM
#		Glenn Davis <support@unidata.ucar.edu>
ldap	389/tcp	Lightweight Directory Access Protocol
ldap	389/udp	Lightweight Directory Access Protocol
#		Tim Howes <Tim.Howes@terminator.cc.umich.edu>
uis	390/tcp	UIS
uis	390/udp	UIS
#		Ed Barron <---none--- &gt;</td
synotics-relay	391/tcp	SynOptics SNMP Relay Port
synotics-relay	391/udp	SynOptics SNMP Relay Port
synotics-broker	392/tcp	SynOptics Port Broker Port
synotics-broker	392/udp	SynOptics Port Broker Port
#		Illan Raab <iraab@synoptics.com>
meta5	393/tcp	Meta5
meta5	393/udp	Meta5
#		Jim Kanzler <jim.kanzler@meta5.com>
embl-ndt	394/tcp	EMBL Nucleic Data Transfer
embl-ndt	394/udp	EMBL Nucleic Data Transfer
#		Peter Gad <peter@bmc.uu.se>
netcp	395/tcp	NETscout Control Protocol
netcp	395/udp	NETscout Control Protocol
#		Anil Singhal <---none--- &gt;</td
netware-ip	396/tcp	Novell Netware over IP
netware-ip	396/udp	Novell Netware over IP
mptn	397/tcp	Multi Protocol Trans. Net.
mptn	397/udp	Multi Protocol Trans. Net.
#		Soumitra Sarkar <sarkar@vnet.ibm.com>
kryptolan	398/tcp	Kryptolan
kryptolan	398/udp	Kryptolan
#		Peter de Laval <pdl@sectra.se>
iso-tsap-c2	399/tcp	ISO Transport Class 2 Non-Control over TCP
iso-tsap-c2	399/udp	ISO Transport Class 2 Non-Control over UDP
#		Yanick Pouffary <pouffary@taec.enet.dec.com>
work-sol	400/tcp	Workstation Solutions
work-sol	400/udp	Workstation Solutions
#		Jim Ward <jimw@worksta.com>
ups	401/tcp	Uninterruptible Power Supply
ups	401/udp	Uninterruptible Power Supply
#		Charles Bennett <chuck@benatong.com>
genie	402/tcp	Genie Protocol
genie	402/udp	Genie Protocol
#		Mark Hankin <---none--- &gt;</td
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--- &gt;</td
imsp	406/tcp	Interactive Mail Support Protocol
imsp	406/udp	Interactive Mail Support Protocol
#		John Myers <jgm+@cmu.edu>
timbuktu	407/tcp	Timbuktu
timbuktu	407/udp	Timbuktu
#		Marc Epard <marc@netopia.com>
prm-sm	408/tcp	Prospero Resource Manager Sys. Man.
prm-sm	408/udp	Prospero Resource Manager Sys. Man.
prm-nm	409/tcp	Prospero Resource Manager Node Man.
prm-nm	409/udp	Prospero Resource Manager Node Man.
#		B. Clifford Neuman <bcn@isi.edu>
decladdebug	410/tcp	DECLaddebug Remote Debug Protocol
decladdebug	410/udp	DECLaddebug Remote Debug Protocol
#		Anthony Berent <anthony.berent@reo.mts.dec.com>
rmt	411/tcp	Remote MT Protocol
rmt	411/udp	Remote MT Protocol
#		Peter Eriksson <pen@lysator.liu.se>
synoptics-trap	412/tcp	Trap Convention Port
synoptics-trap	412/udp	Trap Convention Port
#		Illan Raab <iraab@synoptics.com>
smsp	413/tcp	Storage Management Services Protocol
smsp	413/udp	Storage Management Services Protocol
#		Murthy Srinivas <murthy@novell.com>

infoseek	414/tcp	InfoSeek
infoseek	414/udp	InfoSeek
#		Steve Kirsch <stk@infoseek.com>
bnet	415/tcp	BNet
bnet	415/udp	BNet
#		Jim Mertz <JMertz+RV09@rvdc.unisys.com>
silverplatter	416/tcp	Silverplatter
silverplatter	416/udp	Silverplatter
#		Peter Ciuffetti <petec@silverplatter.com>
onmux	417/tcp	Onmux
onmux	417/udp	Onmux
#		Stephen Hanna <hanna@world.std.com>
hyper-g	418/tcp	Hyper-G
hyper-g	418/udp	Hyper-G
#		Frank Kappe <fkappe@iicm.tu-graz.ac.at>
ariell	419/tcp	Ariel 1
ariell	419/udp	Ariel 1
#		Joel Karafin <jkarafin@infotrieve.com>
smpte	420/tcp	SMPTE
smpte	420/udp	SMPTE
#		Si Becker <71362.22@CompuServe.COM>
ariel2	421/tcp	Ariel 2
ariel2	421/udp	Ariel 2
ariel3	422/tcp	Ariel 3
ariel3	422/udp	Ariel 3
#		Joel Karafin <jkarafin@infotrieve.com>
opc-job-start	423/tcp	IBM Operations Planning and Control Start
opc-job-start	423/udp	IBM Operations Planning and Control Start
opc-job-track	424/tcp	IBM Operations Planning and Control Track
opc-job-track	424/udp	IBM Operations Planning and Control Track
#		Conny Larsson <cocke@VNET.IBM.COM>
icad-el	425/tcp	ICAD
icad-el	425/udp	ICAD
#		Larry Stone <lcs@icad.com>
smartsdp	426/tcp	smartsdp
smartsdp	426/udp	smartsdp
#		Alexander Dupuy <dupuy@smarts.com>
svrloc	427/tcp	Server Location
svrloc	427/udp	Server Location
#		<veizades@ftp.com>
ocs_cmu	428/tcp	OCS_CMU
ocs_cmu	428/udp	OCS_CMU
ocs_amu	429/tcp	OCS_AMU
ocs_amu	429/udp	OCS_AMU
#		Florence Wyman <wyman@peabody.plk.af.mil>
utmpsd	430/tcp	UTMPSD
utmpsd	430/udp	UTMPSD
utmpcd	431/tcp	UTMPCD
utmpcd	431/udp	UTMPCD
iasd	432/tcp	IASD
iasd	432/udp	IASD
#		Nir Baroz <nbaroz@encore.com>
nnsdp	433/tcp	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-Remote Relational Database Access
ddm-rdb	446/udp	DDM-Remote Relational Database Access
ddm-dfm	447/tcp	DDM-Distributed File Management
ddm-dfm	447/udp	DDM-Distributed File Management
#		Steven Ritland <srr@us.ibm.com>
ddm-ssl	448/tcp	DDM-Remote DB Access Using Secure Sockets
ddm-ssl	448/udp	DDM-Remote DB Access Using Secure Sockets
#		Steven Ritland <srr@us.ibm.com>
as-servermap	449/tcp	AS Server Mapper
as-servermap	449/udp	AS Server Mapper
#		Barbara Foss <BGFOSS@rchvmv.vnet.ibm.com>
tserver	450/tcp	Computer Supported Telecommunication Applications
tserver	450/udp	Computer Supported Telecommunication Applications
#		Harvey S. Schultz <harvey@acm.org>
sfs-smp-net	451/tcp	Cray Network Semaphore server
sfs-smp-net	451/udp	Cray Network Semaphore server
sfs-config	452/tcp	Cray SFS config server
sfs-config	452/udp	Cray SFS config server
#		Walter Poxon <wdp@ironwood.cray.com>
creativeserver	453/tcp	CreativeServer
creativeserver	453/udp	CreativeServer
contentserver	454/tcp	ContentServer
contentserver	454/udp	ContentServer
creativepartnr	455/tcp	CreativePartnr
creativepartnr	455/udp	CreativePartnr
#		Jesus Ortiz <jesus_ortiz@emotion.com>
macon-tcp	456/tcp	macon-tcp
macon-udp	456/udp	macon-udp
#		Yoshinobu Inoue
#		<shin@hodaka.mfd.cs.fujitsu.co.jp>
scohelp	457/tcp	scohelp
scohelp	457/udp	scohelp
#		Faith Zack <faithz@sco.com>
appleqt	458/tcp	apple quick time
appleqt	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



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# <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
# 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>

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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
talk          517/udp    like tenex link, but across
#            #         machine - unfortunately, doesn't
#            #         use link protocol (this is actually
#            #         just a rendezvous port from which a
#            #         tcp connection is established)
ntalk        518/tcp
ntalk        518/udp
utime       519/tcp    unixtime
utime       519/udp    unixtime
efs         520/tcp    extended file name server
router      520/udp    local routing process (on site);
#           #         uses variant of Xerox NS routing
#           #         information protocol - RIP
ripng       521/tcp    ripng
ripng       521/udp    ripng
#           #         Robert E. Minnear <minnear@ipsilon.com>
ulp         522/tcp    ULP
ulp         522/udp    ULP
#           #         Max Morris <maxm@MICROSOFT.com>
ibm-db2     523/tcp    IBM-DB2
ibm-db2     523/udp    IBM-DB2
#           #         Juliana Hsu <jhsu@ca.ibm.com>
ncp         524/tcp    NCP
ncp         524/udp    NCP
#           #         Don Provan <donp@sjf.novell.com>
timed       525/tcp    timeserver
timed       525/udp    timeserver
tempo       526/tcp    newdate
tempo       526/udp    newdate
#           #         Unknown
stx         527/tcp    Stock IXChange
stx         527/udp    Stock IXChange
custix      528/tcp    Customer IXChange
custix      528/udp    Customer IXChange
#           #         Ferdi Ladeira <ferdi.ladeira@ixchange.com>
irc-serv    529/tcp    IRC-SERV
irc-serv    529/udp    IRC-SERV
#           #         Brian Tackett <cym@acrux.net>
courier     530/tcp    rpc
courier     530/udp    rpc
conference  531/tcp    chat
conference  531/udp    chat
netnews     532/tcp    readnews
netnews     532/udp    readnews
netwall     533/tcp    for emergency broadcasts
netwall     533/udp    for emergency broadcasts
mm-admin    534/tcp    MegaMedia Admin
mm-admin    534/udp    MegaMedia Admin
#           #         Andreas Heidemann <a.heidemann@ais-gmbh.de>
iiop        535/tcp    iiop
iiop        535/udp    iiop
#           #         Jeff M.Michaud <michaud@zk3.dec.com>
opalis-rdv  536/tcp    opalis-rdv
opalis-rdv  536/udp    opalis-rdv
#           #         Laurent Domenech <ldomenech@opalis.com>
nmsp        537/tcp    Networked Media Streaming Protocol
nmsp        537/udp    Networked Media Streaming Protocol
#           #         Paul Santinelli Jr. <psantinelli@narrative.com>
gdomap      538/tcp    gdomap
gdomap      538/udp    gdomap
#           #         Richard Frith-Macdonald <richard@brainstorm.co.uk>
apertus-ldp 539/tcp    Apertus Technologies Load Determination
apertus-ldp 539/udp    Apertus Technologies Load Determination
uucp        540/tcp    uucpd
uucp        540/udp    uucpd
uucp-rlogin 541/tcp    uucp-rlogin
uucp-rlogin 541/udp    uucp-rlogin
#           #         Stuart Lynne <sl@wimsey.com>
commerce    542/tcp    commerce
commerce    542/udp    commerce
#           #         Randy Epstein <repstein@host.net>
klogin      543/tcp
klogin      543/udp

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kshell	544/tcp	krcmd
kshell	544/udp	krcmd
appletcsrvr	545/tcp	appletcsrvr
appletcsrvr	545/udp	appletcsrvr
#		Murali Ranganathan
#		<Murali_Ranganathan@quickmail.apple.com>
dhcpv6-client	546/tcp	DHCPv6 Client
dhcpv6-client	546/udp	DHCPv6 Client
dhcpv6-server	547/tcp	DHCPv6 Server
dhcpv6-server	547/udp	DHCPv6 Server
#		Jim Bound <bound@zk3.dec.com>
afpovertcp	548/tcp	AFP over TCP
afpovertcp	548/udp	AFP over TCP
#		Leland Wallace <randall@apple.com>
idfp	549/tcp	IDFP
idfp	549/udp	IDFP
#		Ramana Kovi <ramana@kovi.com>
new-rwho	550/tcp	new-who
new-rwho	550/udp	new-who
cybercash	551/tcp	cybercash
cybercash	551/udp	cybercash
#		Donald E. Eastlake 3rd <dee@cybercash.com>
devshr-nts	552/tcp	DeviceShare
devshr-nts	552/udp	DeviceShare
#		Benjamin Rosenberg <brosenberg@advsyscon.com>
pirp	553/tcp	pirp
pirp	553/udp	pirp
#		D. J. Bernstein <djb@silverton.berkeley.edu>
rtsp	554/tcp	Real Time Stream Control Protocol
rtsp	554/udp	Real Time Stream Control Protocol
#		Rob Lanphier <robla@prognest.com>
dsf	555/tcp	
dsf	555/udp	
remotefs	556/tcp	rfs server
remotefs	556/udp	rfs server
openvms-sysipc	557/tcp	openvms-sysipc
openvms-sysipc	557/udp	openvms-sysipc
#		Alan Potter <potter@movies.enet.dec.com>
sdnskmp	558/tcp	SDNSKMP
sdnskmp	558/udp	SDNSKMP
teedtap	559/tcp	TEEDTAP
teedtap	559/udp	TEEDTAP
#		Mort Hoffman <hoffman@mail.ndhm.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
streetwork	566/tcp	streetwork
streetwork	566/udp	streetwork
banyan-rpc	567/tcp	banyan-rpc
banyan-rpc	567/udp	banyan-rpc
#		Tom Lemaire <ttml@banyan.com>
ms-shuttle	568/tcp	microsoft shuttle
ms-shuttle	568/udp	microsoft shuttle
#		Rudolph Balaz <rudolphb@microsoft.com>
ms-rome	569/tcp	microsoft rome
ms-rome	569/udp	microsoft rome
#		Rudolph Balaz <rudolphb@microsoft.com>
meter	570/tcp	demon
meter	570/udp	demon
meter	571/tcp	udemon
meter	571/udp	udemon
sonar	572/tcp	sonar
sonar	572/udp	sonar
#		Keith Moore <moore@cs.utk.edu>
banyan-vip	573/tcp	banyan-vip
banyan-vip	573/udp	banyan-vip
#		Denis Leclerc <DLeclerc@banyan.com>
ftp-agent	574/tcp	FTP Software Agent System

ftp-agent	574/udp	FTP Software Agent System
#		Michael S. Greenberg <arnoff@ftp.com>
vemmi	575/tcp	VEMMI
vemmi	575/udp	VEMMI
#		Daniel Mavrakis <mavrakis@mctel.fr>
ipcd	576/tcp	ipcd
ipcd	576/udp	ipcd
vnas	577/tcp	vnas
vnas	577/udp	vnas
ipdd	578/tcp	ipdd
ipdd	578/udp	ipdd
#		Jay Farhat <jfarhat@ipass.com>
decbsrv	579/tcp	decbsrv
decbsrv	579/udp	decbsrv
#		Rudi Martin <movies::martin"@movies.enet.dec.com>
sntp-heartbeat	580/tcp	SNTP HEARTBEAT
sntp-heartbeat	580/udp	SNTP HEARTBEAT
#		Louis Mamakos <louie@uu.net>
bdp	581/tcp	Bundle Discovery Protocol
bdp	581/udp	Bundle Discovery Protocol
#		Gary Malkin <gmalkin@xylogics.com>
scc-security	582/tcp	SCC Security
scc-security	582/udp	SCC Security
#		Prashant Dholakia <prashant@semaphorecom.com>
philips-vc	583/tcp	Philips Video-Conferencing
philips-vc	583/udp	Philips Video-Conferencing
#		Janna Chang <janna@pmc.philips.com>
keyserver	584/tcp	Key Server
keyserver	584/udp	Key Server
#		Gary Howland <gary@systemics.com>
imap4-ssl	585/tcp	IMAP4+SSL (use 993 instead)
imap4-ssl	585/udp	IMAP4+SSL (use 993 instead)
#		Terry Gray <gray@cac.washington.edu>
#	Use of 585	is not recommended, use 993 instead
password-chg	586/tcp	Password Change
password-chg	586/udp	Password Change
submission	587/tcp	Submission
submission	587/udp	Submission
#		Randy Gellens <randy@qualcomm.com>
cal	588/tcp	CAL
cal	588/udp	CAL
#		Myron Hattig <Myron_Hattig@ccm.jf.intel.com>
eyelink	589/tcp	EyeLink
eyelink	589/udp	EyeLink
#		Dave Stampe <dstampe@psych.toronto.edu>
tns-cml	590/tcp	TNS CML
tns-cml	590/udp	TNS CML
#		Jerome Albin <albin@taec.enet.dec.com>
http-alt	591/tcp	FileMaker, Inc. - HTTP Alternate (see Port 80)
http-alt	591/udp	FileMaker, Inc. - HTTP Alternate (see Port 80)
#		Clay Maeckel <clay_maeckel@filemaker.com>
eudora-set	592/tcp	Eudora Set
eudora-set	592/udp	Eudora Set
#		Randall Gellens <randy@qualcomm.com>
http-rpc-epmap	593/tcp	HTTP RPC Ep Map
http-rpc-epmap	593/udp	HTTP RPC Ep Map
#		Edward Reus <edwardr@microsoft.com>
tpip	594/tcp	TPIP
tpip	594/udp	TPIP
#		Brad Spear <spear@platinum.com>
cab-protocol	595/tcp	CAB Protocol
cab-protocol	595/udp	CAB Protocol
#		Winston Hetherington
smsd	596/tcp	SMSD
smsd	596/udp	SMSD
#		Wayne Barlow <web@unx.dec.com>
ptcnameservice	597/tcp	PTC Name Service
ptcnameservice	597/udp	PTC Name Service
#		Yuri Machkasov <yuri@ptc.com>
sco-websrvrmg3	598/tcp	SCO Web Server Manager 3
sco-websrvrmg3	598/udp	SCO Web Server Manager 3
#		Simon Baldwin <simonb@sco.com>
acp	599/tcp	Aeolon Core Protocol
acp	599/udp	Aeolon Core Protocol
#		Michael Alyn Miller <maly@aeolon.com>
ipcserver	600/tcp	Sun IPC server
ipcserver	600/udp	Sun IPC server
#		Bill Schiefelbein <schief@aspen.cray.com>

syslog-conn	601/tcp	Reliable Syslog Service
syslog-conn	601/udp	Reliable Syslog Service
#		RFC 3195
xmlrpc-beep	602/tcp	XML-RPC over BEEP
xmlrpc-beep	602/udp	XML-RPC over BEEP
#		RFC3529 <ftp://ftp.isi.edu/in-notes/rfc3529.txt> March 2003
idxp	603/tcp	IDXP
idxp	603/udp	IDXP
#		RFC-ietf-idwg-beep-idxp-07.txt
tunnel	604/tcp	TUNNEL
tunnel	604/udp	TUNNEL
#		RFC3620
soap-beep	605/tcp	SOAP over BEEP
soap-beep	605/udp	SOAP over BEEP
#		RFC3288 <ftp://ftp.isi.edu/in-notes/rfc3288.txt> April 2002
urm	606/tcp	Cray Unified Resource Manager
urm	606/udp	Cray Unified Resource Manager
nqs	607/tcp	nqs
nqs	607/udp	nqs
#		Bill Schiefelbein <schief@aspen.cray.com>
sift-uft	608/tcp	Sender-Initiated/Unsolicited File Transfer
sift-uft	608/udp	Sender-Initiated/Unsolicited File Transfer
#		Rick Troth <troth@rice.edu>
npmp-trap	609/tcp	npmp-trap
npmp-trap	609/udp	npmp-trap
npmp-local	610/tcp	npmp-local
npmp-local	610/udp	npmp-local
npmp-gui	611/tcp	npmp-gui
npmp-gui	611/udp	npmp-gui
#		John Barnes <jbarnes@crl.com>
hmmp-ind	612/tcp	HMMP Indication
hmmp-ind	612/udp	HMMP Indication
hmmp-op	613/tcp	HMMP Operation
hmmp-op	613/udp	HMMP Operation
#		Andrew Sinclair <andrsin@microsoft.com>
sshell	614/tcp	SSLshell
sshell	614/udp	SSLshell
#		Simon J. Gerraty <sjg@quick.com.au>
sco-inetmgr	615/tcp	Internet Configuration Manager
sco-inetmgr	615/udp	Internet Configuration Manager
sco-sysmgr	616/tcp	SCO System Administration Server
sco-sysmgr	616/udp	SCO System Administration Server
sco-dtmgr	617/tcp	SCO Desktop Administration Server
sco-dtmgr	617/udp	SCO Desktop Administration Server
#		Christopher Durham <chrisdu@sco.com>
dei-icda	618/tcp	DEI-ICDA
dei-icda	618/udp	DEI-ICDA
#		David Turner <digital@Quetico.tbaytel.net>
compaq-evm	619/tcp	Compaq EVM
compaq-evm	619/udp	Compaq EVM
#		Jem Treadwell <Jem.Treadwell@compaq.com>
sco-websrvrmgr	620/tcp	SCO WebServer Manager
sco-websrvrmgr	620/udp	SCO WebServer Manager
#		Christopher Durham <chrisdu@sco.com>
escp-ip	621/tcp	ESCP
escp-ip	621/udp	ESCP
#		Lai Zit Seng <lzs@pobox.com>
collaborator	622/tcp	Collaborator
collaborator	622/udp	Collaborator
#		Johnson Davis <johnsond@opteamasoft.com>
asf-rmcp	623/tcp	ASF Remote Management and Control Protocol
asf-rmcp	623/udp	ASF Remote Management and Control Protocol
#		Carl First <Carl.L.First@intel.com>
cryptoadmin	624/tcp	Crypto Admin
cryptoadmin	624/udp	Crypto Admin
#		Tony Walker <tony@cryptocard.com>
dec_dlm	625/tcp	DEC DLM
dec_dlm	625/udp	DEC DLM
#		Rudi Martin <Rudi.Martin@edo.mts.dec.com>
asia	626/tcp	ASIA
asia	626/udp	ASIA
#		Michael Dasenbrock <dasenbro@apple.com>
passgo-tivoli	627/tcp	PassGo Tivoli
passgo-tivoli	627/udp	PassGo Tivoli
#		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@cpl10.es.xerox.com>
bmpp	632/tcp	bmpp
bmpp	632/udp	bmpp
#		Troy Rollo <troy@kroll.corvu.com.au>
servstat	633/tcp	Service Status update (Sterling Software)
servstat	633/udp	Service Status update (Sterling Software)
#		Greg Rose <Greg_Rose@sydney.sterling.com>
ginad	634/tcp	ginad
ginad	634/udp	ginad
#		Mark Crother <mark@eis.calstate.edu>
rlzdbase	635/tcp	RLZ DBase
rlzdbase	635/udp	RLZ DBase
#		Michael Ginn <ginn@tyxar.com>
ldaps	636/tcp	ldap protocol over TLS/SSL (was sldap)
ldaps	636/udp	ldap protocol over TLS/SSL (was sldap)
#		Pat Richard <patr@xcert.com>
lanserver	637/tcp	lanserver
lanserver	637/udp	lanserver
#		Chris Larsson <clarsson@VNET.IBM.COM>
mcns-sec	638/tcp	mcns-sec
mcns-sec	638/udp	mcns-sec
#		Kaz Ozawa <k.ozawa@cablelabs.com>
msdp	639/tcp	MSDP
msdp	639/udp	MSDP
#		Dino Farinacci <dino@cisco.com>
entrust-sps	640/tcp	entrust-sps
entrust-sps	640/udp	entrust-sps
#		Marek Buchler <Marek.Buchler@entrust.com>
repcmd	641/tcp	repcmd
repcmd	641/udp	repcmd
#		Scott Dale <scott@Replicase.com>
esro-emsdp	642/tcp	ESRO-EMSDP V1.3
esro-emsdp	642/udp	ESRO-EMSDP V1.3
#		Mohsen Banan <mohsen@neda.com>
sanity	643/tcp	SANity
sanity	643/udp	SANity
#		Peter Viscarola <PeterGV@osr.com>
dwr	644/tcp	dwr
dwr	644/udp	dwr
#		Bill Fenner <fenner@parc.xerox.com>
pssc	645/tcp	PSSC
pssc	645/udp	PSSC
#		Egon Meier-Engelen <egon.meier-engelen@dlr.de>
ldp	646/tcp	LDP
ldp	646/udp	LDP
#		Bob Thomas <rhthomas@cisco.com>
dhcp-failover	647/tcp	DHCP Failover
dhcp-failover	647/udp	DHCP Failover
#		Bernard Volz <volz@cisco.com>
rrp	648/tcp	Registry Registrar Protocol (RRP)
rrp	648/udp	Registry Registrar Protocol (RRP)
#		Scott Hollenbeck <shollenb@netsol.com>
cadview-3d	649/tcp	Cadview-3d - streaming 3d models over the internet
cadview-3d	649/udp	Cadview-3d - streaming 3d models over the internet
#		David Cooper <david.cooper@oracle.com>
obex	650/tcp	OBEX
obex	650/udp	OBEX
#		Jeff Garbers <FJG030@email.mot.com>
ieee-mms	651/tcp	IEEE MMS
ieee-mms	651/udp	IEEE MMS
#		Curtis Anderson <canderson@turbolinux.com>
hello-port	652/tcp	HELLO_PORT
hello-port	652/udp	HELLO_PORT
#		Patrick Capiere <Patrick.Capiere@UDcast.com>
repscmd	653/tcp	RepCmd
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	Removed (2001-06-06)
mac-srvr-admin	660/tcp	MacOS Server Admin
mac-srvr-admin	660/udp	MacOS Server Admin
#		Forest Hill <forest@apple.com>
hap	661/tcp	HAP
hap	661/udp	HAP
#		Igor Plotnikov <igor@uroam.com>
pftp	662/tcp	PFTP
pftp	662/udp	PFTP
#		Ben Schluricke <support@pftp.de>
purenoise	663/tcp	PureNoise
purenoise	663/udp	PureNoise
#		Sam Osa <pristine@mailcity.com>
asf-secure-rmcp	664/tcp	ASF Secure Remote Management and Control Protocol
asf-secure-rmcp	664/udp	ASF Secure Remote Management and Control Protocol
#		Carl First <Carl.L.First@intel.com>
sun-dr	665/tcp	Sun DR
sun-dr	665/udp	Sun DR
#		Harinder Bhasin <Harinder.Bhasin@Sun.COM>
mdqs	666/tcp	
mdqs	666/udp	
doom	666/tcp	doom Id Software
doom	666/udp	doom Id Software
#		<ddt@idcube.idsoftware.com>
disclose	667/tcp	campaign contribution disclosures - SDR Technologies
disclose	667/udp	campaign contribution disclosures - SDR Technologies
#		Jim Dixon <jim@lambda.com>
mecomm	668/tcp	MeComm
mecomm	668/udp	MeComm
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@cesi.com>
acap	674/tcp	ACAP
acap	674/udp	ACAP
#		Chris Newman <chris.newman@sun.com>
dctp	675/tcp	DCTP
dctp	675/udp	DCTP
#		Andre Kramer <Andre.Kramer@ansa.co.uk>
vpps-via	676/tcp	VPPS Via
vpps-via	676/udp	VPPS Via
#		Ulysses G. Smith Jr. <ugsmith@cesi.com>
vpp	677/tcp	Virtual Presence Protocol
vpp	677/udp	Virtual Presence Protocol
#		Klaus Wolf <wolf@cobrow.com>
ggf-ncp	678/tcp	GNU Generation Foundation NCP
ggf-ncp	678/udp	GNU Generation Foundation NCP
#		Noah Paul <noahp@altavista.net>
mrm	679/tcp	MRM
mrm	679/udp	MRM
#		Liming Wei <lwei@cisco.com>
entrust-aaas	680/tcp	entrust-aaas
entrust-aaas	680/udp	entrust-aaas
entrust-aams	681/tcp	entrust-aams
entrust-aams	681/udp	entrust-aams
#		Adrian Mancini <adrian.mancini@entrust.com>
xfr	682/tcp	XFR
xfr	682/udp	XFR

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#          Noah Paul <noahp@ultranet.com>
corba-iiop      683/tcp      CORBA IIOP
corba-iiop      683/udp      CORBA IIOP
corba-iiop-ssl  684/tcp      CORBA IIOP SSL
corba-iiop-ssl  684/udp      CORBA IIOP SSL
#          Andrew Watson <andrew@omg.org>
mdc-portmapper  685/tcp      MDC Port Mapper
mdc-portmapper  685/udp      MDC Port Mapper
#          Noah Paul <noahp@altavista.net>
hcp-wismar      686/tcp      Hardware Control Protocol Wismar
hcp-wismar      686/udp      Hardware Control Protocol Wismar
#          David Merchant <d.f.merchant@livjm.ac.uk>
asipregistry    687/tcp      asipregistry
asipregistry    687/udp      asipregistry
#          Erik Sea <sea@apple.com>
realm-rusd      688/tcp      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 <james.falkner@sun.com>
olsr            698/tcp      OLSR
olsr            698/udp      OLSR
#          Thomas Clausen <thomas.clausen@inria.fr>
accessnetwork   699/tcp      Access Network
accessnetwork   699/udp      Access Network
#          Yingchun Xu <Yingchun_Xu@3com.com>
epp             700/tcp      Extensible Provisioning Protocol
epp             700/udp      Extensible Provisioning Protocol
#          RFC3734
lmp             701/tcp      Link Management Protocol (LMP)
lmp             701/udp      Link Management Protocol (LMP)
#          RFC-ietf-ccamp-lmp-10.txt
#          Unassigned
elcsd           704/tcp      errlog copy/server daemon
elcsd           704/udp      errlog copy/server daemon
agentx          705/tcp      AgentX
agentx          705/udp      AgentX
#          Bob Natale <bob.natale@appliedsnmp.com>
silc            706/tcp      SILC
silc            706/udp      SILC
#          Pekka Riikonen <priikone@poseidon.pspt.fi>
borland-dsj     707/tcp      Borland DSJ
borland-dsj     707/udp      Borland DSJ
#          Gerg Cole <gcole@corp.borland.com>
#          Unassigned
708
entrust-kmsh    709/tcp      Entrust Key Management Service Handler
entrust-kmsh    709/udp      Entrust Key Management Service Handler
entrust-ash     710/tcp      Entrust Administration Service Handler
entrust-ash     710/udp      Entrust Administration Service Handler
#          Peter Whittaker <pww@entrust.com>
cisco-tdp      711/tcp      Cisco TDP
cisco-tdp      711/udp      Cisco TDP
#          Bruce Davie <bsd@cisco.com>

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tbrpf	712/tcp	TBRPF
tbrpf	712/udp	TBRPF
#		RFC3684
#	713-728	Unassigned
netviewdm1	729/tcp	IBM NetView DM/6000 Server/Client
netviewdm1	729/udp	IBM NetView DM/6000 Server/Client
netviewdm2	730/tcp	IBM NetView DM/6000 send/tcp
netviewdm2	730/udp	IBM NetView DM/6000 send/tcp
netviewdm3	731/tcp	IBM NetView DM/6000 receive/tcp
netviewdm3	731/udp	IBM NetView DM/6000 receive/tcp
#		Philippe Binet (phbinet@vnet.IBM.COM)
#	732-740	Unassigned
netgw	741/tcp	netGW
netgw	741/udp	netGW
#		Oliver Korfmacher (okorf@netcs.com)
netrcs	742/tcp	Network based Rev. Cont. Sys.
netrcs	742/udp	Network based Rev. Cont. Sys.
#		Gordon C. Galligher <gorpong@ping.chi.il.us>
#	743	Unassigned
flexlm	744/tcp	Flexible License Manager
flexlm	744/udp	Flexible License Manager
#		Matt Christiano
#		<globes@matt@oliveb.atc.olivetti.com>
#	745-746	Unassigned
fujitsu-dev	747/tcp	Fujitsu Device Control
fujitsu-dev	747/udp	Fujitsu Device Control
ris-cm	748/tcp	Russell Info Sci Calendar Manager
ris-cm	748/udp	Russell Info Sci Calendar Manager
kerberos-adm	749/tcp	kerberos administration
kerberos-adm	749/udp	kerberos administration
rfile	750/tcp	
loadav	750/udp	
kerberos-iv	750/udp	kerberos version iv
#		Martin Hamilton <martin@mrrl.lut.as.uk>
pump	751/tcp	
pump	751/udp	
qrh	752/tcp	
qrh	752/udp	
rrh	753/tcp	
rrh	753/udp	
tell	754/tcp	send
tell	754/udp	send
#		Josyula R. Rao <jrrao@watson.ibm.com>
#	755-756	Unassigned
nlogin	758/tcp	
nlogin	758/udp	
con	759/tcp	
con	759/udp	
ns	760/tcp	
ns	760/udp	
rxex	761/tcp	
rxex	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
vid	769/tcp	
vid	769/udp	
cadlock	770/tcp	
cadlock	770/udp	
rtip	771/tcp	
rtip	771/udp	
cycleserv2	772/tcp	
cycleserv2	772/udp	
submit	773/tcp	
notify	773/udp	
rpasswd	774/tcp	
acmaint_dbd	774/udp	

entomb	775/tcp	
acmaint_transd	775/udp	
wpages	776/tcp	
wpages	776/udp	
#		Josyula R. Rao <jrrao@watson.ibm.com>
multiling-http	777/tcp	Multiling HTTP
multiling-http	777/udp	Multiling HTTP
#		Alejandro Bonet <babel@ctv.es>
#	778-779	Unassigned
wpgs	780/tcp	
wpgs	780/udp	
#		Josyula R. Rao <jrrao@watson.ibm.com>
#	781-785	Unassigned
#	786	Unassigned (Removed 2002-05-08)
#	787	Unassigned (Removed 2002-10-08)
#	788-799	Unassigned
mdbs_daemon	800/tcp	
mdbs_daemon	800/udp	
device	801/tcp	
device	801/udp	
#	802-809	Unassigned
fcp-udp	810/tcp	FCP
fcp-udp	810/udp	FCP Datagram
#		Paul Whittimore <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@cisco.com>
gdoi	848/tcp	GDOI
gdoi	848/udp	GDOI
#		RFC-ietf-msec-gdoi-07.txt
#	849-859	Unassigned
iscsi	860/tcp	iSCSI
iscsi	860/udp	iSCSI
#		RFC3720
#	861-872	Unassigned
rsync	873/tcp	rsync
rsync	873/udp	rsync
#		Andrew Tridgell <tridge@samba.anu.edu.au>
#	874-885	Unassigned
iclnet-locate	886/tcp	ICL coNETion locate server
iclnet-locate	886/udp	ICL coNETion locate server
#		Bob Lyon <bl@oasis.icl.co.uk>
iclnet_svinfo	887/tcp	ICL coNETion server info
iclnet_svinfo	887/udp	ICL coNETion server info
#		Bob Lyon <bl@oasis.icl.co.uk>
accessbuilder	888/tcp	AccessBuilder
accessbuilder	888/udp	AccessBuilder
#		Steve Sweeney <Steven_Sweeney@3mail.3com.com>
# The following	entry records an unassigned but widespread use	
cddb	888/tcp	CD Database Protocol
#		Steve Scherf <steve@moonsoft.com>
#		
#	889-899	Unassigned
omginitialrefs	900/tcp	OMG Initial Refs
omginitialrefs	900/udp	OMG Initial Refs
#		Christian Callsen <Christian.Callsen@eng.sun.com>
smpnameres	901/tcp	SMPNAMERES
smpnameres	901/udp	SMPNAMERES
#		Leif Ekblad <leif@rdos.net>
ideafarm-chat	902/tcp	IDEAFARM-CHAT
ideafarm-chat	902/udp	IDEAFARM-CHAT
ideafarm-catch	903/tcp	IDEAFARM-CATCH
ideafarm-catch	903/udp	IDEAFARM-CATCH
#		Wo'o Ideafarm <l@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

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apex-edge      913/tcp      APEX endpoint-relay service
apex-edge      913/udp      APEX endpoint-relay service
#
#             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
#
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>
#             Reserved
#             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	

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cap          1026/tcp    Calender Access Protocol
cap          1026/udp    Calender Access Protocol
#           Doug Royer <Doug@Royer.com> June 2002
exosee      1027/tcp    ExoSee
exosee      1027/udp    ExoSee
#           Chagdali Ismail <chagdali@free.fr> June 2003
#           1028      Deprecated February 2004
#           1029      Unassigned
iad1        1030/tcp    BBN IAD
iad1        1030/udp    BBN IAD
iad2        1031/tcp    BBN IAD
iad2        1031/udp    BBN IAD
iad3        1032/tcp    BBN IAD
iad3        1032/udp    BBN IAD
#           Andy Malis <malis_a@timeplex.com>
netinfo-local 1033/tcp    local netinfo port
netinfo-local 1033/udp    local netinfo port
#           Marc Majka <majka@apple.com> August 2002
activesync  1034/tcp    ActiveSync Notifications
activesync  1034/udp    ActiveSync Notifications
#           Sandra Vargas <Sandrama@microsoft.com> March 2003
mxxrlogin  1035/tcp    MX-XR RPC
mxxrlogin  1035/udp    MX-XR RPC
#           Arnold E. Mauer <amauer@vrms.com> April 2003
nsstp      1036/tcp    Nebula Secure Segment Transfer Protocol
nsstp      1036/udp    Nebula Secure Segment Transfer Protocol
#           Steve Ravida <steve.ravida@nebulaholdings.com>
ams        1037/tcp    AMS
ams        1037/udp    AMS
#           Ronald R. Ohmer <rohmer@aisconsulting.net> October 2003 / February
#           1038-1039 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@optimatele.com>
ddt        1052/tcp    Dynamic DNS Tools
ddt        1052/udp    Dynamic DNS Tools
#           Remi Lefebvre <remi@debian.org>
remote-as  1053/tcp    Remote Assistant (RA)
remote-as  1053/udp    Remote Assistant (RA)
#           Roman Kriis <roman@previo.ee>
brvread    1054/tcp    BRVREAD
brvread    1054/udp    BRVREAD
#           A. Boninn <aboninn@hotmail.com>
ansyslmd   1055/tcp    ANSYS - License Manager
ansyslmd   1055/udp    ANSYS - License Manager
#           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

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# Masakuni Okada <masakuni@jp.ibm.com>
kiosk 1061/tcp KIOSK
kiosk 1061/udp KIOSK
# Ken Ksiazek <kksiazek@maytag.com>
veracity 1062/tcp Veracity
veracity 1062/udp Veracity
# Ross Williams <ross@rocksoft.com>
kyoceranetdev 1063/tcp KyoceraNetDev
kyoceranetdev 1063/udp KyoceraNetDev
# Shigenaka Kanemitsu
# <Shigenaka_Kanemitsu@ypd.kyocera.co.jp>
jstel 1064/tcp JSTEL
jstel 1064/udp JSTEL
# Duane Kiser <dkiser@jsexpress.com>
syscomlan 1065/tcp SYSCOMLAN
syscomlan 1065/udp SYSCOMLAN
# Urs Ryf <urs.ryf@selectron.ch>
fpo-fns 1066/tcp FPO-FNS
fpo-fns 1066/udp FPO-FNS
# Jens Klose <jkllose@intercope.com>
instl_boots 1067/tcp Installation Bootstrap Proto. Serv.
instl_boots 1067/udp Installation Bootstrap Proto. Serv.
instl_bootc 1068/tcp Installation Bootstrap Proto. Cli.
instl_bootc 1068/udp Installation Bootstrap Proto. Cli.
# David Arko <darko@hpfcfn.fc.hp.com>
cognex-insight 1069/tcp COGNEX-INSIGHT
cognex-insight 1069/udp COGNEX-INSIGHT
# Steve Olson <solson@cognex.com>
gmrupdateserv 1070/tcp GMRUpdateSERV
gmrupdateserv 1070/udp GMRUpdateSERV
# Steve Kellogg <stevekellogg@mezzogmr.com>
bsquare-voip 1071/tcp BSQUARE-VOIP
bsquare-voip 1071/udp BSQUARE-VOIP
# Yen Lee <YenL@bsquare.com>
cardax 1072/tcp CARDAX
cardax 1072/udp CARDAX
# Charles Oram <charleso@cardax.com>
bridgecontrol 1073/tcp Bridge Control
bridgecontrol 1073/udp Bridge Control
# Andy Heron <btexact.ports@bt.com>
fasttechnologlm 1074/tcp FASTTechnologies License Manager
fasttechnologlm 1074/udp FASTTechnologies License Manager
# Robert C. Henningsgard
# <rhenn@fasttechnologies.com>
rdmshc 1075/tcp RDRMSHC
rdmshc 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 <worldldab_irc@worldldab.org>
imgames 1077/tcp IMGames
imgames 1077/udp IMGames
# Jean A. Ames <enr-admin@flipside.com>
avocent-proxy 1078/tcp Avocent Proxy Protocol
avocent-proxy 1078/udp Avocent Proxy Protocol
# Steven W. Clark <steven.clark@avocent.com>
asprovatalk 1079/tcp ASPROVATalk
asprovatalk 1079/udp ASPROVATalk
# Chiew Farn Chung <cfchung@asprova.com>
socks 1080/tcp Socks
socks 1080/udp Socks
# Ying-Da Lee <yilee@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

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cplscrambler-in 1087/udp CPL Scrambler Internal
cplscrambler-al 1088/tcp CPL Scrambler Alarm Log
cplscrambler-al 1088/udp CPL Scrambler Alarm Log
# Richard Corn <rac@racc.com>
ff-annunc 1089/tcp FF Annunciation
ff-annunc 1089/udp FF Annunciation
ff-fms 1090/tcp FF Fieldbus Message Specification
ff-fms 1090/udp FF Fieldbus Message Specification
ff-sm 1091/tcp FF System Management
ff-sm 1091/udp FF System Management
# Fieldbus Foundation <dave.glanzer@fieldbus.org>
obrpd 1092/tcp Open Business Reporting Protocol
obrpd 1092/udp Open Business Reporting Protocol
# William Randolph Royere III
# <william@royere.net>
proofd 1093/tcp PROOFD
proofd 1093/udp PROOFD
rootd 1094/tcp ROOTD
rootd 1094/udp ROOTD
# Fons Rademakers <Fons.Rademakers@cern.ch>
nicelink 1095/tcp NICELink
nicelink 1095/udp NICELink
# Jordi Lisbona <jlisbona@tango04.net>
cnrprotocol 1096/tcp Common Name Resolution Protocol
cnrprotocol 1096/udp Common Name Resolution Protocol
# Michael Mealling <michaelm@netsol.com>
sunclustermgr 1097/tcp Sun Cluster Manager
sunclustermgr 1097/udp Sun Cluster Manager
# Ashit Patel <Ashit.Patel@eng.Sun.COM>
rmiactivation 1098/tcp RMI Activation
rmiactivation 1098/udp RMI Activation
rmiregistry 1099/tcp RMI Registry
rmiregistry 1099/udp RMI Registry
# Mark Hodapp <mark.hodapp@sun.com>
mctp 1100/tcp MCTP
mctp 1100/udp MCTP
# Vitaly Revsin <vitaly@webmanage.com>
pt2-discover 1101/tcp PT2-DISCOVER
pt2-discover 1101/udp PT2-DISCOVER
# Ralph Kammerlander
# <ralph.kammerlander@khe.siemens.de>
adobeserver-1 1102/tcp ADOBE SERVER 1
adobeserver-1 1102/udp ADOBE SERVER 1
adobeserver-2 1103/tcp ADOBE SERVER 2
adobeserver-2 1103/udp ADOBE SERVER 2
# Frank Soetebeer <frsoeteb@adobe.com>
xrl 1104/tcp XRL
xrl 1104/udp XRL
# Patrick Robinson <probinson@plosive.com>
ftranhc 1105/tcp FTRANHC
ftranhc 1105/udp FTRANHC
# Eriko Shimada <eriko@kel.fujitsu.co.jp>
isoipsigport-1 1106/tcp ISOIPSIGPORT-1
isoipsigport-1 1106/udp ISOIPSIGPORT-1
isoipsigport-2 1107/tcp ISOIPSIGPORT-2
isoipsigport-2 1107/udp ISOIPSIGPORT-2
# Peter Egli <peter.egli@inalp.com>
ratio-adp 1108/tcp ratio-adp
ratio-adp 1108/udp ratio-adp
# Oliver Thulke <oth@ratio.de>
# 1109 Reserved - IANA
nfsd-status 1110/tcp Cluster status info
nfsd-keepalive 1110/udp Client status info
# Edgar Circenis <ec@hpfclj.fc.hp.com>
lmsocialserver 1111/tcp LM Social Server
lmsocialserver 1111/udp LM Social Server
# Ron Lussier <coyote@likeminds.com>
icp 1112/tcp Intelligent Communication Protocol
icp 1112/udp Intelligent Communication Protocol
# Mark H. David <mhd@gensym.com>
# 1113 Unassigned
mini-sql 1114/tcp Mini SQL
mini-sql 1114/udp Mini SQL
# David Hughes <bambi@Hughes.com.au>
ardus-trns 1115/tcp ARDUS Transfer
ardus-trns 1115/udp ARDUS Transfer
ardus-cntl 1116/tcp ARDUS Control
ardus-cntl 1116/udp ARDUS Control

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ardus-mtrns	1117/tcp	ARDUS Multicast Transfer
ardus-mtrns	1117/udp	ARDUS Multicast Transfer
#		Shinya Abe <abeabe@pfu.co.jp>
sacred	1118/tcp	SACRED
sacred	1118/udp	SACRED
#		RFC-ietf-sacred-protocol-bss-09.txt
#	1119-1120	Unassigned
rmpp	1121/tcp	Datalode RMPP
rmpp	1121/udp	Datalode RMPP
#		Dave Ruedger <daver@datalode.com> November 2003
availant-mgr	1122/tcp	availant-mgr
availant-mgr	1122/udp	availant-mgr
#		Steven Pelletier <stevep@Availant.com>
murray	1123/tcp	Murray
murray	1123/udp	Murray
#		Stu Mark <fordii@j51.com>
#	1124-1154	Unassigned
nfa	1155/tcp	Network File Access
nfa	1155/udp	Network File Access
#		James Powell <james@mailhost.unidata.com>
#	1156-1160	Unassigned
health-polling	1161/tcp	Health Polling
health-polling	1161/udp	Health Polling
health-trap	1162/tcp	Health Trap
health-trap	1162/udp	Health Trap
#	1163-1167	Unassigned
vchat	1168/tcp	VChat Conference Service
vchat	1168/udp	VChat Conference Service
#		Andreas Wetzel <mickey@enforcer.cc> September 2002
tripwire	1169/tcp	TRIPWIRE
tripwire	1169/udp	TRIPWIRE
#		Ed Metcalf <emetcalf@tripwiresecurity.com>
#		Albert Holt <alberth@triosoftware.com>
atc-lm	1170/tcp	AT+C License Manager
atc-lm	1170/udp	AT+C License Manager
#		Peter Schäfer <p.schaefer@atc-systeme.de> February 2004
atc-appserver	1171/tcp	AT+C FmiApplicationServer
atc-appserver	1171/udp	AT+C FmiApplicationServer
#		Peter Schäfer <p.schaefer@atc-systeme.de> February 2004
#	1172-1179	Unassigned
mc-client	1180/tcp	Millicent Client Proxy
mc-client	1180/udp	Millicent Client Proxy
#		Steve Glassman <steveg@pa.dec.com>
#	1181-1182	Unassigned
llsurfup-http	1183/tcp	LL Surfup HTTP
llsurfup-http	1183/udp	LL Surfup HTTP
llsurfup-https	1184/tcp	LL Surfup HTTPS
llsurfup-https	1184/udp	LL Surfup HTTPS
#		Katy Lynn McCullough <KatyM@LapLink.com>
catchpole	1185/tcp	Catchpole port
catchpole	1185/udp	Catchpole port
#		Christian Catchpole <christian@catchpole.net> March 2002
#	1186-1187	Unassigned
hp-webadmin	1188/tcp	HP Web Admin
hp-webadmin	1188/udp	HP Web Admin
#		Lance Kind <lance_kind@hp.com>
#	1189-1198	Unassigned
dmidi	1199/tcp	DMIDI
dmidi	1199/udp	DMIDI
#		Phil Kerr <phil@plus24.com> February 2002
scol	1200/tcp	SCOL
scol	1200/udp	SCOL
#		Cryo-Networks <p.favre@cryo-networks.fr>
nucleus-sand	1201/tcp	Nucleus Sand
nucleus-sand	1201/udp	Nucleus Sand
#		James Marsh <James.Marsh@sandtechnology.com>
caiccipc	1202/tcp	caiccipc
caiccipc	1202/udp	caiccipc
#		Vince Re <Vincent.Re@cai.com>
ssslic-mgr	1203/tcp	License Validation
ssslic-mgr	1203/udp	License Validation
ssslog-mgr	1204/tcp	Log Request Listener
ssslog-mgr	1204/udp	Log Request Listener
#		Eric Bruno <ebruno@solution-soft.com>
accord-mgc	1205/tcp	Accord-MGC
accord-mgc	1205/udp	Accord-MGC
#		Roni Even <roni_e@accord.co.il>
anthony-data	1206/tcp	Anthony Data

anthony-data	1206/udp	Anthony Data
#		Paul Dollemore <pauld@anthonydata.com>
metasage	1207/tcp	MetaSage
metasage	1207/udp	MetaSage
#		Peter Anvelt <panvelt@xnai.com>
seagull-ais	1208/tcp	SEAGULL AIS
seagull-ais	1208/udp	SEAGULL AIS
#		Lee Breisacher <lbreisacher@seagullsw.com>
ipcd3	1209/tcp	IPCD3
ipcd3	1209/udp	IPCD3
#		Mark Ciskey <mlciskey@plato.com>
eoss	1210/tcp	EOSS
eoss	1210/udp	EOSS
#		Robert Armes <rarmes@axarte.com>
groove-dpp	1211/tcp	Groove DPP
groove-dpp	1211/udp	Groove DPP
#		Ken Moore <kmoore@groove.net>
lupa	1212/tcp	lupa
lupa	1212/udp	lupa
#		Barney Wolff <barney@databus.com>
mpc-lifenet	1213/tcp	MPC LIFENET
mpc-lifenet	1213/udp	MPC LIFENET
#		Ward Silver <hwardsil@wolfenet.com>
kazaa	1214/tcp	KAZAA
kazaa	1214/udp	KAZAA
#		Ahti Heinla <ahti@ahti.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
#		Jean-Louis Barbut <etebac5@gsit.fr>
hpss-ndapi	1217/tcp	HPSS-NDAPI
hpss-ndapi	1217/udp	HPSS-NDAPI
#		Michael Gleicher <mkg@san.rr.com>
aeroflight-ads	1218/tcp	AeroFlight-ADS
aeroflight-ads	1218/udp	AeroFlight-ADS
aeroflight-ret	1219/tcp	AeroFlight-Ret
aeroflight-ret	1219/udp	AeroFlight-Ret
#		Eric Johnson <eric@gruver.net>
qt-serveradmin	1220/tcp	QT SERVER ADMIN
qt-serveradmin	1220/udp	QT SERVER ADMIN
#		Chris LeCroy <lecroy@apple.com>
sweetware-apps	1221/tcp	SweetWARE Apps
sweetware-apps	1221/udp	SweetWARE Apps
#		David Dunetz <david@sweetware.com>
nerv	1222/tcp	SNI R&D network
nerv	1222/udp	SNI R&D network
#		Martin Freiss <freiss.pad@sni.de>
tgp	1223/tcp	TGP
tgp	1223/udp	TGP
#		Gur Kimchi <gur@mail.trulyglobal.com>
vpnz	1224/tcp	VPNz
vpnz	1224/udp	VPNz
#		Tom Strack <TSTRACK@Advnw.com>
slinkysearch	1225/tcp	SLINKYSEARCH
slinkysearch	1225/udp	SLINKYSEARCH
#		Desmond Chan <deschan@prismedia.com>
stgxfws	1226/tcp	STGXFWS
stgxfws	1226/udp	STGXFWS
#		Tetsuya Shioda <tetsuya@saint.nm.fujitsu.co.jp>
dns2go	1227/tcp	DNS2Go
dns2go	1227/udp	DNS2Go
#		Mark Richards <mark.richards@deerfield.com>
florence	1228/tcp	FLORENCE
florence	1228/udp	FLORENCE
#		Brian Trammell <btrammell@iventurelab.com>
novell-zfs	1229/tcp	Novell ZFS
novell-zfs	1229/udp	Novell ZFS
#		Ty Ellis <tellis@novell.com>
periscope	1230/tcp	Periscope
periscope	1230/udp	Periscope
#		Kevin Madden <Kevin@emailxtras.com>
menandmice-lpm	1231/tcp	menandmice-lpm
menandmice-lpm	1231/udp	menandmice-lpm
#		Sigfus Magnusson <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>
mosaicssvsvcl	1235/tcp	mosaicssvsvcl
mosaicssvsvcl	1235/udp	mosaicssvsvcl
#		Brian Matthews <bmatthews@mosaicssystems.com>
bvcontrol	1236/tcp	bvcontrol
bvcontrol	1236/udp	bvcontrol
#		Daniel J Walsh <dwalsh@bindview.com>
tsdos390	1237/tcp	tsdos390
tsdos390	1237/udp	tsdos390
#		Ben Pracht <ben.pracht@tivoli.com>
hacl-qs	1238/tcp	hacl-qs
hacl-qs	1238/udp	hacl-qs
#		Farid Faez <farid_faez@hp.com>
nmsd	1239/tcp	NMSD
nmsd	1239/udp	NMSD
#		Yuri Machkasov <yuri@ptc.com>
instantia	1240/tcp	Instantia
instantia	1240/udp	Instantia
#		Ruth Slater <ruth.slater@ideagen.co.uk>
nessus	1241/tcp	nessus
nessus	1241/udp	nessus
#		Jordan Hrycaj <jordan@mjh.teddy-net.com>
nmasoverip	1242/tcp	NMAS over IP
nmasoverip	1242/udp	NMAS over IP
#		Hal Henderson <hhenders@novell.com>
serialgateway	1243/tcp	SerialGateway
serialgateway	1243/udp	SerialGateway
#		Stephen LaValley <lavalley@lucent.com>
isbconferencel	1244/tcp	isbconferencel
isbconferencel	1244/udp	isbconferencel
isbconference2	1245/tcp	isbconference2
isbconference2	1245/udp	isbconference2
#		Arnold Dittmann <dittmann@isbcad.de>
payrouter	1246/tcp	payrouter
payrouter	1246/udp	payrouter
#		David Wilson <dwilson@integral-ie.com>
visionpyramid	1247/tcp	VisionPyramid
visionpyramid	1247/udp	VisionPyramid
#		Gavin Hutchinson <gavinh@visionlogistics.com>
hermes	1248/tcp	hermes
hermes	1248/udp	hermes
#		Not known
mesavistaco	1249/tcp	Mesa Vista Co
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	DSSIAPI
dssiapi	1265/udp	DSSIAPI
#		Steve Sando <steve.sando@diversifiedsoftware.com>
dellpwrappks	1266/tcp	DELLPWRAPPKS
dellpwrappks	1266/udp	DELLPWRAPPKS
#		David Troeger <David_Troeger@dell.com>
epc	1267/tcp	eTrust Policy Compliance
epc	1267/udp	eTrust Policy Compliance
#		Aaron Stein <aaron.stein@ca.com>
propel-msgsys	1268/tcp	PROPEL-MSGSYS
propel-msgsys	1268/udp	PROPEL-MSGSYS
#		Bert Van der Linden <bert@propel.com>
watilapp	1269/tcp	WATiLaPP
watilapp	1269/udp	WATiLaPP
#		Frederic Weymann <Fizzban@swcombine.com>
opsmgr	1270/tcp	Microsoft Operations Manager
opsmgr	1270/udp	Microsoft Operations Manager
#		Ashvin Sanghvi <AshvinS@microsoft.com>
excw	1271/tcp	eXcW
excw	1271/udp	eXcW
#		Norm Freedman <normfree@san.rr.com>
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@barth.dk>
productinfo	1283/tcp	ProductInfo
productinfo	1283/udp	ProductInfo
iee-qfx	1284/tcp	IEE-QFX
iee-qfx	1284/udp	IEE-QFX
#		Kevin D. Quitt <KQuitt@IEEInc.com>
neoiface	1285/tcp	neoiface
neoiface	1285/udp	neoiface
#		Jason McManus <jasonm@neoinformatics.com>
netuitive	1286/tcp	netuitive
netuitive	1286/udp	netuitive
#		JF Huard <jfhuard@netuitive.com>
#	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@seagullsw.com>
dsdn 1292/tcp dsdn
dsdn 1292/udp dsdn
# Stanislaw Skowronek <thesis@elementary.pl>
pkt-krb-ipsec 1293/tcp PKT-KRB-IPSec
pkt-krb-ipsec 1293/udp PKT-KRB-IPSec
# Nancy Davoust <n.davoust@cablelabs.com>
cmmdriver 1294/tcp CMMdriver
cmmdriver 1294/udp CMMdriver
# Lutz Karras <karras@zeiss.de>
ehtp 1295/tcp End-by-Hop Transmission Protocol
ehtp 1295/udp End-by-Hop Transmission Protocol
# Alexander Bogdanov <alexandr_bgd@softhome.net>
dproxy 1296/tcp dproxy
dproxy 1296/udp dproxy
sdproxy 1297/tcp sdproxy
sdproxy 1297/udp sdproxy
# Raimond Diederik <rdiederik@descartes.com>
lpcp 1298/tcp lpcp
lpcp 1298/udp lpcp
# Christian Stredicke <stredicke@snom.de>
hp-sci 1299/tcp hp-sci
hp-sci 1299/udp hp-sci
# Kim Scott <kims@cup.hp.com>
h323hostcallsc 1300/tcp H323 Host Call Secure
h323hostcallsc 1300/udp H323 Host Call Secure
# Jim Toga <jtoga@ideal.jf.intel.com>
ci3-software-1 1301/tcp CI3-Software-1
ci3-software-1 1301/udp CI3-Software-1
ci3-software-2 1302/tcp CI3-Software-2
ci3-software-2 1302/udp CI3-Software-2
# Kelli Watson <kwatson@ci3software.com>
sftsrv 1303/tcp sftsrv
sftsrv 1303/udp sftsrv
# Robert Frazier <BobF@mrp3.com>
boomerang 1304/tcp Boomerang
boomerang 1304/udp Boomerang
# Bruce Lueckenhoff <brucelu@cisco.com>
pe-mike 1305/tcp pe-mike
pe-mike 1305/udp pe-mike
# Stephen Hemminger <shemminger@passedge.com>
re-conn-PROTO 1306/tcp RE-Conn-Proto
re-conn-PROTO 1306/udp RE-Conn-Proto
# Sandeep Singhal <sandeep@reefedge.com>
pacmand 1307/tcp Pacmand
pacmand 1307/udp Pacmand
# Edward T. O'Shea <oshea@bellsouth.net>
odsi 1308/tcp Optical Domain Service Interconnect (ODSI)
odsi 1308/udp Optical Domain Service Interconnect (ODSI)
# K. Arvind <arvind@tenornetworks.com>
jtag-server 1309/tcp JTAG server
jtag-server 1309/udp JTAG server
# Andrew Draper <adraper@altera.com>
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 Photocrypt Distributed Printing System
pdps 1314/udp Photocrypt Distributed Printing System
# Les Klein <sgy@cix.compulink.co.uk>
els 1315/tcp E.L.S., Event Listener Service
els 1315/udp E.L.S., Event Listener Service
# Jim Cleppe <clep13@cfer.com>

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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 Pirootta <tonio@tpis.com.au>
writesrv	1334/tcp	writesrv
writesrv	1334/udp	writesrv
#		Marvin Toungate <toungate@austin.ibm.com>
digital-notary	1335/tcp	Digital Notary Protocol
digital-notary	1335/udp	Digital Notary Protocol
#		Wes Doonan
ischat	1336/tcp	Instant Service Chat
ischat	1336/udp	Instant Service Chat
#		Mike Clise <mikec@instant-service.com>
menandmice-dns	1337/tcp	menandmice DNS
menandmice-dns	1337/udp	menandmice DNS
#		Sigfus Magnusson <sigfus@menandmice.com>
wmc-log-svc	1338/tcp	WMC-log-svr
wmc-log-svc	1338/udp	WMC-log-svr
#		Scott Anderson <sanderso@workingmachines.com>
kjtsiteserver	1339/tcp	kjtsiteserver
kjtsiteserver	1339/udp	kjtsiteserver
#		Jason Aubain <jaubain@kjt.com>
naap	1340/tcp	NAAP
naap	1340/udp	NAAP
#		Henry Haverinen <henry.haverinen@nokia.com>
qubes	1341/tcp	QuBES
qubes	1341/udp	QuBES
#		Eric Grange <egrange@creative-it.net>

esbroker	1342/tcp	ESBroker
esbroker	1342/udp	ESBroker
#		Alexander Medvinsky <smedvinsky@gi.com>
rel01	1343/tcp	rel01
rel01	1343/udp	rel01
#		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>
XSIP-network	1354/tcp	Five Across XSIP Network
XSIP-network	1354/udp	Five Across XSIP Network
#		Glenn Reid <port-reg@fiveacross.com>
intuitive-edge	1355/tcp	Intuitive Edge
intuitive-edge	1355/udp	Intuitive Edge
#		Montgomery Zukowski
#		<monty@nextnorth.acs.ohio-state.edu>
cuillamartin	1356/tcp	CuillaMartin Company
cuillamartin	1356/udp	CuillaMartin Company
pegboard	1357/tcp	Electronic PegBoard
pegboard	1357/udp	Electronic PegBoard
#		Chris Cuilla
#		<balr!vpnet!cuilla!chris@clout.chi.il.us>
connlcli	1358/tcp	CONNLCI
connlcli	1358/udp	CONNLCI
ftsrv	1359/tcp	FTSRV
ftsrv	1359/udp	FTSRV
#		Ines Homem de Melo <sidinf@brfapesp.bitnet>
mimer	1360/tcp	MIMER
mimer	1360/udp	MIMER
#		Per Schroeder <Per.Schroeder@mimer.se>
linx	1361/tcp	LinX
linx	1361/udp	LinX
#		Steffen Schilke <---none--->
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.rioh.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 <jvlcek@veeco.com>
bytex	1375/tcp	Bytex
bytex	1375/udp	Bytex
#		Mary Ann Burt <bytex!ws054!maryann@uunet.UU.NET>
ibm-pps	1376/tcp	IBM Person to Person Software
ibm-pps	1376/udp	IBM Person to Person Software
#		Simon Phipps <sphipp@vnet.ibm.com>
cichlid	1377/tcp	Cichlid License Manager
cichlid	1377/udp	Cichlid License Manager
#		Andy Burgess <aab@cichlid.com>
elan	1378/tcp	Elan License Manager
elan	1378/udp	Elan License Manager
#		Ken Greer <kg@elan.com>
dbreporter	1379/tcp	Integrity Solutions
dbreporter	1379/udp	Integrity Solutions
#		Tim Dawson <tdawson%mspboss@uunet.UU.NET>
telesis-licman	1380/tcp	Telesis Network License Manager
telesis-licman	1380/udp	Telesis Network License Manager
#		Karl Schendel, Jr. <wiz@telesis.com>
apple-licman	1381/tcp	Apple Network License Manager
apple-licman	1381/udp	Apple Network License Manager
#		Earl Wallace <earlw@apple.com>
udt_os	1382/tcp	udt_os
udt_os	1382/udp	udt_os
gwha	1383/tcp	GW Hannaway Network License Manager
gwha	1383/udp	GW Hannaway Network License Manager
#		J. Gabriel Foster <fop@gwha.com>
os-licman	1384/tcp	Objective Solutions License Manager
os-licman	1384/udp	Objective Solutions License Manager
#		Donald Cornwell <don.cornwell@objective.com>
atex_elmd	1385/tcp	Atex Publishing License Manager
atex_elmd	1385/udp	Atex Publishing License Manager
#		Brett Sorenson <bcs@atex.com>
checksum	1386/tcp	CheckSum License Manager
checksum	1386/udp	CheckSum License Manager
#		Andreas Glocker <glocker@sirius.com>
cadsi-lm	1387/tcp	Computer Aided Design Software Inc LM
cadsi-lm	1387/udp	Computer Aided Design Software Inc LM
#		Sulistio Muljadi <e-mail?>
objective-dbc	1388/tcp	Objective Solutions DataBase Cache
objective-dbc	1388/udp	Objective Solutions DataBase Cache
#		Donald Cornwell <e-mail?>
iclvp-dm	1389/tcp	Document Manager
iclvp-dm	1389/udp	Document Manager
iclvp-sc	1390/tcp	Storage Controller
iclvp-sc	1390/udp	Storage Controller
iclvp-sas	1391/tcp	Storage Access Server
iclvp-sas	1391/udp	Storage Access Server
iclvp-pm	1392/tcp	Print Manager
iclvp-pm	1392/udp	Print Manager
iclvp-nls	1393/tcp	Network Log Server
iclvp-nls	1393/udp	Network Log Server
iclvp-nlc	1394/tcp	Network Log Client
iclvp-nlc	1394/udp	Network Log Client
iclvp-wsm	1395/tcp	PC Workstation Manager software
iclvp-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 Hourli <Avshalom@ubique.com>

cadkey-licman	1399/tcp	Cadkey License Manager
cadkey-licman	1399/udp	Cadkey License Manager
cadkey-tablet	1400/tcp	Cadkey Tablet Daemon
cadkey-tablet	1400/udp	Cadkey Tablet Daemon
#		Joe McCollough <joe@cadkey.com>
goldleaf-licman	1401/tcp	Goldleaf License Manager
goldleaf-licman	1401/udp	Goldleaf License Manager
#		John Fox <---none--->
prm-sm-np	1402/tcp	Prospero Resource Manager
prm-sm-np	1402/udp	Prospero Resource Manager
prm-nm-np	1403/tcp	Prospero Resource Manager
prm-nm-np	1403/udp	Prospero Resource Manager
#		B. Clifford Neuman <bcn@isi.edu>
igi-lm	1404/tcp	Infinite Graphics License Manager
igi-lm	1404/udp	Infinite Graphics License Manager
ibm-res	1405/tcp	IBM Remote Execution Starter
ibm-res	1405/udp	IBM Remote Execution Starter
netlabs-lm	1406/tcp	NetLabs License Manager
netlabs-lm	1406/udp	NetLabs License Manager
dbsa-lm	1407/tcp	DBSA License Manager
dbsa-lm	1407/udp	DBSA License Manager
#		Scott Shattuck <ss@dbsa.com>
sophia-lm	1408/tcp	Sophia License Manager
sophia-lm	1408/udp	Sophia License Manager
#		Eric Brown <sst!emerald!eric@uunet.UU.net>
here-lm	1409/tcp	Here License Manager
here-lm	1409/udp	Here License Manager
#		David Ison <here@dialup.oar.net>
hiq	1410/tcp	HiQ License Manager
hiq	1410/udp	HiQ License Manager
#		Rick Pugh <rick@bilmillennium.com>
af	1411/tcp	AudioFile
af	1411/udp	AudioFile
#		Jim Gettys <jg@crl.dec.com>
innosys	1412/tcp	InnoSys
innosys	1412/udp	InnoSys
innosys-acl	1413/tcp	Innosys-ACL
innosys-acl	1413/udp	Innosys-ACL
#		Eric Welch <---none--->
ibm-mqseries	1414/tcp	IBM MQSeries
ibm-mqseries	1414/udp	IBM MQSeries
#		Roger Meli <rmmeli%winvmd@vnet.ibm.com>
dbstar	1415/tcp	DBStar
dbstar	1415/udp	DBStar
#		Jeffrey Millman <jcm@dbstar.com>
novell-lu6.2	1416/tcp	Novell LU6.2
novell-lu6.2	1416/udp	Novell LU6.2
#		Peter Liu <---none--->
timbuktu-srv1	1417/tcp	Timbuktu Service 1 Port
timbuktu-srv1	1417/udp	Timbuktu Service 1 Port
timbuktu-srv2	1418/tcp	Timbuktu Service 2 Port
timbuktu-srv2	1418/udp	Timbuktu Service 2 Port
timbuktu-srv3	1419/tcp	Timbuktu Service 3 Port
timbuktu-srv3	1419/udp	Timbuktu Service 3 Port
timbuktu-srv4	1420/tcp	Timbuktu Service 4 Port
timbuktu-srv4	1420/udp	Timbuktu Service 4 Port
#		Marc Epard <marc@netopia.com>
gandalf-lm	1421/tcp	Gandalf License Manager
gandalf-lm	1421/udp	Gandalf License Manager
#		gilmer@gandalf.ca
autodesk-lm	1422/tcp	Autodesk License Manager
autodesk-lm	1422/udp	Autodesk License Manager
#		David Ko <dko@autodesk.com>
essbase	1423/tcp	Essbase Arbor Software
essbase	1423/udp	Essbase Arbor Software
hybrid	1424/tcp	Hybrid Encryption Protocol
hybrid	1424/udp	Hybrid Encryption Protocol
#		Howard Hart <hch@hybrid.com>
zion-lm	1425/tcp	Zion Software License Manager
zion-lm	1425/udp	Zion Software License Manager
#		David Ferrero <david@zion.com>
sais	1426/tcp	Satellite-data Acquisition System 1
sais	1426/udp	Satellite-data Acquisition System 1
#		Bill Taylor <sais@ssec.wisc.edu>
mload	1427/tcp	mload monitoring tool
mload	1427/udp	mload 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 <ublueb!steve@uunet.uu.net>
ms-sql-s	1433/tcp	Microsoft-SQL-Server
ms-sql-s	1433/udp	Microsoft-SQL-Server
ms-sql-m	1434/tcp	Microsoft-SQL-Monitor
ms-sql-m	1434/udp	Microsoft-SQL-Monitor
#		Peter Hussey <peterhus@microsoft.com>
ibm-cics	1435/tcp	IBM CICS
ibm-cics	1435/udp	IBM CICS
#		Geoff Meacock <gbibmswl@ibmmail.COM>
saism	1436/tcp	Satellite-data Acquisition System 2
saism	1436/udp	Satellite-data Acquisition System 2
#		Bill Taylor <sais@ssec.wisc.edu>
tabula	1437/tcp	Tabula
tabula	1437/udp	Tabula
#		Marcelo Einhorn
#		<KGUNE%HUJIVM1.bitnet@taunivm.tau.ac.il>
eicon-server	1438/tcp	Eicon Security Agent/Server
eicon-server	1438/udp	Eicon Security Agent/Server
eicon-x25	1439/tcp	Eicon X25/SNA Gateway
eicon-x25	1439/udp	Eicon X25/SNA Gateway
eicon-slp	1440/tcp	Eicon Service Location Protocol
eicon-slp	1440/udp	Eicon Service Location Protocol
#		Pat Calhoun <CALHOUN@admin.eicon.qc.ca>
cadis-1	1441/tcp	Cadis License Management
cadis-1	1441/udp	Cadis License Management
cadis-2	1442/tcp	Cadis License Management
cadis-2	1442/udp	Cadis License Management
#		Todd Wichers <twichers@csn.org>
ies-lm	1443/tcp	Integrated Engineering Software
ies-lm	1443/udp	Integrated Engineering Software
#		David Tong <David_Tong@integrated.mb.ca>
marcam-lm	1444/tcp	Marcam License Management
marcam-lm	1444/udp	Marcam License Management
#		Therese Hunt <hunt@marcam.com>
proxima-lm	1445/tcp	Proxima License Manager
proxima-lm	1445/udp	Proxima License Manager
ora-lm	1446/tcp	Optical Research Associates License Manager
ora-lm	1446/udp	Optical Research Associates License Manager
apri-lm	1447/tcp	Applied Parallel Research LM
apri-lm	1447/udp	Applied Parallel Research LM
#		Jim Dillon <jed@apri.com>
oc-lm	1448/tcp	OpenConnect License Manager
oc-lm	1448/udp	OpenConnect License Manager
#		Sue Barnhill <snb@oc.com>
peport	1449/tcp	PEport
peport	1449/udp	PEport
#		Qentin Neill <quentin@ColumbiaSC.NCR.COM>
dwf	1450/tcp	Tandem Distributed Workbench Facility
dwf	1450/udp	Tandem Distributed Workbench Facility
#		Mike Bert <BERG_MIKE@tandem.com>
infoman	1451/tcp	IBM Information Management
infoman	1451/udp	IBM Information Management
#		Karen Burns <----none---->
gtegsc-lm	1452/tcp	GTE Government Systems License Man
gtegsc-lm	1452/udp	GTE Government Systems License Man
#		Mike Gregory <Gregory_Mike@msmail.iipo.gtegsc.com>
genie-lm	1453/tcp	Genie License Manager
genie-lm	1453/udp	Genie License Manager
#		Paul Applegate <p.applegate2@genie.geis.com>
interhdl_elmd	1454/tcp	interHDL License Manager
interhdl_elmd	1454/udp	interHDL License Manager
#		Eli Sternheim eli@interhdl.com
esl-lm	1455/tcp	ESL License Manager
esl-lm	1455/udp	ESL License Manager
#		Abel Chou <abel@willy.esl.com>



dca	1456/tcp	DCA
dca	1456/udp	DCA
#		Jeff Garbers <jgarbers@netcom.com>
valisys-lm	1457/tcp	Valisys License Manager
valisys-lm	1457/udp	Valisys License Manager
#		Leslie Lincoln <leslie_lincoln@valisys.com>
nrcabq-lm	1458/tcp	Nichols Research Corp.
nrcabq-lm	1458/udp	Nichols Research Corp.
#		Howard Cole <hcole@tumbleweed.nrcabq.com>
proshare1	1459/tcp	Proshare Notebook Application
proshare1	1459/udp	Proshare Notebook Application
proshare2	1460/tcp	Proshare Notebook Application
proshare2	1460/udp	Proshare Notebook Application
#		Robin Kar <Robin_Kar@ccm.hf.intel.com>
ibm_wrless_lan	1461/tcp	IBM Wireless LAN
ibm_wrless_lan	1461/udp	IBM Wireless LAN
#		<flanne@vnet.IBM.COM>
world-lm	1462/tcp	World License Manager
world-lm	1462/udp	World License Manager
#		Michael S Amirault <ambi@world.std.com>
nucleus	1463/tcp	Nucleus
nucleus	1463/udp	Nucleus
#		Venky Nagar <venky@fafner.Stanford.EDU>
mssl_lmd	1464/tcp	MSL License Manager
mssl_lmd	1464/udp	MSL License Manager
#		Matt Timmermans
pipes	1465/tcp	Pipes Platform
pipes	1465/udp	Pipes Platform mfarlin@peerlogic.com
#		Mark Farlin <mfarlin@peerlogic.com>
oceansoft-lm	1466/tcp	Ocean Software License Manager
oceansoft-lm	1466/udp	Ocean Software License Manager
#		Randy Leonard <randy@oceansoft.com>
csdmbase	1467/tcp	CSDMBASE
csdmbase	1467/udp	CSDMBASE
csdm	1468/tcp	CSDM
csdm	1468/udp	CSDM
#		Robert Stabl <stabl@informatik.uni-muenchen.de>
aal-lm	1469/tcp	Active Analysis Limited License Manager
aal-lm	1469/udp	Active Analysis Limited License Manager
#		David Snocken +44 (71)437-7009
uaiact	1470/tcp	Universal Analytics
uaiact	1470/udp	Universal Analytics
#		Mark R. Ludwig <Mark-Ludwig@uai.com>
csdmbase	1471/tcp	csdmbase
csdmbase	1471/udp	csdmbase
csdm	1472/tcp	csdm
csdm	1472/udp	csdm
#		Robert Stabl <stabl@informatik.uni-muenchen.de>
openmath	1473/tcp	OpenMath
openmath	1473/udp	OpenMath
#		Garth Mayville <mayville@maplesoft.on.ca>
telefinder	1474/tcp	Telefinder
telefinder	1474/udp	Telefinder
#		Jim White <Jim_White@spiderisland.com>
taligent-lm	1475/tcp	Taligent License Manager
taligent-lm	1475/udp	Taligent License Manager
#		Mark Sapsford <Mark_Sapsford@@taligent.com>
clvm-cfg	1476/tcp	clvm-cfg
clvm-cfg	1476/udp	clvm-cfg
#		Eric Soderberg <seric@cup.hp.com>
ms-sna-server	1477/tcp	ms-sna-server
ms-sna-server	1477/udp	ms-sna-server
ms-sna-base	1478/tcp	ms-sna-base
ms-sna-base	1478/udp	ms-sna-base
#		Gordon Mangione <gordm@microsoft.com>
dberegister	1479/tcp	dberegister
dberegister	1479/udp	dberegister
#		Brian Griswold <brian@dancingbear.com>
pacerforum	1480/tcp	PacerForum
pacerforum	1480/udp	PacerForum
#		Peter Caswell <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 <mcroberts@miteksys.com>
afs	1483/tcp	AFS License Manager

afs	1483/udp	AFS License Manager
#		Michael R. Pizolato <michael@afs.com>
confluent	1484/tcp	Confluent License Manager
confluent	1484/udp	Confluent License Manager
#		James Greenfiel <jim@pa.confluent.com>
lansource	1485/tcp	LANSource
lansource	1485/udp	LANSource
#		Christopher Wells <Christopher_Wells@3com.com>
nms_topo_serv	1486/tcp	nms_topo_serv
nms_topo_serv	1486/udp	nms_topo_serv
#		Sylvia Siu <Sylvia_Siu@Novell.CO>
localinfosrvr	1487/tcp	LocalInfoSrvr
localinfosrvr	1487/udp	LocalInfoSrvr
#		Brian Matthews <brian_matthews@ibist.ibis.com>
docstor	1488/tcp	DocStor
docstor	1488/udp	DocStor
#		Brian Spears <bspears@salix.com>
dmdocbroker	1489/tcp	dmdocbroker
dmdocbroker	1489/udp	dmdocbroker
#		Razmik Abnous <abnous@documentum.com>
insitu-conf	1490/tcp	insitu-conf
insitu-conf	1490/udp	insitu-conf
#		Paul Blacknell <paul@insitu.com>
anyetgateway	1491/tcp	anyetgateway
anyetgateway	1491/udp	anyetgateway
#		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 Houri <Avshalom@ubique.com>
micromuse-lm	1534/tcp	micromuse-lm
micromuse-lm	1534/udp	micromuse-lm
#		Adam Kerrison <adam@micromuse.co.uk>
ampr-info	1535/tcp	ampr-info
ampr-info	1535/udp	ampr-info
ampr-inter	1536/tcp	ampr-inter
ampr-inter	1536/udp	ampr-inter
#		Rob Janssen <rob@sys3.pelchl.ampr.org>
sdsc-lm	1537/tcp	isi-lm
sdsc-lm	1537/udp	isi-lm
#		Len Wanger <lrw@sdsc.edu>

3ds-lm	1538/tcp	3ds-lm
3ds-lm	1538/udp	3ds-lm
#		Keith Trummel <ktrummel@autodesk.com>
intellistor-lm	1539/tcp	Intellistor License Manager
intellistor-lm	1539/udp	Intellistor License Manager
#		Ron Vaughn <rv@intellistor.com>
rds	1540/tcp	rds
rds	1540/udp	rds
rds2	1541/tcp	rds2
rds2	1541/udp	rds2
#		Sudhakar Rajamannar <mobius1@cerfnet.com>
gridgen-elmd	1542/tcp	gridgen-elmd
gridgen-elmd	1542/udp	gridgen-elmd
#		John R. Chawner +1 817 354-1004
simba-cs	1543/tcp	simba-cs
simba-cs	1543/udp	simba-cs
#		Betsy Alexander +1 604-681-4549
aspeclmd	1544/tcp	aspeclmd
aspeclmd	1544/udp	aspeclmd
#		V. Balaji <balaji@aspec.com>
vistium-share	1545/tcp	vistium-share
vistium-share	1545/udp	vistium-share
#		Allison Carleton
#		<acarleto@naper1.napervilleil.ncr.com>
abbaccuray	1546/tcp	abbaccuray
abbaccuray	1546/udp	abbaccuray
#		John Wendt 614-261-2000
laplink	1547/tcp	laplink
laplink	1547/udp	laplink
#		Michael Crawford <MichaelC@dev.travsoft.com>
axon-lm	1548/tcp	Axon License Manager
axon-lm	1548/udp	Axon License Manager
#	Mark Pearce <<Mark_A.._Pearce/AXON_Networks_Inc..@notes.axon.com>	
shivahose	1549/tcp	Shiva Hose
shivasound	1549/udp	Shiva Sound
#		Kin Chan <kchan@shiva.com>
3m-image-lm	1550/tcp	Image Storage license manager 3M Company
3m-image-lm	1550/udp	Image Storage license manager 3M Company
#		J. C. Canessa <jccanessa@mmm.com>
hecmtl-db	1551/tcp	HECMTL-DB
hecmtl-db	1551/udp	HECMTL-DB
#		Maxime Belanger <R173@hec.ca>
pciarray	1552/tcp	pciarray
pciarray	1552/udp	pciarray
#		Ron Folk <rfolkes@avl.com>
sna-cs	1553/tcp	sna-cs
sna-cs	1553/udp	sna-cs
#		Tony Sowter <ts@datcon.co.uk>
caci-lm	1554/tcp	CACI Products Company License Manager
caci-lm	1554/udp	CACI Products Company License Manager
#		Erik Blume <erikb@caciasl.com>
livelan	1555/tcp	livelan
livelan	1555/udp	livelan
#		khedayat@roadrunner.pictel.com <Kaynam Hedayat>
veritas_pbx	1556/tcp	VERITAS Private Branch Exchange
veritas_pbx	1556/udp	VERITAS Private Branch Exchange
#		Stefan Winkel <stefan@veritas.com> April 2004
arbortext-lm	1557/tcp	ArborText License Manager
arbortext-lm	1557/udp	ArborText License Manager
#		David J. Wilson <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>
asci-val	1560/tcp	ASCI-RemoteSHADOW
asci-val	1560/udp	ASCI-RemoteSHADOW
#		Benjamin Rosenberg <brosenberg@advsyscon.com>
facilityview	1561/tcp	facilityview
facilityview	1561/udp	facilityview
#		Ed Green <egreen@pmeasuring.com>
pconnectmgr	1562/tcp	pconnectmgr
pconnectmgr	1562/udp	pconnectmgr
#		Bob Kaiser <BKaiser@palindrome.com>
cadabra-lm	1563/tcp	Cadabra License Manager
cadabra-lm	1563/udp	Cadabra License Manager
#		Arthur Castonguay <arthurc@doe.carleton.ca>

pay-per-view	1564/tcp	Pay-Per-View
pay-per-view	1564/udp	Pay-Per-View
#		Brian Tung <brian@isi.edu>
winddlb	1565/tcp	WinDD
winddlb	1565/udp	WinDD
#		Kelly Sims <kellys@garnet.wv.tek.com>
corelvideo	1566/tcp	CORELVIDEO
corelvideo	1566/udp	CORELVIDEO
#		Ming Poon <mingp@corel.ca>
jlicelmd	1567/tcp	jlicelmd
jlicelmd	1567/udp	jlicelmd
#		Christian Schormann <100410.3063@compuserve.com>
tsspmap	1568/tcp	tsspmap
tsspmap	1568/udp	tsspmap
#		Paul W. Nelson <nelson@thursby.com>
ets	1569/tcp	ets
ets	1569/udp	ets
#		Carstein Seeberg <case@boole.no>
orbixd	1570/tcp	orbixd
orbixd	1570/udp	orbixd
#		Bridget Walsh <bwalsh@iona.ie>
rdb-dbs-disp	1571/tcp	Oracle Remote Data Base
rdb-dbs-disp	1571/udp	Oracle Remote Data Base
#		<mackin@us.oracle.com>
chip-lm	1572/tcp	Chipcom License Manager
chip-lm	1572/udp	Chipcom License Manager
#		Jerry Natowitz <Jerry.Natowitz>
itscomm-ns	1573/tcp	itscomm-ns
itscomm-ns	1573/udp	itscomm-ns
#		Rich Thompson <richt@watson.ibm.com>
mvel-lm	1574/tcp	mvel-lm
mvel-lm	1574/udp	mvel-lm
#		David Bisset <dbisset@mvel.demon.co.uk>
oraclenames	1575/tcp	oraclenames
oraclenames	1575/udp	oraclenames
#		P.V.Shivkumar <PSHIVKUM@us.oracle.com>
moldflow-lm	1576/tcp	moldflow-lm
moldflow-lm	1576/udp	moldflow-lm
#		Paul Browne <browne@moldflow.com.au>
hypercube-lm	1577/tcp	hypercube-lm
hypercube-lm	1577/udp	hypercube-lm
#		Christopher McLendon <cem@hyper.com>
jacobus-lm	1578/tcp	Jacobus License Manager
jacobus-lm	1578/udp	Jacobus License Manager
#		Tony Cleveland <tony.cleveland@jacobus.com>
ioc-sea-lm	1579/tcp	ioc-sea-lm
ioc-sea-lm	1579/udp	ioc-sea-lm
#		Paul Nelson <paul@ioc-sea.com>
tn-tl-r1	1580/tcp	tn-tl-r1
tn-tl-r2	1580/udp	tn-tl-r2
#		Ed Kress <eskress@thinknet.com>
mil-2045-47001	1581/tcp	MIL-2045-47001
mil-2045-47001	1581/udp	MIL-2045-47001
#		Eric Whitehill <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>

gemin-lm	1590/tcp	gemin-lm
gemin-lm	1590/udp	gemin-lm
#		Tony Sawyer <tonys@gemtech.com>
ncpm-pm	1591/tcp	ncpm-pm
ncpm-pm	1591/udp	ncpm-pm
#		Ted Power <tedp@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>
picodbc	1603/tcp	pickodbc
picodbc	1603/udp	pickodbc
#		John Lombardo <johnl@picksys.com>
icabrowser	1604/tcp	icabrowser
icabrowser	1604/udp	icabrowser
#		Brad Pedersen <bradp@citrix.com>
slp	1605/tcp	Salutation Manager (Salutation Protocol)
slp	1605/udp	Salutation Manager (Salutation Protocol)
slm-api	1606/tcp	Salutation Manager (SLM-API)
slm-api	1606/udp	Salutation Manager (SLM-API)
#		Tohru Mori <tmori@VNET.IBM.COM>
stt	1607/tcp	stt
stt	1607/udp	stt
#		Ryan Bolz <ryanbo@microsoft.com>
smart-lm	1608/tcp	Smart Corp. License Manager
smart-lm	1608/udp	Smart Corp. License Manager
#		Connie Qiu <connie@scdb.com>
isysg-lm	1609/tcp	isysg-lm
isysg-lm	1609/udp	isysg-lm
#		Adam Curtin <adam.curtin@isysg.com>
taurus-wh	1610/tcp	taurus-wh
taurus-wh	1610/udp	taurus-wh
#		Jeff Moffatt <jeff@taurus.com>
ill	1611/tcp	Inter Library Loan
ill	1611/udp	Inter Library Loan
#		Niall Murphy <niallm@orca.ucd.ie>
netbill-trans	1612/tcp	NetBill Transaction Server
netbill-trans	1612/udp	NetBill Transaction Server
netbill-keyrep	1613/tcp	NetBill Key Repository
netbill-keyrep	1613/udp	NetBill Key Repository
netbill-cred	1614/tcp	NetBill Credential Server
netbill-cred	1614/udp	NetBill Credential Server
netbill-auth	1615/tcp	NetBill Authorization Server
netbill-auth	1615/udp	NetBill Authorization Server
netbill-prod	1616/tcp	NetBill Product Server
netbill-prod	1616/udp	NetBill Product Server
#		Marvin Sirbu <sirbu+@andrew.cmu.edu>
nimrod-agent	1617/tcp	Nimrod Inter-Agent Communication
nimrod-agent	1617/udp	Nimrod Inter-Agent Communication
#		Charles Lynn <clynn@bbn.com>
skytelnet	1618/tcp	skytelnet

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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

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# Eric Whitehill <eawhiteh@itt.com>
rsap 1647/tcp rsap
rsap 1647/udp rsap
# Holger Reif
# <Holger.Reif@prakinf.tu-ilmenau.de>
concurrent-lm 1648/tcp concurrent-lm
concurrent-lm 1648/udp concurrent-lm
# Maggie Brinsford <mjb@concurrent.co.uk>
kermit 1649/tcp kermit
kermit 1649/udp kermit
# Frank da Cruz <fdc@watsun.cc.columbia.edu>
nkd 1650/tcp nkdn
nkd 1650/udp nkdn
shiva_confsrvr 1651/tcp shiva_confsrvr
shiva_confsrvr 1651/udp shiva_confsrvr
# Mike Horowitz <mah@Shiva.COM>
xnmp 1652/tcp xnmp
xnmp 1652/udp xnmp
# Ali Saleh <scomm@cerf.net>
alphatech-lm 1653/tcp alphatech-lm
alphatech-lm 1653/udp alphatech-lm
# Joseph Hauk <joseph.hauk@alphatech.com>
stargatealerts 1654/tcp stargatealerts
stargatealerts 1654/udp stargatealerts
# Tim Coppernoll
# <Tim_Coppernoll@ccm.jf.intel.com>
dec-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

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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 <iana@simsware.com>
cambertx-lm	1734/tcp	Camber Corporation License Management
cambertx-lm	1734/udp	Camber Corporation License Management
#		Jeannie Burleson <jeannie@cambertx.com>
privatechat	1735/tcp	PrivateChat
privatechat	1735/udp	PrivateChat
#		Louis E. Simard <76400.3371@CompuServe.COM>
street-stream	1736/tcp	street-stream
street-stream	1736/udp	street-stream
#		Glenn Levitt <streetdl@ix.netcom.com>
ultimad	1737/tcp	ultimad
ultimad	1737/udp	ultimad
#		(Michael Lanzetta <hagbard@ultimatech.com>
gamegen1	1738/tcp	GameGen1
gamegen1	1738/udp	GameGen1
#		Glen Pearson <GlenP@multigen.com>
webaccess	1739/tcp	webaccess
webaccess	1739/udp	webaccess
#		Christian Saether <ChristianS@asymetrix.com>
encore	1740/tcp	encore
encore	1740/udp	encore
#		Stuart Button <button@promis.com>
cisco-net-mgmt	1741/tcp	cisco-net-mgmt
cisco-net-mgmt	1741/udp	cisco-net-mgmt
#		John McCormack <jmac@cisco.com>
3Com-nsd	1742/tcp	3Com-nsd
3Com-nsd	1742/udp	3Com-nsd
#		Nitza Steinberg <nitza@isd.3com.com>
cinegrfx-lm	1743/tcp	Cinema Graphics License Manager
cinegrfx-lm	1743/udp	Cinema Graphics License Manager
#		Rodney Iwashina <rodney@cyclone.rfx.com>
ncpm-ft	1744/tcp	ncpm-ft
ncpm-ft	1744/udp	ncpm-ft
#		Ken Hearn <hearn@hpindacx.cup.hp.com>
remote-winsock	1745/tcp	remote-winsock
remote-winsock	1745/udp	remote-winsock
#		Avi Nathan <avin@microsoft.com>
ftrapid-1	1746/tcp	ftrapid-1
ftrapid-1	1746/udp	ftrapid-1
ftrapid-2	1747/tcp	ftrapid-2
ftrapid-2	1747/udp	ftrapid-2
#		Richard J. Williams <RJW1@trpo4.tr.unisys.com>
oracle-em1	1748/tcp	oracle-em1
oracle-em1	1748/udp	oracle-em1
#		Bob Purvy <bpurvy@us.oracle.com>
aspen-services	1749/tcp	aspen-services
aspen-services	1749/udp	aspen-services
#		Mark B. Hurst <mhurst@aspenres.com>
sslp	1750/tcp	Simple Socket Library's PortMaster
sslp	1750/udp	Simple Socket Library's PortMaster
#		Dr. Charles E. Campbell Jr.
#		<cec@gryphon.gsfc.nasa.gov>
swiftnet	1751/tcp	SwiftNet
swiftnet	1751/udp	SwiftNet
#		Terry Lim <tkl@pentek.com>
lofr-lm	1752/tcp	Leap of Faith Research License Manager
lofr-lm	1752/udp	Leap of Faith Research License Manager
#		
#	1753	Unassigned (Removed 2004-05-18)
oracle-em2	1754/tcp	oracle-em2
oracle-em2	1754/udp	oracle-em2
#		Bob Purvy <bpurvy@us.oracle.com>
ms-streaming	1755/tcp	ms-streaming
ms-streaming	1755/udp	ms-streaming
#		Bret O'Rourke <bretor@microsoft.com>
capfast-lmd	1756/tcp	capfast-lmd
capfast-lmd	1756/udp	capfast-lmd
#		Chuck Neal <chuck@phase3.com>
cnhrp	1757/tcp	cnhrp

cnhrp	1757/udp	cnhrp
#		William Stoye <wstoye@atml.co.uk>
tftp-mcast	1758/tcp	tftp-mcast
tftp-mcast	1758/udp	tftp-mcast
#		Tom Emberson <tom@lanworks.com>
spss-lm	1759/tcp	SPSS License Manager
spss-lm	1759/udp	SPSS License Manager
#		Tex Hull <tex@spss.com>
www-ldap-gw	1760/tcp	www-ldap-gw
www-ldap-gw	1760/udp	www-ldap-gw
#		Nick Emery <Nick.Emery@altavista.digital.com>
cft-0	1761/tcp	cft-0
cft-0	1761/udp	cft-0
cft-1	1762/tcp	cft-1
cft-1	1762/udp	cft-1
cft-2	1763/tcp	cft-2
cft-2	1763/udp	cft-2
cft-3	1764/tcp	cft-3
cft-3	1764/udp	cft-3
cft-4	1765/tcp	cft-4
cft-4	1765/udp	cft-4
cft-5	1766/tcp	cft-5
cft-5	1766/udp	cft-5
cft-6	1767/tcp	cft-6
cft-6	1767/udp	cft-6
cft-7	1768/tcp	cft-7
cft-7	1768/udp	cft-7
#		Martine Marchand 16 1 46 59 24 84
bmc-net-adm	1769/tcp	bmc-net-adm
bmc-net-adm	1769/udp	bmc-net-adm
#		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>
nmsp	1790/tcp	Narrative Media Streaming Protocol
nmsp	1790/udp	Narrative Media Streaming Protocol
#		Paul Santinelli, Jr. <psantinelli@narrative.com>
ea1	1791/tcp	EAL
ea1	1791/udp	EAL
#		Kirk MacLean <kmaclean@ea.com>
ibm-dt-2	1792/tcp	ibm-dt-2
ibm-dt-2	1792/udp	ibm-dt-2
#		Sam Borman <sam_borman@uk.ibm.com>
rsc-robot	1793/tcp	rsc-robot
rsc-robot	1793/udp	rsc-robot
#		Andrew Jay Schneider <ajs@relsoft.com>
cera-bcm	1794/tcp	cera-bcm
cera-bcm	1794/udp	cera-bcm
#		Leo Moesgaard <leo_moesgaard@dk.ibm.com>
dpi-proxy	1795/tcp	dpi-proxy
dpi-proxy	1795/udp	dpi-proxy
#		Charles Gordon <cgordon@digprod.com>
vocaltec-admin	1796/tcp	Vocaltec Server Administration
vocaltec-admin	1796/udp	Vocaltec Server Administration
#		Scott Petrack <Scott_Petrack@vocaltec.com>
uma	1797/tcp	UMA
uma	1797/udp	UMA
#		Martin Kirk <m.kirk@opengroup.org>
etp	1798/tcp	Event Transfer Protocol
etp	1798/udp	Event Transfer Protocol
#		Mike Wray <mjw@hplb.hpl.hp.com>
netrisk	1799/tcp	NETRISK
netrisk	1799/udp	NETRISK
#		Kevin Green <Kevin_Green@tds.com>
ansys-lm	1800/tcp	ANSYS-License manager
ansys-lm	1800/udp	ANSYS-License manager
#		Suzanne Lorrin <sml@ansyspo.ansys.com>
msmq	1801/tcp	Microsoft Message Que
msmq	1801/udp	Microsoft Message Que
#		Amnon Horowitz <amnonh@MICROSOFT.com>
concomp1	1802/tcp	ConComp1
concomp1	1802/udp	ConComp1
#		Ed Vincent <@edv@concomp.com>
hp-hcip-gwy	1803/tcp	HP-HCIP-GWY
hp-hcip-gwy	1803/udp	HP-HCIP-GWY
#		Allen Baker <abaker@boi.hp.com>
enl	1804/tcp	ENL
enl	1804/udp	ENL
#		Brian Olson <briolson@pacbell.net>
enl-name	1805/tcp	ENL-Name
enl-name	1805/udp	ENL-Name
#		Brian Olson <briolson@pacbell.net>
musiconline	1806/tcp	Musiconline
musiconline	1806/udp	Musiconline
#		Craig Weeks <cweeks@syspace.co.uk>
fhsp	1807/tcp	Fujitsu Hot Standby Protocol
fhsp	1807/udp	Fujitsu Hot Standby Protocol
#		Eiki Iwata (eiki@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

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# 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-emedial 1829/tcp Optika eMedia
optika-emedial 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-smc 1836/tcp ste-smc
ste-smc 1836/udp ste-smc
# 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

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#		Aaron Lav <aaron@taltrade.com>
netopia-vol	1839/tcp	netopia-vol
netopia-vol	1839/udp	netopia-vol
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>
tuninstall-pnc	1846/tcp	Tuninstall PNC
tuninstall-pnc	1846/udp	Tuninstall PNC
#		Robert M. Moore <r_moore@tuninstall.co.uk>
slp-notify	1847/tcp	SLP Notification
slp-notify	1847/udp	SLP Notification
#		James Kempf <james.kempf@sun.com>
fjdoddist	1848/tcp	fjdoddist
fjdoddist	1848/udp	fjdoddist
#		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-3lport	1864/tcp	Paradym 3l Port
paradym-3lport	1864/udp	Paradym 3l 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>
visiblebrowser	1868/tcp	VizableBrowser
visiblebrowser	1868/udp	VizableBrowser
#		Jimmy Talbot <jtalbot@visible.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
canocentrall	1872/tcp	Cano Central 1
canocentrall	1872/udp	Cano Central 1
#		Mark McNamara <markm@research.canon.com.au>
fjmpjps	1873/tcp	Fjmpjps
fjmpjps	1873/udp	Fjmpjps
fjswapsnp	1874/tcp	Fjswapsnp
fjswapsnp	1874/udp	Fjswapsnp
#		Y. Ohiwa <y-ohiwa@ael.fujitsu.co.jp>
westell-stats	1875/tcp	westell stats
westell-stats	1875/udp	westell stats
#		Thomas McCabe <tmcca@westell.com>
ewcappsrv	1876/tcp	ewcappsrv
ewcappsrv	1876/udp	ewcappsrv
#		Howard Yin <howard.yin@ericsson.com>
hp-webqosdb	1877/tcp	hp-webqosdb
hp-webqosdb	1877/udp	hp-webqosdb
#		Kim Scott <kims@cup.hp.com>
drmsmc	1878/tcp	drmsmc
drmsmc	1878/udp	drmsmc
#		Katsuhiko Abe <kabe@hst.fujitsu.co.jp>
nettgain-nms	1879/tcp	NettGain NMS
nettgain-nms	1879/udp	NettGain NMS
#		Dr. Yair Shapira <yair@flashnetworks.com>
vsat-control	1880/tcp	Gilat VSAT Control
vsat-control	1880/udp	Gilat VSAT Control
#		Yariv Kaplan <yarivk@gilat.com>
ibm-mqseries2	1881/tcp	IBM WebSphere MQ Everyplace
ibm-mqseries2	1881/udp	IBM WebSphere MQ Everyplace
#		Jane Porter <janeporter@uk.ibm.com>
ecsqdmn	1882/tcp	ecsqdmn
ecsqdmn	1882/udp	ecsqdmn
#		Paul Wissmiller <Paul.Wissmiller@ca.com>
ibm-mqisdpc	1883/tcp	IBM MQSeries SCADA
ibm-mqisdpc	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 <ianaportmaster@unify.com>
wilkenlistener	1890/tcp	wilkenListener
wilkenlistener	1890/udp	wilkenListener
#		Wilken GmbH <fy@wilken.de>
childkey-notif	1891/tcp	ChildKey Notification
childkey-notif	1891/udp	ChildKey Notification
childkey-ctrl	1892/tcp	ChildKey Control
childkey-ctrl	1892/udp	ChildKey Control
#		Ivan Berardinelli <ivan@gestweb.com>
elad	1893/tcp	ELAD Protocol



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elad          1893/udp    ELAD Protocol
#            Franco Milan <franco@eladit.com>
o2server-port 1894/tcp    O2Server Port
o2server-port 1894/udp    O2Server Port
#            Tim Howard <timothygh@hotmail.com>
##### Microsoft (unofficially) using 1895 #####
b-novative-ls 1896/tcp    b-novative license server
b-novative-ls 1896/udp    b-novative license server
#            Matthias Riese <Matthias.Riese@b-novative.de>
metaagent     1897/tcp    MetaAgent
metaagent     1897/udp    MetaAgent
#            Stephane Vinsot <vinsot@enatel.com>
cymtec-port   1898/tcp    Cymtec secure management
cymtec-port   1898/udp    Cymtec secure management
#            Michael Mester <mmester@cymtec.com>
mc2studios    1899/tcp    MC2Studios
mc2studios    1899/udp    MC2Studios
#            Michael Coon <michael@thecube.com>
ssdp          1900/tcp    SSDP
ssdp          1900/udp    SSDP
#            Yaron Goland <yarong@microsoft.com>
fjicl-tep-a   1901/tcp    Fujitsu ICL Terminal Emulator Program A
fjicl-tep-a   1901/udp    Fujitsu ICL Terminal Emulator Program A
#            Bob Lyon <bl@oasis.icl.co.uk>
fjicl-tep-b   1902/tcp    Fujitsu ICL Terminal Emulator Program B
fjicl-tep-b   1902/udp    Fujitsu ICL Terminal Emulator Program B
#            Bob Lyon <bl@oasis.icl.co.uk>
linkname      1903/tcp    Local Link Name Resolution
linkname      1903/udp    Local Link Name Resolution
#            Dan Harrington <dth@lucent.com>
fjicl-tep-c   1904/tcp    Fujitsu ICL Terminal Emulator Program C
fjicl-tep-c   1904/udp    Fujitsu ICL Terminal Emulator Program C
#            Bob Lyon <bl@oasis.icl.co.uk>
sugp          1905/tcp    Secure UP.Link Gateway Protocol
sugp          1905/udp    Secure UP.Link Gateway Protocol
#            Peter King <king@uplanet.com>
tpmd          1906/tcp    TPortMapperReq
tpmd          1906/udp    TPortMapperReq
#            Sheila Devins <sheila_devins@VNET.IBM.COM>
intrastar     1907/tcp    IntraSTAR
intrastar     1907/udp    IntraSTAR
#            Peter Schoenberger <ps@teles.de>
dawn          1908/tcp    Dawn
dawn          1908/udp    Dawn
#            Michael Crawford <michaelc@travsoft.com>
global-wlink  1909/tcp    Global World Link
global-wlink  1909/udp    Global World Link
#            Nicholas Davies <N.Davies@globalcomm.co.uk>
ultrabac      1910/tcp    UltraBac Software communications port
ultrabac      1910/udp    UltraBac Software communications port
#            Paul Bunn <iana@ultrabac.com>
mtp           1911/tcp    Starlight Networks Multimedia Transport Protocol
mtp           1911/udp    Starlight Networks Multimedia Transport Protocol
#            Bruce Lieberman <brucel@iserver.starlight.com>
rhp-iibp     1912/tcp    rhp-iibp
rhp-iibp     1912/udp    rhp-iibp
#            George Nachman
#            Tom Lake <tlake@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

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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>
macromedia-fcs	1935/tcp	Macromedia Flash Communications Server MX
macromedia-fcs	1935/udp	Macromedia Flash Communications server MX
#		Pritham Shetty <pritham@macromedia.com>
jetcmeserver	1936/tcp	JetCmeServer Server Port
jetcmeserver	1936/udp	JetCmeServer Server Port
jwserver	1937/tcp	JetVWay Server Port
jwserver	1937/udp	JetVWay Server Port
jwclient	1938/tcp	JetVWay Client Port
jwclient	1938/udp	JetVWay Client Port
jvserver	1939/tcp	JetVision Server Port
jvserver	1939/udp	JetVision Server Port
jvclient	1940/tcp	JetVision Client Port
jvclient	1940/udp	JetVision Client Port
#		Stephen Tsun <stsun@jetstream.com>
dic-aida	1941/tcp	DIC-Aida
dic-aida	1941/udp	DIC-Aida
#		Frans S.C. Witte <fscwitte@dicgroep.nl>
res	1942/tcp	Real Enterprise Service
res	1942/udp	Real Enterprise Service
#		Bob Janssen <bob@res.nl>
beeyond-media	1943/tcp	Beeyond Media
beeyond-media	1943/udp	Beeyond Media
#		Bob 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

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# 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-lmsrver 1951/tcp bcs-lmsrver
bcs-lmsrver 1951/udp bcs-lmsrver
# 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>
dxadmin 1958/tcp CA Administration Daemon
dxadmin 1958/udp CA Administration Daemon
# John Birrell <birjo99@cai.com>
simp-all 1959/tcp SIMP Channel
simp-all 1959/udp SIMP Channel
# Tim Hunnewell <thunnewell@pinna.com>
nasmanager 1960/tcp Merit DAC NASmanager
nasmanager 1960/udp Merit DAC NASmanager
# Richard S. Conto <rsc@merit.edu>
bts-appserver 1961/tcp BTS APPSERVER
bts-appserver 1961/udp BTS APPSERVER
# Carl Obsorn <carl_osborn@sabre.com>
biap-mp 1962/tcp BIAP-MP
biap-mp 1962/udp BIAP-MP
# 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
# 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>

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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
perf-port	1995/udp	cisco perf port
tr-rsrp-port	1996/tcp	cisco Remote SRB port
tr-rsrp-port	1996/udp	cisco Remote SRB port
gdp-port	1997/tcp	cisco Gateway Discovery Protocol
gdp-port	1997/udp	cisco Gateway Discovery Protocol
x25-svc-port	1998/tcp	cisco X.25 service (XOT)
x25-svc-port	1998/udp	cisco X.25 service (XOT)
tcp-id-port	1999/tcp	cisco identification port
tcp-id-port	1999/udp	cisco identification port
#		
cisco-sccp	2000/tcp	Cisco SCCP
cisco-sccp	2000/udp	Cisco SCCP
#		Dan Wing <dwing@cisco.com> November 2003
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-cd	2006/udp	raid
dectalk	2007/tcp	
raid-am	2007/udp	
conf	2008/tcp	
terminaldb	2008/udp	
news	2009/tcp	
whosockami	2009/udp	
search	2010/tcp	
pipe_server	2010/udp	
raid-cc	2011/tcp	raid
servserv	2011/udp	
ttyinfo	2012/tcp	
raid-ac	2012/udp	
raid-am	2013/tcp	
raid-cd	2013/udp	
troff	2014/tcp	
raid-sf	2014/udp	
cypress	2015/tcp	
raid-cs	2015/udp	
bootserver	2016/tcp	
bootserver	2016/udp	
cypress-stat	2017/tcp	
bootclient	2017/udp	
terminaldb	2018/tcp	
rellpack	2018/udp	
whosockami	2019/tcp	
about	2019/udp	
xinupageserver	2020/tcp	
xinupageserver	2020/udp	
servexec	2021/tcp	
xinuexpansion1	2021/udp	
down	2022/tcp	
xinuexpansion2	2022/udp	
xinuexpansion3	2023/tcp	
xinuexpansion3	2023/udp	
xinuexpansion4	2024/tcp	
xinuexpansion4	2024/udp	
ellpack	2025/tcp	
xribs	2025/udp	
scrabble	2026/tcp	
scrabble	2026/udp	
shadowserver	2027/tcp	
shadowserver	2027/udp	
submitserver	2028/tcp	
submitserver	2028/udp	
#	2029	Unassigned
device2	2030/tcp	
device2	2030/udp	
#	2031	Unassigned
blackboard	2032/tcp	
blackboard	2032/udp	
glogger	2033/tcp	
glogger	2033/udp	
scoremgr	2034/tcp	
scoremgr	2034/udp	
imsl doc	2035/tcp	
imsl doc	2035/udp	
#	2036	Unassigned
p2plus	2037/tcp	P2plus Application Server
p2plus	2037/udp	P2plus Application Server
#		Thomas Boerkel <tb@ap-ag.com>
objectmanager	2038/tcp	
objectmanager	2038/udp	
#	2039	Unassigned
lam	2040/tcp	
lam	2040/udp	
interbase	2041/tcp	
interbase	2041/udp	
isis	2042/tcp	isis
isis	2042/udp	isis
isis-bcast	2043/tcp	isis-bcast
isis-bcast	2043/udp	isis-bcast
#		Ken Chapman <kchapman@isis.com>
rims1	2044/tcp	
rims1	2044/udp	
cdfunc	2045/tcp	
cdfunc	2045/udp	

sdfunc	2046/tcp	
sdfunc	2046/udp	
dls	2047/tcp	
dls	2047/udp	
dls-monitor	2048/tcp	
dls-monitor	2048/udp	
#		<== NOTE Conflict on 2049 !
shilp	2049/tcp	
shilp	2049/udp	
nfs	2049/tcp	Network File System - Sun Microsystems
nfs	2049/udp	Network File System - Sun Microsystems
#		Brent Callaghan <brent@terra.eng.sun.com>
av-emb-config	2050/tcp	Avaya EMB Config Port
av-emb-config	2050/udp	Avaya EMB Config Port
#		John Yeager <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>
dlsrpn	2065/tcp	Data Link Switch Read Port Number
dlsrpn	2065/udp	Data Link Switch Read Port Number
#		Amir Peless <amirp@radware.co.il>
#	2066	Unassigned
dlswpn	2067/tcp	Data Link Switch Write Port Number
dlswpn	2067/udp	Data Link Switch Write Port Number
#		Amir Peless <amirp@radware.co.il>
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>
vrtrl-vmf-sa	2074/tcp	Vertel VMF SA
vrtrl-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
#		Zdenek Kolba <zdenek.kolba@id-karta.cz>
autodesk-nlm	2080/tcp	Autodesk NLM (FLEXlm)
autodesk-nlm	2080/udp	Autodesk NLM (FLEXlm)
#		Greg Suppes <greg.suppes@autodesk.com>
kme-trap-port	2081/tcp	KME PRINTER TRAP PORT
kme-trap-port	2081/udp	KME PRINTER TRAP PORT
#		Masakatsu Matsuo <masa@sdsft.kme.mei.co.jp>
infowave	2082/tcp	Infowave Mobility Server
infowave	2082/udp	Infowave Mobiltiy Server
#		Kaz Kylheku <kkylheku@infowave.com>
#	2083-2085	Unassigned
gnunet	2086/tcp	GNUnet
gnunet	2086/udp	GNUnet
#		Christian Grothoff <grothoff@cs.purdue.edu> October 2002
eli	2087/tcp	ELI - Event Logging Integration
eli	2087/udp	ELI - Event Logging Integration
#		Maya Zimerman <mayaz@radware.co.il>
#	2088	Unassigned
sep	2089/tcp	Security Encapsulation Protocol - SEP
sep	2089/udp	Security Encapsulation Protocol - SEP
#		Maya Zimerman <mayaz@radware.co.il>
lrp	2090/tcp	Load Report Protocol
lrp	2090/udp	Load Report Protocol
#		Amir Peless <amirp@radware.co.il>
prp	2091/tcp	PRP
prp	2091/udp	PRP
#		Amir Peless <amirp@radware.co.il>
descent3	2092/tcp	Descent 3
descent3	2092/udp	Descent 3
#		Kevin Bentley <Kevin@outrage.com>
nbx-cc	2093/tcp	NBX CC
nbx-cc	2093/udp	NBX CC
nbx-au	2094/tcp	NBX AU
nbx-au	2094/udp	NBX AU
nbx-ser	2095/tcp	NBX SER
nbx-ser	2095/udp	NBX SER
nbx-dir	2096/tcp	NBX DIR
nbx-dir	2096/udp	NBX DIR
#		Henry Houh <hhouh@nbxcorp.com>
jetformpreview	2097/tcp	Jet Form Preview
jetformpreview	2097/udp	Jet Form Preview
#		Zygmunt Wiercioch <zyg@jetform.com>
dialog-port	2098/tcp	Dialog Port
dialog-port	2098/udp	Dialog Port
#		Joseph Mathew <mjoseph@dosa.cisco.com>
h2250-annex-g	2099/tcp	H.225.0 Annex G
h2250-annex-g	2099/udp	H.225.0 Annex G
#		Gur Kimchi <gur.kimchi@vocaltec.com>
amiganetfs	2100/tcp	Amiga Network Filesystem
amiganetfs	2100/udp	Amiga Network Filesystem
#		Rudi Chiarito <nutello@sweetness.com>
rtcm-sc104	2101/tcp	rtcm-sc104
rtcm-sc104	2101/udp	rtcm-sc104
#		Wolfgang Rupperecht <wolfgang@wsrcc.com>
zephyr-srv	2102/tcp	Zephyr server
zephyr-srv	2102/udp	Zephyr server
zephyr-clt	2103/tcp	Zephyr serv-hm connection
zephyr-clt	2103/udp	Zephyr serv-hm connection
zephyr-hm	2104/tcp	Zephyr hostmanager
zephyr-hm	2104/udp	Zephyr hostmanager
#		Greg Hudson <zephyr-bugs@mit.edu>

minipay	2105/tcp	MiniPay
minipay	2105/udp	MiniPay
#		Amir Herzberg <amirh@vnet.ibm.com>
mzap	2106/tcp	MZAP
mzap	2106/udp	MZAP
#		Dave Thaler <dthaler@microsoft.com>
bintec-admin	2107/tcp	BinTec Admin
bintec-admin	2107/udp	BinTec Admin
#		Thomas Schmidt <ts@bintec.de>
comcam	2108/tcp	Comcam
comcam	2108/udp	Comcam
#		Don Gilbreath <don@comcam.net>
ergolight	2109/tcp	Ergolight
ergolight	2109/udp	Ergolight
#		Jindra Ryvola <jryvola@ledalite.com>
umsp	2110/tcp	UMSP
umsp	2110/udp	UMSP
#		Alexander Bogdanov <alexander_bgd@softhome.net>
dsatp	2111/tcp	DSATP
dsatp	2111/udp	DSATP
#		Ralph Beck <beck@altaworks.com>
idonix-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	Key Distribution Manager
kdm	2115/udp	Key Distribution Manager
#		Mike Little <mike.little@GDC4S.com>
ccowcmr	2116/tcp	CCOWCMR
ccowcmr	2116/udp	CCOWCMR
#		Mark Morwood <markm@sentillion.com>
mentaclient	2117/tcp	MENTACLIENT
mentaclient	2117/udp	MENTACLIENT
mentaserver	2118/tcp	MENTASERVER
mentaserver	2118/udp	MENTASERVER
#		Ilan Shlosberg <ilan@mentasoftware.com>
gsigatekeeper	2119/tcp	GSIGATEKEEPER
gsigatekeeper	2119/udp	GSIGATEKEEPER
#		Steve Tuecke <tuecke@mcs.anl.gov>
qencp	2120/tcp	Quick Eagle Networks CP
qencp	2120/udp	Quick Eagle Networks CP
#		Santa Dasu <Santa_Dasu@quickeagle.com>
scientia-ssdb	2121/tcp	SCIENTIA-SSDB
scientia-ssdb	2121/udp	SCIENTIA-SSDB
#		Ian Miller <Ian_Miller@scientia.com>
caupc-remote	2122/tcp	CauPC Remote Control
caupc-remote	2122/udp	CauPC Remote Control
#		Environics Oy <pasi.nuutinmaki@environics.fi>
gtp-control	2123/tcp	GTP-Control Plane (3GPP)
gtp-control	2123/udp	GTP-Control Plane (3GPP)
#		Alessio Casati <a.casati@computer.org>
elatelink	2124/tcp	ELATELINK
elatelink	2124/udp	ELATELINK
#		Tim Lawrence <lawrence@tao-group.com>
lockstep	2125/tcp	LOCKSTEP
lockstep	2125/udp	LOCKSTEP
#		Karl Forster <kforster@lockstep.com>
pktcable-cops	2126/tcp	PktCable-COPS
pktcable-cops	2126/udp	PktCable-COPS
#		Glenn Russell <grussell@cablelabs.com>
index-pc-wb	2127/tcp	INDEX-PC-WB
index-pc-wb	2127/udp	INDEX-PC-WB
#		James David Fisher <jfisher1@avaya.com>
net-steward	2128/tcp	Net Steward Control
net-steward	2128/udp	Net Steward Control
#		Martin Norman <martin@ndl.co.uk>
cs-live	2129/tcp	cs-live.com
cs-live	2129/udp	cs-live.com
#		Matt Lachance <matt@cs-live.com>
swc-xds	2130/tcp	SWC-XDS
swc-xds	2130/udp	SWC-XDS
#		Peter Zurich <peter.zurich@swc.com>
avantageb2b	2131/tcp	Avantageb2b



avantageb2b	2131/udp	Avantageb2b
#		Avi Software <srobert@logava.com>
avail-epmap	2132/tcp	AVAIL-EPMAP
avail-epmap	2132/udp	AVAIL-EPMAP
#		Mark Armstrong <avail@pacbell.net>
zymed-zpp	2133/tcp	ZYMED-ZPP
zymed-zpp	2133/udp	ZYMED-ZPP
#		Gregg Welker <greggw@zmi.com>
avenue	2134/tcp	AVENUE
avenue	2134/udp	AVENUE
#		Jason Cater <jason@ncsmags.com>
gris	2135/tcp	Grid Resource Information Server
gris	2135/udp	Grid Resource Information Server
#		Steve Tuecke <tuecke@mcs.anl.gov>
appworxsrvt	2136/tcp	APPWORXSRV
appworxsrvt	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>
tadm-over-ip	2142/tcp	TDM-OVER-IP
tadm-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>
acptsyst	2149/tcp	ACPTSYS
acptsyst	2149/udp	ACPTSYS
#		Michael Lekias <admin@psdesign.com.au>
dynamic3d	2150/tcp	DYNAMIC3D
dynamic3d	2150/udp	DYNAMIC3D
#		Tobias Wegner <wegner@novagate.de>
docent	2151/tcp	DOCENT
docent	2151/udp	DOCENT
#		Hali Lindbloom <halil@docent.com>
gtp-user	2152/tcp	GTP-User Plane (3GPP)
gtp-user	2152/udp	GTP-User Plane (3GPP)
#		Alessio Casati <a.casati@computer.org>
#	2153-2158	Unassigned
gdbremote	2159/tcp	GDB Remote Debug Port
gdbremote	2159/udp	GDB Remote Debug Port
#		Nigel Stephens <nigel@algor.co.uk>
apc-2160	2160/tcp	APC 2160
apc-2160	2160/udp	APC 2160
#		American Power Conversion <ports@apcc.com>
apc-2161	2161/tcp	APC 2161
apc-2161	2161/udp	APC 2161
#		American Power Conversion <ports@apcc.com>
navisphere	2162/tcp	Navisphere
navisphere	2162/udp	Navisphere
navisphere-sec	2163/tcp	Navisphere Secure
navisphere-sec	2163/udp	Navisphere Secure
#		Andreas Bauer <bauer_andreas@emc.com>
ddns-v3	2164/tcp	Dynamic DNS Version 3
ddns-v3	2164/udp	Dynamic DNS Version 3
#		Alan Yates <alany@ay.com.au>
x-bone-api	2165/tcp	X-Bone API

x-bone-api	2165/udp	X-Bone API
#		Joe Touch <touch@isi.edu>
iwserver	2166/tcp	iwserver
iwserver	2166/udp	iwserver
#		Fred Surr <quest_iana@oz.quest.com>
raw-serial	2167/tcp	Raw Async Serial Link
raw-serial	2167/udp	Raw Async Serial Link
#		Benjamin Green <ben@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 <admin@corvedia.com>
#	2182-2189	Unassigned
tivoconnect	2190/tcp	TiVoConnect Beacon
tivoconnect	2190/udp	TiVoConnect Beacon
#		Jeffrey J. Peters <jpeters@tivo.com> August 2002
tvbus	2191/tcp	TvBus Messaging
tvbus	2191/udp	TvBus Messaging
#		Brian W. Beach <brian@tivo.com> January 2003
#	2192-2199	Unassigned
ici	2200/tcp	ICI
ici	2200/udp	ICI
#		Brent Hines <brent.hines@unisys.com>
ats	2201/tcp	Advanced Training System Program
ats	2201/udp	Advanced Training System Program
#		(Need contact info)
imtc-map	2202/tcp	Int. Multimedia Teleconferencing Consortium
imtc-map	2202/udp	Int. Multimedia Teleconferencing Consortium
#		Pat Galvin <pgalvin@databeam.com>
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-2260	2260/tcp	APC 2260
apc-2260	2260/udp	APC 2260
#		American Power Conversion <ports@apcc.com> February 2002
#	2261-2265	Unassigned
mfserver	2266/tcp	M-Files Server
mfserver	2266/udp	M-files Server
#		Samppa Lahtinen <samppa.lahtinen@motivesys.com>, June 2004
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@hp.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
#		Jeurgan 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 Osborn <kosborn@snapappliance.com>
ace-client	2334/tcp	ACE Client Auth
ace-client	2334/udp	ACE Client Auth
ace-proxy	2335/tcp	ACE Proxy
ace-proxy	2335/udp	ACE Proxy
#		Riaz Zolfonoon <rzolfonoon@securitydynamics.com>
appleugcontrol	2336/tcp	Apple UG Control
appleugcontrol	2336/udp	Apple UG Control
#		Gene Tyacke <gene@apple.com>
ideesrv	2337/tcp	ideesrv
ideesrv	2337/udp	ideesrv
#		Marazzi <fmarazzi@ideetique.com>
norton-lambert	2338/tcp	Norton Lambert
norton-lambert	2338/udp	Norton Lambert
#		Richard de Mornay <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
#		Anthony Roach <anthony.roach@ni.com>
fcmsys	2344/tcp	fcmsys
fcmsys	2344/udp	fcmsys
dbm	2345/tcp	dbm
dbm	2345/udp	dbm
#		Dean Robson <dean.robson@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>
tll	2361/tcp	TL1
tll	2361/udp	TL1
#		Charles Scott Roberson <chip@cerent.com>
digiman	2362/tcp	digiman
digiman	2362/udp	digiman
#		Aaron S. Kurland <akurland@netsilicon.com>
mediacntrlnfspd	2363/tcp	Media Central NFSD
mediacntrlnfspd	2363/udp	Media Central NFSD
#		shivakumar s. govindarajapuram <shivak@eng.sun.com>
oi-2000	2364/tcp	OI-2000
oi-2000	2364/udp	OI-2000
#		Software Horizons Inc. <oi2000@shorizons.com>
dbref	2365/tcp	dbref
dbref	2365/udp	dbref
#		Yoshihiro Yamazaki <yamazaki@ael.fujitsu.co.jp>
qip-login	2366/tcp	qip-login
qip-login	2366/udp	qip-login
#		Mike Morgan <mmorgan@lucent.com>
service-ctrl	2367/tcp	Service Control
service-ctrl	2367/udp	Service Control
#		Humberto Sanchez <Humberto_Sanchez@hp.com>
opentable	2368/tcp	OpenTable
opentable	2368/udp	OpenTable
#		Brett Goldstein <bgoldstein@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@hp.com>
ms-olap3	2382/tcp	Microsoft OLAP
ms-olap3	2382/udp	Microsoft OLAP
ms-olap4	2383/tcp	Microsoft OLAP
ms-olap4	2383/udp	Microsoft OLAP
#		Mosha Pasumansky <moshap@microsoft.com>
sd-request	2384/tcp	SD-REQUEST
sd-capacity	2384/udp	SD-CAPACITY
#		Jason McManus <jasonm@sleepdep.net>
sd-data	2385/tcp	SD-DATA
sd-data	2385/udp	SD-DATA
#		Jason McManus <jasonm@sleepdep.net>
virtualtape	2386/tcp	Virtual Tape
virtualtape	2386/udp	Virtual Tape

vsamredirector	2387/tcp	VSAM Redirector
vsamredirector	2387/udp	VSAM Redirector
#		Ingo Franzki <ifranzki@de.ibm.com>
mynahautostart	2388/tcp	MYNAH AutoStart
mynahautostart	2388/udp	MYNAH AutoStart
#		Thomas J. Klehr <tklehr@telcordia.com>
ovsessionmgr	2389/tcp	OpenView Session Mgr
ovsessionmgr	2389/udp	OpenView Session Mgr
#		Eric Pulsipher <eric_pulsipher@hp.com>
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_maeckel@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>
iec-104	2404/tcp	IEC 60870-5-104 process control over IP
iec-104	2404/udp	IEC 60870-5-104 process control over IP
#		Walter K. Eichelburg <walter.eichelburg@sat-automation.com>
trc-netpoll	2405/tcp	TRC Netpoll
trc-netpoll	2405/udp	TRC Netpoll
#		Bizhan Ghavami <ghavami@telcores.com>
jediserver	2406/tcp	JediServer
jediserver	2406/udp	JediServer
#		Paul McEntire <paul.mcentire@columbiasc.ncr.com>
orion	2407/tcp	Orion
orion	2407/udp	Orion
#		Matthew Horoschun <mhoroschun@canprint.com.au>
optimanet	2408/tcp	OptimaNet
optimanet	2408/udp	OptimaNet
#		John Graham-Cumming <jgc@optimal.com>
sns-protocol	2409/tcp	SNS Protocol
sns-protocol	2409/udp	SNS Protocol
#		Amir Blich <amir@netmanage.co.il>
vrts-registry	2410/tcp	VRTS Registry
vrts-registry	2410/udp	VRTS Registry
#		Pranay Varma <pran@veritas.com>
netwave-ap-mgmt	2411/tcp	Netwave AP Management
netwave-ap-mgmt	2411/udp	Netwave AP Management
#		Johnny Zweig <zweig@netwave-wireless.com>
cdn	2412/tcp	CDN
cdn	2412/udp	CDN
#		Alan Noble <noble@netmind.com>
orion-rmi-reg	2413/tcp	orion-rmi-reg
orion-rmi-reg	2413/udp	orion-rmi-reg

#		J.S. Greenfield <greeny@us.ibm.com>
beeyond	2414/tcp	Beeyond
beeyond	2414/udp	Beeyond
#		Bob Deblrier <bob@virtualunlimited.com>
codima-rtp	2415/tcp	Codima Remote Transaction Protocol
codima-rtp	2415/udp	Codima Remote Transaction Protocol
#		Sylvia Ross <sross@codimatech.com>
rmtserver	2416/tcp	RMT Server
rmtserver	2416/udp	RMT Server
#		Yvon Marineau <yvon@simware.com>
composit-server	2417/tcp	Composit Server
composit-server	2417/udp	Composit Server
#		Katsuaki Naoi <naoi@pfu.co.jp>
cas	2418/tcp	cas
cas	2418/udp	cas
#		Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
attachmate-s2s	2419/tcp	Attachmate S2S
attachmate-s2s	2419/udp	Attachmate S2S
#		Chris Rominski <ChrisRom@attachmate.com>
dslremote-mgmt	2420/tcp	DSL Remote Management
dslremote-mgmt	2420/udp	DSL Remote Management
#		Westell, Inc. <jronk@westell.com>
g-talk	2421/tcp	G-Talk
g-talk	2421/udp	G-Talk
#		Matt Hammond <matt_hammond@four-sight.co.uk>
crmsbits	2422/tcp	CRMSBITS
crmsbits	2422/udp	CRMSBITS
#		Rod Ward <RWard@vaccmell.telstra.com.au>
rnrp	2423/tcp	RNRP
rnrp	2423/udp	RNRP
#		Per Sahlqvist <psahlqvi@sw.seisy.abb.se>
kofax-svr	2424/tcp	KOFAX-SVR
kofax-svr	2424/udp	KOFAX-SVR
#		Terry Reagan <treagan@kofax.com>
fjitsuappmgr	2425/tcp	Fujitsu App Manager
fjitsuappmgr	2425/udp	Fujitsu App Manager
#		Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
#	2426	Unassigned (Removed 2002-04-29)
mgcp-gateway	2427/tcp	Media Gateway Control Protocol Gateway
mgcp-gateway	2427/udp	Media Gateway Control Protocol Gateway
#		Christian Huitema <huitema@research.telcordia.com>
ott	2428/tcp	One Way Trip Time
ott	2428/udp	One Way Trip Time
#		Greg Troxel <gdt@ir.bbn.com>
ft-role	2429/tcp	FT-ROLE
ft-role	2429/udp	FT-ROLE
#		Doug Boone <dboone@atg.CLR.com>
venus	2430/tcp	venus
venus	2430/udp	venus
venus-se	2431/tcp	venus-se
venus-se	2431/udp	venus-se
codasrv	2432/tcp	codasrv
codasrv	2432/udp	codasrv
codasrv-se	2433/tcp	codasrv-se
codasrv-se	2433/udp	codasrv-se
#		Robert Watson <robert@cyrus.watson.org>
pxc-epmap	2434/tcp	pxc-epmap
pxc-epmap	2434/udp	pxc-epmap
#		Jun Nakamura <jnakamur@cp10.es.xerox.com>
optilogic	2435/tcp	OptiLogic
optilogic	2435/udp	OptiLogic
#		Clark Williams <clark@wirespeed.com>
topx	2436/tcp	TOP/X
topx	2436/udp	TOP/X
#		Dragos Pop <dragos@cs.ubbcluj.ro>
unicontrol	2437/tcp	UniControl
unicontrol	2437/udp	UniControl
#		Ing. Markus Huemer <markus.huemer@hsd.at>
mSP	2438/tcp	MSP
mSP	2438/udp	MSP
#		Evan Caves <evan@acc.com>
sybasedbsynch	2439/tcp	SybaseDBSynch
sybasedbsynch	2439/udp	SybaseDBSynch
#		Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
spearway	2440/tcp	Spearway Lockers
spearway	2440/udp	Spearway Lockers
#		Pierre Frisch <Pierre.Frisch@spearway.com>
pvsW-inet	2441/tcp	Pervasive I*net Data Server



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pvsw-inet      2441/udp   Pervasive I*net Data Server
#              Chuck Talk <ctalk@pervasive.com>
netangel       2442/tcp   Netangel
netangel       2442/udp   Netangel
#              Ladislav Baranyay <identcod@identcode.sk>
powerclientcsf 2443/tcp   PowerClient Central Storage Facility
powerclientcsf 2443/udp   PowerClient Central Storage Facility
#              Brian Klassen <Brian.Klassen@Unisys.com>
btp2sectrans  2444/tcp   BT PP2 Sectrans
btp2sectrans  2444/udp   BT PP2 Sectrans
#              Ian Daniels <btexact.ports@bt.com>
dtn1           2445/tcp   DTN1
dtn1           2445/udp   DTN1
#              Bob Gaddie <bobg@dtm.com>
bues_service   2446/tcp   bues_service
bues_service   2446/udp   bues_service
#              Leonhard Diekmann
#              <diekmann@04.mstr02.telekom400.dbp.de>
ovwdb          2447/tcp   OpenView NNM daemon
ovwdb          2447/udp   OpenView NNM daemon
#              Eric Pulsipher <eric_pulsipher@fc.hp.com>
hppspsvr      2448/tcp   hppspsvr
hppspsvr      2448/udp   hppspsvr
#              Bridgette Landers <blanders@boi.hp.com>
ratl           2449/tcp   RATL
ratl           2449/udp   RATL
#              Paul Greenfield <paul.greenfield@unisys.com>
netadmin       2450/tcp   netadmin
netadmin       2450/udp   netadmin
netchat        2451/tcp   netchat
netchat        2451/udp   netchat
#              Julian Mehnle <julian@mehnle.net>
snifferclient  2452/tcp   SnifferClient
snifferclient  2452/udp   SnifferClient
#              Amy Weaver <amy_weaver@nai.com>
madge-ltd      2453/tcp   madge ltd
madge-ltd      2453/udp   madge ltd
#              Mark Lyall <mark.lyall@madge.com>
indx-dds       2454/tcp   IndX-DDS
indx-dds       2454/udp   IndX-DDS
#              Paul Carmichael <paulcarmichael@indx.net>
wago-io-system 2455/tcp   WAGO-IO-SYSTEM
wago-io-system 2455/udp   WAGO-IO-SYSTEM
#              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 <akucer@microsoft.com>
qadmifoper     2461/tcp   qadmifoper
qadmifoper     2461/udp   qadmifoper
qadmifevent    2462/tcp   qadmifevent
qadmifevent    2462/udp   qadmifevent
#              Pekka Takaranta <pekka.takaranta@tellabs.fi>
symbios-raid   2463/tcp   Symbios Raid
symbios-raid   2463/udp   Symbios Raid
#              Bill Delaney <bill.delaney@symbios.com>
direcpc-si     2464/tcp   DirecPC SI
direcpc-si     2464/udp   DirecPC SI
#              Doug Dillon <dillon@hns.com>
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>

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qip-msgd	2468/tcp	qip_msgd
qip-msgd	2468/udp	qip_msgd
#		Mike Morgan <mmorgan@lucent.com>
mti-tcs-comm	2469/tcp	MTI-TCS-COMM
mti-tcs-comm	2469/udp	MTI-TCS-COMM
#		Mario Bonin <boninm@microtempus.com>
taskman-port	2470/tcp	taskman port
taskman-port	2470/udp	taskman port
#		Boris Panteleev <bpanteleev@himel.com>
seaodbc	2471/tcp	SeaODBC
seaodbc	2471/udp	SeaODBC
#		Adrian Hornby <Adrian.Hornby@aran.co.uk>
c3	2472/tcp	C3
c3	2472/udp	C3
#		Eckhard Grieger <e.grieger@com-on.de>
aker-cdp	2473/tcp	Aker-cdp
aker-cdp	2473/udp	Aker-cdp
#		Rodrigo Ormonde <ormonde@aker.com.br>
vitalanalysis	2474/tcp	Vital Analysis
vitalanalysis	2474/udp	Vital Analysis
#		Srinivas Reddy <sreddy@vitalsigns.com>
ace-server	2475/tcp	ACE Server
ace-server	2475/udp	ACE Server
ace-svr-prop	2476/tcp	ACE Server Propagation
ace-svr-prop	2476/udp	ACE Server Propagation
ssm-cvs	2477/tcp	SecurSight Certificate Valifation Service
ssm-cvs	2477/udp	SecurSight Certificate Valifation Service
ssm-cssps	2478/tcp	SecurSight Authentication Server (SSL)
ssm-cssps	2478/udp	SecurSight Authentication Server (SSL)
ssm-els	2479/tcp	SecurSight Event Logging Server (SSL)
ssm-els	2479/udp	SecurSight Event Logging Server (SSL)
#		John Linn <jlinn@securitydynamics.com>
lingwood	2480/tcp	Lingwood's Detail
lingwood	2480/udp	Lingwood's Detail
#		Dave Richmond <dritchmond@striva.com>
giop	2481/tcp	Oracle GIOP
giop	2481/udp	Oracle GIOP
giop-ssl	2482/tcp	Oracle GIOP SSL
giop-ssl	2482/udp	Oracle GIOP SSL
ttc	2483/tcp	Oracle TTC
ttc	2483/udp	Oracle TTC
ttc-ssl	2484/tcp	Oracle TTC SSL
ttc-ssl	2484/udp	Oracle TTC SSL
#		Chandar Venkataraman <CVENKATA@us.oracle.com>
netobjects1	2485/tcp	Net Objects1
netobjects1	2485/udp	Net Objects1
netobjects2	2486/tcp	Net Objects2
netobjects2	2486/udp	Net Objects2
#		Francois Granade <francois@netobjects.com>
pns	2487/tcp	Policy Notice Service
pns	2487/udp	Policy Notice Service
#		Akiyoshi Ochi <akiyoshi@net.paso.fujitsu.co.jp>
moy-corp	2488/tcp	Moy Corporation
moy-corp	2488/udp	Moy Corporation
#		Gang Gong Moy
tsilb	2489/tcp	TSILB
tsilb	2489/udp	TSILB
#		James Irwin <jimi@travsoft.com>
qip-qdhcp	2490/tcp	qip_qdhcp
qip-qdhcp	2490/udp	qip_qdhcp
#		Mike Morgan <mmorgan@lucent.com>
conclave-cpp	2491/tcp	Conclave CPP
conclave-cpp	2491/udp	Conclave CPP
#		Larry Lipstone <lrl@interdyn.com>
groove	2492/tcp	GROOVE
groove	2492/udp	GROOVE
#		Ray Ozzie <ray@rocks.net>
talarian-mqs	2493/tcp	Talarian MQS
talarian-mqs	2493/udp	Talarian MQS
#		Jim Stabile <jstabile@talarian.com>
bmc-ar	2494/tcp	BMC AR
bmc-ar	2494/udp	BMC AR
#		Shelia Childs <sheila_childs@bmc.com>
fast-rem-serv	2495/tcp	Fast Remote Services
fast-rem-serv	2495/udp	Fast Remote Services
#		Scott St. Clair <stclair@NTC.ADAPTEC.com>
dirgis	2496/tcp	DIRGIS
dirgis	2496/udp	DIRGIS

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# 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>
# 2505      Removed (2002-06-14)
jbroker      2506/tcp  jbroker
jbroker      2506/udp  jbroker
# Rohit Garg <rohit@objectScape.com>
spock        2507/tcp  spock
spock        2507/udp  spock
# Jon A. Christopher <jac8792@tamu.edu>
jdatastore   2508/tcp  JDataStore
jdatastore   2508/udp  JDataStore
# Tod Landis <tlandis@inprise.com>
fjmpss       2509/tcp  fjmpss
fjmpss       2509/udp  fjmpss
# Makoto Watanabe <makoto@saint.nm.fujitsu.co.jp>
fjappmgrbulk 2510/tcp  fjappmgrbulk
fjappmgrbulk 2510/udp  fjappmgrbulk
# Hiroyuki Kawabuchi <buchi@ael.fujitsu.co.jp>
metastorm    2511/tcp  Metastorm
metastorm    2511/udp  Metastorm
# Eric Isom <eisom@metastorm.com>
citrixima    2512/tcp  Citrix IMA
citrixima    2512/udp  Citrix IMA
citrixadmin  2513/tcp  Citrix ADMIN
citrixadmin  2513/udp  Citrix ADMIN
# Myk Willis <myk.willis@citrix.com>
facsys-ntp   2514/tcp  Facsys NTP
facsys-ntp   2514/udp  Facsys NTP
facsys-router 2515/tcp  Facsys Router
facsys-router 2515/udp  Facsys Router
# Jeff Hoffman <jeffh@facsys.com>
maincontrol  2516/tcp  Main Control
maincontrol  2516/udp  Main Control
# Nathan Sadia <sadia@maincontrol.com>
call-sig-trans 2517/tcp  H.323 Annex E call signaling transport
call-sig-trans 2517/udp  H.323 Annex E call signaling transport
# Gur Kimchi <gur.kimchi@vocaltec.com>
willy        2518/tcp  Willy
willy        2518/udp  Willy
# Carl-Johan Wik <cjw@hudsmoar.com>
globmsgsvc   2519/tcp  globmsgsvc
globmsgsvc   2519/udp  globmsgsvc
# David Wiltz <dwiltz@hf.intel.com>
pvsw         2520/tcp  Pervasive Listener
pvsw         2520/udp  Pervasive Listener
# Chuck Talk <ctalk@pervasive.com>
adaptecmgr   2521/tcp  Adaptec Manager
adaptecmgr   2521/udp  Adaptec Manager
# Mark Parenti <map@ntc.adaptec.com>
windb        2522/tcp  WinDb
windb        2522/udp  WinDb
# Larry Traylor <larry@arium.com>
qke-llc-v3   2523/tcp  Qke LLC V.3

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qke-llc-v3	2523/udp	Qke LLC V.3
#		Joerg Niehoff <joerg.niehoff@alcatel-ke.de>
optiwave-lm	2524/tcp	Optiwave License Management
optiwave-lm	2524/udp	Optiwave License Management
#		Slawomir Krzesinski <slavek@optiwave.com>
ms-v-worlds	2525/tcp	MS V-Worlds
ms-v-worlds	2525/udp	MS V-Worlds
#		Pete Wong <petewong@microsoft.com>
ema-sent-lm	2526/tcp	EMA License Manager
ema-sent-lm	2526/udp	EMA License Manager
#		Thaddeus Perala <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>
btp2audctrl	2536/tcp	btp2audctrl
btp2audctrl	2536/udp	btp2audctrl
#		Ian Daniels <btexact.ports@bt.com>
upgrade	2537/tcp	Upgrade Protocol
upgrade	2537/udp	Upgrade Protocol
#		Breck Auten <bauten@dst-inc.com>
vnwk-prapi	2538/tcp	vnwk-prapi
vnwk-prapi	2538/udp	vnwk-prapi
#		John Hasselkus <Jhasselkus@VisualNetworks.com>
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 Presenter
davinci	2542/udp	daVinci Presenter
#		b-novative GmbH <info@b-novative.com>
reftek	2543/tcp	REFTEK
reftek	2543/udp	REFTEK
#		Robert Banfill <r.banfill@reftek.com>
novell-zen	2544/tcp	Novell ZEN
novell-zen	2544/udp	Novell ZEN
#		Randy Cook <RACOOK@novell.com>
sis-emt	2545/tcp	sis-emt
sis-emt	2545/udp	sis-emt
#		Bill Crawford <Bill.Crawford@securicor.co.uk>
vytalvaultbrtp	2546/tcp	vytalvaultbrtp
vytalvaultbrtp	2546/udp	vytalvaultbrtp
vytalvaultvsmp	2547/tcp	vytalvaultvsmp
vytalvaultvsmp	2547/udp	vytalvaultvsmp
vytalvaultpipe	2548/tcp	vytalvaultpipe
vytalvaultpipe	2548/udp	vytalvaultpipe
#		Tim Boldt <timb@vytalnet.com>
ipass	2549/tcp	IPASS
ipass	2549/udp	IPASS
#		Michael Fischer <otterley@Pass.COM>
ads	2550/tcp	ADS

ads	2550/udp	ADS
#		Michael O'Connor <moconnor@adobe.com>
isg-uda-server	2551/tcp	ISG UDA Server
isg-uda-server	2551/udp	ISG UDA Server
#		Dror Harari <Dror.Harari@isgsoft.com>
call-logging	2552/tcp	Call Logging
call-logging	2552/udp	Call Logging
#		Dean Webb <dean.webb@ascend.com>
efidiningport	2553/tcp	efidiningport
efidiningport	2553/udp	efidiningport
#		Lynn Carter <carterl@execpc.com>
vcnet-link-v10	2554/tcp	VCnet-Link v10
vcnet-link-v10	2554/udp	VCnet-Link v10
#		Csaba Mate <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>
pclmultimedia	2558/tcp	PCL Multi Media
pclmultimedia	2558/udp	PCL Multi Media
#		Jacob Gsoedl <jgsoedl@pinnaclesys.com>
lstp	2559/tcp	LSTP
lstp	2559/udp	LSTP
#		Waiki Wright <waiki@us.ibm.com>
labrat	2560/tcp	labrat
labrat	2560/udp	labrat
#		John Harvey <johnbob@austin.ibm.com>
mosaixcc	2561/tcp	MosaixCC
mosaixcc	2561/udp	MosaixCC
#		Steven Frare <stevefr@mosaix.com>
delibo	2562/tcp	Delibo
delibo	2562/udp	Delibo
#		NovaWiz LTD <Moshe@Novawiz.com>
cti-redwood	2563/tcp	CTI Redwood
cti-redwood	2563/udp	CTI Redwood
#		Songwon Chi <swchi@daou.co.kr>
hp-3000-telnet	2564/tcp	HP 3000 NS/VT block mode telnet
#		
coord-svr	2565/tcp	Coordinator Server
coord-svr	2565/udp	Coordinator Server
#		Richard Steiger <steiger@ensemblesoft.com>
pcs-pcw	2566/tcp	pcs-pcw
pcs-pcw	2566/udp	pcs-pcw
#		W. Jordan Fitzhugh <jfitz@pcare.com>
clp	2567/tcp	Cisco Line Protocol
clp	2567/udp	Cisco Line Protocol
#		Susan Hinrichs <shinrich@cisco.com>
spamtrap	2568/tcp	SPAM TRAP
spamtrap	2568/udp	SPAM TRAP
#		Chuck Bennett <chuck@benatong.com>
sonuscallsig	2569/tcp	Sonus Call Signal
sonuscallsig	2569/udp	Sonus Call Signal
#		Mark Garti <mgarti@sonusnet.com>
hs-port	2570/tcp	HS Port
hs-port	2570/udp	HS Port
#		Uri Doron <uri@il.netect.com>
cecsvc	2571/tcp	CECSVC
cecsvc	2571/udp	CECSVC
#		Roger Pao <rpao@corder-eng.com>
ibp	2572/tcp	IBP
ibp	2572/udp	IBP
#		Jonathan Downes <jonno@activ.net.au>
trustestablish	2573/tcp	Trust Establish
trustestablish	2573/udp	Trust Establish
#		Yosi Mass <yosimass@haifa.vnet.ibm.com>
blockade-bpsp	2574/tcp	Blockade BPSP
blockade-bpsp	2574/udp	Blockade BPSP
#		VP - Research & Development <development@blockade.com>
hl7	2575/tcp	HL7
hl7	2575/udp	HL7
#		Tim Jacobs
tclprodebugger	2576/tcp	TCL Pro Debugger
tclprodebugger	2576/udp	TCL Pro Debugger
scripticslsrvr	2577/tcp	Scriptics Lsrvr

scripticslsrvr	2577/udp	Scriptics Lsrvr
#		Brent Welch <welch@scriptics.com>
rvs-isdn-dcp	2578/tcp	RVS ISDN DCP
rvs-isdn-dcp	2578/udp	RVS ISDN DCP
#		Michael Zirpel <mbz@rvscom.com>
mpfoncl	2579/tcp	mpfoncl
mpfoncl	2579/udp	mpfoncl
#		Itaru Kimura <kimura@kel.fujitsu.co.jp>
tributary	2580/tcp	Tributary
tributary	2580/udp	Tributary
#		Louis Lu <LouisL@bristol.com>
argis-te	2581/tcp	ARGIS TE
argis-te	2581/udp	ARGIS TE
argis-ds	2582/tcp	ARGIS DS
argis-ds	2582/udp	ARGIS DS
#		John Legh-Page <john.legh-page@argis.com>
mon	2583/tcp	MON
mon	2583/udp	MON
#		Jim Trocki <trockij@transmeta.com>
cyaserv	2584/tcp	cyaserv
cyaserv	2584/udp	cyaserv
#		Morgan Jones <mwj@cyasolutions.com>
netx-server	2585/tcp	NETX Server
netx-server	2585/udp	NETX Server
netx-agent	2586/tcp	NETX Agent
netx-agent	2586/udp	NETX Agent
#		Brett Dolecheck <Dolecheck@IPMetrics.com>
masc	2587/tcp	MASC
masc	2587/udp	MASC
#		Pavlin Ivanov Radoslavov
#		<pavlin@catarina.usc.edu>
privilege	2588/tcp	Privilege
privilege	2588/udp	Privilege
#		Gil Hecht <GilH@aks.com>
quartus-tcl	2589/tcp	quartus tcl
quartus-tcl	2589/udp	quartus tcl
#		Subroto Datta <subrotod@altera.com>
idotdist	2590/tcp	idotdist
idotdist	2590/udp	idotdist
#		Jason Hunter <jthunter@invino.com>
maytagshuffle	2591/tcp	Maytag Shuffle
maytagshuffle	2591/udp	Maytag Shuffle
#		Ken Ksiazek <kksiazek@maytag.com>
netrek	2592/tcp	netrek
netrek	2592/udp	netrek
#		Al Guetzlaff aeg@teamquest.com>
mns-mail	2593/tcp	MNS Mail Notice Service
mns-mail	2593/udp	MNS Mail Notice Service
#		Rumiko Kikuta <kiku@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>
snapd	2599/tcp	Snap Discovery
snapd	2599/udp	Snap Discovery
#		Kevin Osborn <kosborn@snapappliance.com>
hpstgmgr	2600/tcp	HPSTGMGR
hpstgmgr	2600/udp	HPSTGMGR
#		Kevin Collins <kevinc@cnd.hp.com>
discp-client	2601/tcp	discp client
discp-client	2601/udp	discp client
discp-server	2602/tcp	discp server
discp-server	2602/udp	discp server
#		Peter White <peter_white@3com.com>
servicemeter	2603/tcp	Service Meter
servicemeter	2603/udp	Service Meter
#		Duncan Hare <Duncan.Hare@synoia.com>
nsc-ccs	2604/tcp	NSC CCS

nsc-ccs	2604/udp	NSC CCS
nsc-posa	2605/tcp	NSC POSA
nsc-posa	2605/udp	NSC POSA
#		Tom Findley <tom.findley@networksciences.net>
netmon	2606/tcp	Dell Netmon
netmon	2606/udp	Dell Netmon
connection	2607/tcp	Dell Connection
connection	2607/udp	Dell Connection
#		Sudhir Shetty <Sudhir_Shetty@Dell.com>
wag-service	2608/tcp	Wag Service
wag-service	2608/udp	Wag Service
#		Gilles Bourquard <gbo@wag.ch>
system-monitor	2609/tcp	System Monitor
system-monitor	2609/udp	System Monitor
#		Greg Robson-Garth <gregr@alphalink.com.au>
versa-tek	2610/tcp	VersaTek
versa-tek	2610/udp	VersaTek
#		James Kou <Jamesk@versatek.com>
lionhead	2611/tcp	LIONHEAD
lionhead	2611/udp	LIONHEAD
#		Tim Rance <trance@lionhead.co.uk>
qpasa-agent	2612/tcp	Qpasa Agent
qpasa-agent	2612/udp	Qpasa Agent
#		Craig Ching <cching@mqsoftware.com>
smntubootstrap	2613/tcp	SMNTUBootstrap
smntubootstrap	2613/udp	SMNTUBootstrap
#		Matt Cecile <mattc@metrics.com>
neveroffline	2614/tcp	Never Offline
neveroffline	2614/udp	Never Offline
#		Dustin Brand <amo@amo.net>
firepower	2615/tcp	firepower
firepower	2615/udp	firepower
#		Jason Volk <jason@teknidude.com>
appswitch-emp	2616/tcp	appswitch-emp
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	LMDP
lmdp	2623/udp	LMDP
#		Ken Bailey <kbailey@rockettalk.com>
aria	2624/tcp	Aria
aria	2624/udp	Aria
#		Logan Bruns <logan@andromedia.com>
blwnkl-port	2625/tcp	Blwnkl Port
blwnkl-port	2625/udp	Blwnkl Port
#		Weng Chin (Winson) Yung <Winson_Yung@3com.com>
gbjd816	2626/tcp	gbjd816
gbjd816	2626/udp	gbjd816
#		George Balesta <George.Baletsa@tfn.com>
moshebeeri	2627/tcp	Moshe Beeri
moshebeeri	2627/udp	Moshe Beeri
#		Moshe Beeri <moshe@whale-com.com>
dict	2628/tcp	DICT
dict	2628/udp	DICT
#		Rik Faith <faith@cs.unc.edu>
sitaraserver	2629/tcp	Sitara Server
sitaraserver	2629/udp	Sitara Server
sitarangmt	2630/tcp	Sitara Management
sitarangmt	2630/udp	Sitara Management
sitaradir	2631/tcp	Sitara Dir
sitaradir	2631/udp	Sitara Dir

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# 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
# NetPro Computing Inc. <ports@netpro.com>
ebinsite       2651/tcp      EBInSite
ebinsite       2651/udp      EBInSite
# Lefteris Kalamaras <lefteris@ebi.com>
interpathpanel 2652/tcp      InterPathPanel
interpathpanel 2652/udp      InterPathPanel
# Stephen Misel <steve.misel@interpath.net>
sonus          2653/tcp      Sonus
sonus          2653/udp      Sonus
# Mark Garti <mgarti@sonusnet.com>
corel_vncadmin 2654/tcp      Corel VNC Admin
corel_vncadmin 2654/udp      Corel VNC Admin
# Oleg Noskov <olegn@corelcomputer.com>
unglue         2655/tcp      UNIX Nt Glue
unglue         2655/udp      UNIX Nt Glue
# Peter Santoro <peter@pscomp.com>
kana           2656/tcp      Kana
kana           2656/udp      Kana
# Colin Goldstein <Colin@kana.com>
sns-dispatcher 2657/tcp      SNS Dispatcher
sns-dispatcher 2657/udp      SNS Dispatcher

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sns-admin	2658/tcp	SNS Admin
sns-admin	2658/udp	SNS Admin
sns-query	2659/tcp	SNS Query
sns-query	2659/udp	SNS Query
#		Mary Holstege <holstege@firstfloor.com>
gcmonitor	2660/tcp	GC Monitor
gcmonitor	2660/udp	GC Monitor
#		Gustavo Rodriguez-Rivera <grr@geodesic.com>
olhost	2661/tcp	OLHOST
olhost	2661/udp	OLHOST
#		Robert Ripberger <rip@lan-aces.com>
bintec-capi	2662/tcp	BinTec-CAPI
bintec-capi	2662/udp	BinTec-CAPI
bintec-tapi	2663/tcp	BinTec-TAPI
bintec-tapi	2663/udp	BinTec-TAPI
#		
patrol-mq-gm	2664/tcp	Patrol for MQ GM
patrol-mq-gm	2664/udp	Patrol for MQ GM
patrol-mq-nm	2665/tcp	Patrol for MQ NM
patrol-mq-nm	2665/udp	Patrol for MQ NM
#		Richard Nikula <richard_nikula@bmc.com>
extensis	2666/tcp	extensis
extensis	2666/udp	extensis
#		Milton Sagen <msagen@extensis.com>
alarm-clock-s	2667/tcp	Alarm Clock Server
alarm-clock-s	2667/udp	Alarm Clock Server
alarm-clock-c	2668/tcp	Alarm Clock Client
alarm-clock-c	2668/udp	Alarm Clock Client
toad	2669/tcp	TOAD
toad	2669/udp	TOAD
#		Michael Marking <marking@tatanka.com>
tve-announce	2670/tcp	TVE Announce
tve-announce	2670/udp	TVE Announce
#		Dean Blackketter <dean@corp.webtv.net>
newlixreg	2671/tcp	newlixreg
newlixreg	2671/udp	newlixreg
#		Jean-Serge Gagnon <jsg@newlix.com>
nhserver	2672/tcp	nhserver
nhserver	2672/udp	nhserver
#		Adrian Hornby <Adrian.Hornby@aran.co.uk>
firstcall42	2673/tcp	First Call 42
firstcall42	2673/udp	First Call 42
#		Luke Bowen <leb@tfn.com>
ewnn	2674/tcp	ewnn
ewnn	2674/udp	ewnn
#		Yasunari Yamashita <yamasita@omronsoft.co.jp>
ttc-etap	2675/tcp	TTC ETAP
ttc-etap	2675/udp	TTC ETAP
#		Daniel Becker <becker2d@ttc.com>
simslink	2676/tcp	SIMSLink
simslink	2676/udp	SIMSLink
#		Steve Ryckman <iana@simsware.com>
gadgetgatelway	2677/tcp	Gadget Gate 1 Way
gadgetgatelway	2677/udp	Gadget Gate 1 Way
gadgetgate2way	2678/tcp	Gadget Gate 2 Way
gadgetgate2way	2678/udp	Gadget Gate 2 Way
#		Matt Rollins <matt@internetgadgets.com>
syncserverssl	2679/tcp	Sync Server SSL
syncserverssl	2679/udp	Sync Server SSL
#		Dave Finnegan <dave@syncinc.com>
pxc-sapxom	2680/tcp	pxc-sapxom
pxc-sapxom	2680/udp	pxc-sapxom
#		Hideki Kiriya <kiriya@cpl0.es.xerox.com>
mpnjsomb	2681/tcp	mpnjsomb
mpnjsomb	2681/udp	mpnjsomb
#		Takenori Miyahara <miyahara@pfu.co.jp>
#	2682	Removed (2002-04-30)
ncdloadbalance	2683/tcp	NCDLoadBalance
ncdloadbalance	2683/udp	NCDLoadBalance
#		Tim Stevenson <tes@ncd.com>
mpnjsosv	2684/tcp	mpnjsosv
mpnjsosv	2684/udp	mpnjsosv
mpnjsocl	2685/tcp	mpnjsocl
mpnjsocl	2685/udp	mpnjsocl
mpnjsomg	2686/tcp	mpnjsomg
mpnjsomg	2686/udp	mpnjsomg
#		Takenori Miyahara <miyahara@pfu.co.jp>
pq-lic-mgmt	2687/tcp	pq-lic-mgmt

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pq-lic-mgmt      2687/udp    pq-lic-mgmt
#               Bob Sledge <bob@pqsystems.com>
md-cg-http      2688/tcp    md-cf-http
md-cg-http      2688/udp    md-cf-http
#               Lyndon Nerenberg <lyndon@execmail.ca>
fastlynx        2689/tcp    FastLynx
fastlynx        2689/udp    FastLynx
#               Dave Sewell <dave@sewelldev.com>
hp-nnm-data     2690/tcp    HP NNM Embedded Database
hp-nnm-data     2690/udp    HP NNM Embedded Database
#               Chris Das <cdas@cnd.hp.com>
itinternet      2691/tcp    ITInternet ISM Server
itinternet      2691/udp    ITInternet ISM Server
#               Ron Ehli <ron@itinternet.net>
admins-lms      2692/tcp    Admins LMS
admins-lms      2692/udp    Admins LMS
#               Dagfinn Saether <Dagfinn@admins.com>
#               2693/tcp    Unassigned (Removed 2004-2-6)
#               2693/udp
#
pwrsevent       2694/tcp    pwrsevent
pwrsevent       2694/udp    pwrsevent
#               Yoshinobu Nakamura
#               <nakamura@np.lps.cs.fujitsu.co.jp>
vspread         2695/tcp    VSPREAD
vspread         2695/udp    VSPREAD
#               Sumitake kobayashi
#               <kobayashi@np.lps.cs.fujitsu.co.jp>
unifyadmin      2696/tcp    Unify Admin
unifyadmin      2696/udp    Unify Admin
#               Duane Gibson <ianaportmaster@unify.com>
oce-snmpt-trap  2697/tcp    Oce SNMP Trap Port
oce-snmpt-trap  2697/udp    Oce SNMP Trap Port
#               Peter Teeuwen <ptee@oce.nl>
mck-ivpip       2698/tcp    MCK-IVPIP
mck-ivpip       2698/udp    MCK-IVPIP
#               Robert Vincent <bert@mck.com>
csoft-plusclnt  2699/tcp    Csoft Plus Client
csoft-plusclnt  2699/udp    Csoft Plus Client
#               Nedelcho Stanev <nstanev@csoft.bg>
tqdata          2700/tcp    tqdata
tqdata          2700/udp    tqdata
#               Al Guetzlaff <aeg@teamquest.com>
sms-rcinfo      2701/tcp    SMS RCINFO
sms-rcinfo      2701/udp    SMS RCINFO
sms-xfer         2702/tcp    SMS XFER
sms-xfer         2702/udp    SMS XFER
sms-chat        2703/tcp    SMS CHAT
sms-chat        2703/udp    SMS CHAT
sms-remctrl     2704/tcp    SMS REMCTRL
sms-remctrl     2704/udp    SMS REMCTRL
#               Tom Friend <tomfr@microsoft.com>
sds-admin       2705/tcp    SDS Admin
sds-admin       2705/udp    SDS Admin
#               Don Traub <don.traub@sun.com>
ncdmirroring    2706/tcp    NCD Mirroring
ncdmirroring    2706/udp    NCD Mirroring
#               Tim Stevenson <tes@ncd.com>
emcsymapiport   2707/tcp    EMCSYMAPIPORT
emcsymapiport   2707/udp    EMCSYMAPIPORT
#               Bruce Ferjulian <ferjulian_bruce@emc.com>
banyan-net      2708/tcp    Banyan-Net
banyan-net      2708/udp    Banyan-Net
#               R. Thirumurthy <rtm@banyannetworks.com>
supermon        2709/tcp    Supermon
supermon        2709/udp    Supermon
#               Ron Minnich <rminnich@acl.lanl.gov>
sso-service     2710/tcp    SSO Service
sso-service     2710/udp    SSO Service
sso-control     2711/tcp    SSO Control
sso-control     2711/udp    SSO Control
#               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

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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
#		Geoffry 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
#		Cristian Petculescu <crisp@microsoft.com>
tams	2726/tcp	TAMS
tams	2726/udp	TAMS
#		David Leinbach <dleinbach@jti.bc.ca>
mgcp-callagent	2727/tcp	Media Gateway Control Protocol Call Agent
mgcp-callagent	2727/udp	Media Gateway Control Protocol Call Agent
#		Christian Huitema <huitema@research.telcordia.com>
sqdr	2728/tcp	SQDR
sqdr	2728/udp	SQDR
#		Matthew Orzen <standards@starquest.com>
tcim-control	2729/tcp	TCIM Control
tcim-control	2729/udp	TCIM Control
#		Dean Skelton <mdskel@ftw.rsc.raytheon.com>
nec-raidplus	2730/tcp	NEC RaidPlus
nec-raidplus	2730/udp	NEC RaidPlus
#		Yusuke Asai <yasai@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

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# Uriy Makasjuk <racer@bfpgru>
tsb 2741/tcp TSB
tsb 2741/udp TSB
tsb2 2742/tcp TSB2
tsb2 2742/udp TSB2
# Ashish Chatterjee
# <achatterjee@freeway.proxy.lucent.com>
murx 2743/tcp murx
murx 2743/udp murx
# Thomas Kuiper <tkuiper@inxsoft.net>
honyaku 2744/tcp honnyaku
honyaku 2744/udp honnyaku
# Yasunari Yamashita <yamasita@omronsoft.co.jp>
urbisnet 2745/tcp URBISNET
urbisnet 2745/udp URBISNET
# Urbis.Net Ltd <postmaster@urbis.net>
cpudpencap 2746/tcp CPUDPENCAP
cpudpencap 2746/udp CPUDPENCAP
# Tamir Zegman <zegman@checkpoint.com>
fjippol-swrly 2747/tcp
fjippol-swrly 2747/udp
fjippol-polsvr 2748/tcp
fjippol-polsvr 2748/udp
fjippol-cnsl 2749/tcp
fjippol-cnsl 2749/udp
fjippol-port1 2750/tcp
fjippol-port1 2750/udp
fjippol-port2 2751/tcp
fjippol-port2 2751/udp
# Shoichi Tachibana <tatibana@yk.fujitsu.co.jp>
rsisysaccess 2752/tcp RSISYS ACCESS
rsisysaccess 2752/udp RSISYS ACCESS
# Christophe Besant
de-spot 2753/tcp de-spot
de-spot 2753/udp de-spot
# Sanjay Parekh <spot@digitalenvoy.net>
apollo-cc 2754/tcp APOLLO CC
apollo-cc 2754/udp APOLLO CC
# Brand Communications <donovan@brandcomms.com>
expresspay 2755/tcp Express Pay
expresspay 2755/udp Express Pay
# Ben Higgins <bhiggins@netcom.ca>
simplement-tie 2756/tcp simplement-tie
simplement-tie 2756/udp simplement-tie
# Tzvika Chumash <tzvikac@netvision.net.il>
cnrp 2757/tcp CNRP
cnrp 2757/udp CNRP
# Jacob Ulmert <Jacob.Ulmert@se.abb.com>
apollo-status 2758/tcp APOLLO Status
apollo-status 2758/udp APOLLO Status
apollo-gms 2759/tcp APOLLO GMS
apollo-gms 2759/udp APOLLO GMS
# Simon Hovell <simonh@brandcomms.com>
sabams 2760/tcp Saba MS
sabams 2760/udp Saba MS
# Davoud Maha <dmaha@saba.com>
dicom-iscl 2761/tcp DICOM ISCL
dicom-iscl 2761/udp DICOM ISCL
dicom-tls 2762/tcp DICOM TLS
dicom-tls 2762/udp DICOM TLS
# Lawrence Tarbox <ltarbox@scr.siemens.com>
desktop-dna 2763/tcp Desktop DNA
desktop-dna 2763/udp Desktop DNA
# Jon Walker <jwalker@miramarsys.com>
data-insurance 2764/tcp Data Insurance
data-insurance 2764/udp Data Insurance
# Brent Irwin <birwin@standard.com>
qip-audup 2765/tcp qip-audup
qip-audup 2765/udp qip-audup
# Mike Morgan <mmorgan@lucent.com>
compaq-scp 2766/tcp Compaq SCP
compaq-scp 2766/udp Compaq SCP
# Ferruccio Barletta <ferruccio.barletta@compaq.com>
uadt 2767/tcp UADTC
uadt 2767/udp UADTC
uacs 2768/tcp UACS
uacs 2768/udp UACS
# Vishwas Lele <Vishwas_Lele@appliedis.com>

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exce	2769/tcp	eXcE	
exce	2769/udp	eXcE	
#			Norm Freedman <normfree@san.rr.com>
veronica	2770/tcp	Veronica	
veronica	2770/udp	Veronica	
#			Jonas Oberg <jonas@coyote.org>
vergencecm	2771/tcp	Vergence CM	
vergencecm	2771/udp	Vergence CM	
#			Mark Morwood <markm@sentillion.com>
auris	2772/tcp	auris	
auris	2772/udp	auris	
#			Francisco Saez Arance <fsaez@tid.es>
rbakcup1	2773/tcp	RBackup Remote Backup	
rbakcup1	2773/udp	RBackup Remote Backup	
rbakcup2	2774/tcp	RBackup Remote Backup	
rbakcup2	2774/udp	RBackup Remote Backup	
#			Rob Cosgrove <rob@alice.net>
smpp	2775/tcp	SMPP	
smpp	2775/udp	SMPP	
#			Owen Sullivan <owen.sullivan@aldiscon.ie>
ridgeway1	2776/tcp	Ridgeway Systems & Software	
ridgeway1	2776/udp	Ridgeway Systems & Software	
ridgeway2	2777/tcp	Ridgeway Systems & Software	
ridgeway2	2777/udp	Ridgeway Systems & Software	
#			Steve Read <sread@ridgeway-sys.com>
gwen-sonya	2778/tcp	Gwen-Sonya	
gwen-sonya	2778/udp	Gwen-Sonya	
#			Mark Hurst <mhurst@inconnect.com>
lbc-sync	2779/tcp	LBC Sync	
lbc-sync	2779/udp	LBC Sync	
lbc-control	2780/tcp	LBC Control	
lbc-control	2780/udp	LBC Control	
#			Keiji Michine <michine@net.paso.fujitsu.co.jp>
whosells	2781/tcp	whosells	
whosells	2781/udp	whosells	
#			William Randolph Royere III <william@royere.net>
everydayrc	2782/tcp	everydayrc	
everydayrc	2782/udp	everydayrc	
#			Ahti Heinla <ahti@ahti.bluemoon.ee>
aises	2783/tcp	AISES	
aises	2783/udp	AISES	
#			Daniel Grazioli <dgrazioli@pgaero.co.uk>
www-dev	2784/tcp	world wide web - development	
www-dev	2784/udp	world wide web - development	
aic-np	2785/tcp	aic-np	
aic-np	2785/udp	aic-np	
#			Brad Parker <brad@american.com>
aic-oncrpc	2786/tcp	aic-oncrpc - Destiny MCD database	
aic-oncrpc	2786/udp	aic-oncrpc - Destiny MCD database	
#			Brad Parker <brad@american.com>
piccolo	2787/tcp	piccolo - Cornerstone Software	
piccolo	2787/udp	piccolo - Cornerstone Software	
#			Dave Bellivea <DaveBelliveau@corsof.com>
fryeserv	2788/tcp	NetWare Loadable Module - Seagate Software	
fryeserv	2788/udp	NetWare Loadable Module - Seagate Software	
#			Joseph LoPilato <Joseph_M_LoPilato@notes.seagate.com>
media-agent	2789/tcp	Media Agent	
media-agent	2789/udp	Media Agent	
#			Nitzan Daube <nitzan@brm.com>
plgproxy	2790/tcp	PLG Proxy	
plgproxy	2790/udp	PLG Proxy	
#			Charlie Hava <charlieh@aks.com>
mtport-regist	2791/tcp	MT Port Registrator	
mtport-regist	2791/udp	MT Port Registrator	
#			Maxim Tseitlin <mtseitlin@iname.com>
f5-globalsite	2792/tcp	f5-globalsite	
f5-globalsite	2792/udp	f5-globalsite	
#			Christian Saether <c.saether@f5.com>
initlmsad	2793/tcp	initlmsad	
initlmsad	2793/udp	initlmsad	
#			Kelly Green <green@compaq.com>
aaftp	2794/tcp	aaftp	
aaftp	2794/udp	aaftp	
#			E. Jay Berkenbilt <ejb@ql.org>
livestats	2795/tcp	LiveStats	
livestats	2795/udp	LiveStats	

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

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# Kit Haskins <kit@ka0wuc.org>
cgg-netlan 2823/tcp CQG Net/LAN
cgg-netlan 2823/udp CQG Net/LAN
cgg-netlan-1 2824/tcp CQG Net/LAN 1
cgg-netlan-1 2824/udp CQG Net/Lan 1
# Jeff Wood <jw@cgg.com>
# (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-expert 2840/tcp l3-expert
l3-expert 2840/udp l3-expert
l3-ranger 2841/tcp l3-ranger
l3-ranger 2841/udp l3-ranger
l3-hawk 2842/tcp l3-hawk
l3-hawk 2842/udp l3-hawk
# Dolores Scott <dolores.scott@l-3security.com>
pdnet 2843/tcp PDnet
pdnet 2843/udp PDnet
# Torsten Scheffler <pdnetadmin@pdnet.info>
bpcp-poll 2844/tcp BPCP POLL
bpcp-poll 2844/udp BPCP POLL
bpcp-trap 2845/tcp BPCP TRAP
bpcp-trap 2845/udp BPCP TRAP
# Steve Van Duser <steve.vanduser@bestpower.gensig.com>
aimpp-hello 2846/tcp AIMPP Hello
aimpp-hello 2846/udp AIMPP Hello
aimpp-port-req 2847/tcp AIMPP Port Req
aimpp-port-req 2847/udp AIMPP Port Req
# Brian Martinicky
# <Brian_Martinicky@automationintelligence.com>
amt-blc-port 2848/tcp AMT-BLC-PORT
amt-blc-port 2848/udp AMT-BLC-PORT
# Sandra Frulloni <frulloni.amtec@interbusiness.it>
fxp 2849/tcp FXP
fxp 2849/udp FXP
# Martin Lichtin <lichtin@oanda.com>
metaconsole 2850/tcp MetaConsole
metaconsole 2850/udp MetaConsole
# Rakesh Mahajan <rmahajan@netaphor-software.com>
webemshttp 2851/tcp webemshttp
webemshttp 2851/udp webemshttp
# Stephen Tsun <stsun@jetstream.com>
bears-01 2852/tcp bears-01

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bears-01	2852/udp	bears-01
#		Bruce McKinnon <brucemck@bears.aust.com>
ispipes	2853/tcp	ISPipes
ispipes	2853/udp	ISPipes
#		Rajesh Nandyalam <rnandyal@emc.com>
infomover	2854/tcp	InfoMover
infomover	2854/udp	InfoMover
#		Carla Caputo <caputo@emc.com>
cesdinv	2856/tcp	cesdinv
cesdinv	2856/udp	cesdinv
#		Yoshiaki Tokumoto <toku@pfu.co.jp>
simctlp	2857/tcp	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
#		<sskaflot@online.no>
#	2873	Unassigned (Removed 2003-07-23)
dxmessagebase1	2874/tcp	dxmessagebase1
dxmessagebase1	2874/udp	dxmessagebase1
dxmessagebase2	2875/tcp	dxmessagebase2
dxmessagebase2	2875/udp	dxmessagebase2
#		Ozz Nixon <root@delphix.com>
sps-tunnel	2876/tcp	SPS Tunnel
sps-tunnel	2876/udp	SPS Tunnel
#		Bill McIntosh <bmcintosh@fortresstech.com>
bluelance	2877/tcp	BLUELANCE
bluelance	2877/udp	BLUELANCE
#		Michael Padrezas <mpaderzas@bluelance.com>
aap	2878/tcp	AAP
aap	2878/udp	AAP
#		Stephen Hanna <steve.hanna@sun.com>
ucentric-ds	2879/tcp	ucentric-ds
ucentric-ds	2879/udp	ucentric-ds
#		Alex Vasilevsky <alexv@204.165.216.115>
synapse	2880/tcp	Synapse Transport



synapse	2880/udp	Synapse Transport
#		Ali Fracyon <sxdev@modulardreams.com>
ndsp	2881/tcp	NDSP
ndsp	2881/udp	NDSP
ndtp	2882/tcp	NDTP
ndtp	2882/udp	NDTP
ndnp	2883/tcp	NDNP
ndnp	2883/udp	NDNP
#		Khelben Blackstaff <khelben@gmx.at>
flashmsg	2884/tcp	Flash Msg
flashmsg	2884/udp	Flash Msg
#		Jeffrey Zinkerman <jeff@zinknet.com>
topflow	2885/tcp	TopFlow
topflow	2885/udp	TopFlow
#		Ted Ross <ross@toplayer.com>
responselogic	2886/tcp	RESPONSELOGIC
responselogic	2886/udp	RESPONSELOGIC
#		Bruce Casey <bcasey@responselogic.com>
aironetddp	2887/tcp	aironet
aironetddp	2887/udp	aironet
#		Victor Griswold <vgris@aironet.com>
spcsdlobby	2888/tcp	SPCSDLOBBY
spcsdlobby	2888/udp	SPCSDLOBBY
#		Matthew Williams <SPCsd_MWDD@hotmail.com>
rsom	2889/tcp	RSOM
rsom	2889/udp	RSOM
#		Justine Higgins <iana@corsof.com>
cspclmulti	2890/tcp	CSPCLMULTI
cspclmulti	2890/udp	CSPCLMULTI
#		Yoneda Terumasa <yonedat@pfu.co.jp>
cinegrfx-elmd	2891/tcp	CINEGRFX-ELMD License Manager
cinegrfx-elmd	2891/udp	CINEGRFX-ELMD License Manager
#		Greg Ercolano <erco@cinegrfx.com>
snifferdata	2892/tcp	SNIFFERDATA
snifferdata	2892/udp	SNIFFERDATA
#		Jeff Mangasarian <jeffrey_mangasarian@nai.com>
vseconnector	2893/tcp	VSECONNECTOR
vseconnector	2893/udp	VSECONNECTOR
#		Ingo Franzki <ifranzki@de.ibm.com>
abacus-remote	2894/tcp	ABACUS-REMOTE
abacus-remote	2894/udp	ABACUS-REMOTE
#		Mike Bello <mbello@zarak.com>
natuslink	2895/tcp	NATUS LINK
natuslink	2895/udp	NATUS LINK
#		Jonathan Mergy <mergy@natus.com>
ecovisiong6-1	2896/tcp	ECOVISIONG6-1
ecovisiong6-1	2896/udp	ECOVISIONG6-1
#		Henrik Holst <henrik.holst@ecovision.se>
citrix-rtmp	2897/tcp	Citrix RTMP
citrix-rtmp	2897/udp	Citrix RTMP
#		Myk Willis <myk.willis@citrix.com>
appliance-cfg	2898/tcp	APPLIANCE-CFG
appliance-cfg	2898/udp	APPLIANCE-CFG
#		Gary A. James <gary.james@criticallink.com>
powergemplus	2899/tcp	POWERGEMPLUS
powergemplus	2899/udp	POWERGEMPLUS
#		Koich Nakamura <naka@case.nm.fujitsu.co.jp>
quicksuite	2900/tcp	QUICKSUITE
quicksuite	2900/udp	QUICKSUITE
#		William Egge <begge@emagisoft.com>
allstorcns	2901/tcp	ALLSTORCNS
allstorcns	2901/udp	ALLSTORCNS
#		Steve Dobson <sdobson@allstor.com>
netaspi	2902/tcp	NET ASPI
netaspi	2902/udp	NET ASPI
#		Johnson Luo <johnson_luo@mail.sercomm.com.tw>
suitcase	2903/tcp	SUITCASE
suitcase	2903/udp	SUITCASE
#		Milton E. Sagen <msagen@extensis.com>
m2ua	2904/tcp	M2UA
m2ua	2904/udp	M2UA
m2ua	2904/sctp	M2UA
#		Lyndon Ong <LyOng@ciena.com>
m3ua	2905/tcp	M3UA
m3ua	2905/udp	De-registered (2001 June 07)
m3ua	2905/sctp	M3UA
#		Lyndon Ong <LyOng@ciena.com>
caller9	2906/tcp	CALLER9

caller9	2906/udp	CALLER9
#		Shams Naqi <SSNAQVI@aol.com>
webmethods-b2b	2907/tcp	WEBMETHODS B2B
webmethods-b2b	2907/udp	WEBMETHODS B2B
#		Joseph Hines <jhines@webmethods.com>
mao	2908/tcp	mao
mao	2908/udp	mao
#		Marc Baudoin <babafou@babafou.eu.org>
funk-dialout	2909/tcp	Funk Dialout
funk-dialout	2909/udp	Funk Dialout
#		Cimarron Boozer <cboozer@funk.com>
tdaccess	2910/tcp	TDAccess
tdaccess	2910/udp	TDAccess
#		Tom Haapanen <tomh@metrics.com>
blockade	2911/tcp	Blockade
blockade	2911/udp	Blockade
#		VP - Research & Development <development@blockade.com>
epicon	2912/tcp	Epicon
epicon	2912/udp	Epicon
#		Michael Khalandovsky <mlk@epicon.com>
boosterware	2913/tcp	Booster Ware
boosterware	2913/udp	Booster Ware
#		Ido Ben-David <dgntcom@netvision.net.il>
gamelobby	2914/tcp	Game Lobby
gamelobby	2914/udp	Game Lobby
#		Paul Ford-Hutchinson <paulfordh@uk.ibm.com>
tksocket	2915/tcp	TK Socket
tksocket	2915/udp	TK Socket
#		Alan Fahrner <alan@protix.com>
elvin_server	2916/tcp	Elvin Server
elvin_server	2916/udp	Elvin Server
elvin_client	2917/tcp	Elvin Client
elvin_client	2917/udp	Elvin Client
#		David Arnold <davida@pobox.com>
kastenchasepad	2918/tcp	Kasten Chase Pad
kastenchasepad	2918/udp	Kasten Chase Pad
#		Marc Gauthier <mgau@kastenchase.com>
roboer	2919/tcp	roboER
roboer	2919/udp	roboER
#		Paul Snook <paul.snook@itheon.com>
roboeda	2920/tcp	roboEDA
roboeda	2920/udp	roboEDA
#		Paul Snook <paul.snook@itheon.com>
cesdcman	2921/tcp	CESD Contents Delivery Management
cesdcman	2921/udp	CESD Contents Delivery Management
#		Shinya Abe <abeabe@pfu.co.jp>
cesdcdtrn	2922/tcp	CESD Contents Delivery Data Transfer
cesdcdtrn	2922/udp	CESD Contents Delivery Data Transfer
#		Shinya Abe <abeabe@pfu.co.jp>
wta-wsp-wtp-s	2923/tcp	WTA-WSP-WTP-S
wta-wsp-wtp-s	2923/udp	WTA-WSP-WTP-S
#		Sebastien Bury (WAP Forum)
#		<sebastien.bury@art.alcatel.fr>
precise-vip	2924/tcp	PRECISE-VIP
precise-vip	2924/udp	PRECISE-VIP
#		Michael Landwehr <mikel@precisesoft.co.il>
#	2925	Unassigned (FRP-Released 12/7/00)
mobile-file-dl	2926/tcp	MOBILE-FILE-DL
mobile-file-dl	2926/udp	MOBILE-FILE-DL
#		Mitsuji Toda <toda@mmedia.mci.mei.co.jp>
unimobilectrl	2927/tcp	UNIMOBILECTRL
unimobilectrl	2927/udp	UNIMOBILECTRL
#		Vikas <vikas@graycell.com>
redstone-cpss	2928/tcp	REDSTONE-CPSS
redstone-cpss	2928/udp	REDSTONE-CPSS
#		Jeff Looman <jeff@looman.org>
amx-webadmin	2929/tcp	AMX-WEBADMIN
amx-webadmin	2929/udp	AMX-WEBADMIN
#		Mike Morris <mike.morris@amx.com>
amx-weblinx	2930/tcp	AMX-WEBLINX
amx-weblinx	2930/udp	AMX-WEBLINX
#		Mike Morris <mike.morris@amx.com>
circle-x	2931/tcp	Circle-X
circle-x	2931/udp	Circle-X
#		Norm Freedman <normfree@worldnet.att.net>
incp	2932/tcp	INCP
incp	2932/udp	INCP
#		Keith Paulsen <kpaulsen@phobos.com>

4-tieropmgw	2933/tcp	4-TIER OPM GW
4-tieropmgw	2933/udp	4-TIER OPM GW
#		Francois Peloffy <fpeloffy@4tier.com>
4-tieropmcli	2934/tcp	4-TIER OPM CLI
4-tieropmcli	2934/udp	4-TIER OPM CLI
#		Francois Peloffy <fpeloffy@4tier.com>
qtp	2935/tcp	QTP
qtp	2935/udp	QTP
#		Cameron Young <Cameron_Young@inetco.com>
otpatch	2936/tcp	OTPatch
otpatch	2936/udp	OTPatch
#		Brett Goldstein <bgoldstein@opentable.com>
pnaconsult-lm	2937/tcp	PNACONSULT-LM
pnaconsult-lm	2937/udp	PNACONSULT-LM
#		Theo Nijssen <theon@nijssen.nl>
sm-pas-1	2938/tcp	SM-PAS-1
sm-pas-1	2938/udp	SM-PAS-1
sm-pas-2	2939/tcp	SM-PAS-2
sm-pas-2	2939/udp	SM-PAS-2
sm-pas-3	2940/tcp	SM-PAS-3
sm-pas-3	2940/udp	SM-PAS-3
sm-pas-4	2941/tcp	SM-PAS-4
sm-pas-4	2941/udp	SM-PAS-4
sm-pas-5	2942/tcp	SM-PAS-5
sm-pas-5	2942/udp	SM-PAS-5
#		Tom Haapanen <tomh@metrics.com>
ttnrepository	2943/tcp	TTNRepository
ttnrepository	2943/udp	TTNRepository
#		Robert Orr <rorrr@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 <fredik.haglund@boldsoft.com>

iph-policy-cli	2962/tcp	IPH-POLICY-CLI
iph-policy-cli	2962/udp	IPH-POLICY-CLI
iph-policy-adm	2963/tcp	IPH-POLICY-ADM
iph-policy-adm	2963/udp	IPH-POLICY-ADM
#		Shai Herzog <herzog@iphighway.com>
bullant-srap	2964/tcp	BULLANT SRAP
bullant-srap	2964/udp	BULLANT SRAP
bullant-rap	2965/tcp	BULLANT RAP
bullant-rap	2965/udp	BULLANT RAP
#		Michael Cahill <Michael.Cahill@bullant.net>
idp-infotrieve	2966/tcp	IDP-INFOTRIEVE
idp-infotrieve	2966/udp	IDP-INFOTRIEVE
#		Kevin Bruckert <kbruckert@idpco.com>
ssc-agent	2967/tcp	SSC-AGENT
ssc-agent	2967/udp	SSC-AGENT
#		George Dzieciol <gdzieciol@symantec.com>
enpp	2968/tcp	ENPP
enpp	2968/udp	ENPP
#		Kazuhito Gassho <Gassho.Kasuhito@exc.epson.co.jp>
essp	2969/tcp	ESSP
essp	2969/udp	ESSP
#		Hitoshi Ishida <ishida.hitoshi@exc.epson.co.jp>
index-net	2970/tcp	INDEX-NET
index-net	2970/udp	INDEX-NET
#		Chris J. Wren <C.Wren@lucent.com>
netclip	2971/tcp	NetClip clipboard daemon
netclip	2971/udp	NetClip clipboard daemon
#		Rudi Chiarito <nutello@sweetness.com>
pmsm-webrctl	2972/tcp	PMSM Webrctl
pmsm-webrctl	2972/udp	PMSM Webrctl
#		Markus Michels <mmi@pmsmicado.com>
svnetworks	2973/tcp	SV Networks
svnetworks	2973/udp	SV Networks
#		Sylvia Siu <ssiu@svnetworks.com>
signal	2974/tcp	Signal
signal	2974/udp	Signal
#		Wyatt Williams <wyattw@icall.com>
fjmpcm	2975/tcp	Fujitsu Configuration Management Service
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	MYLXAMPOR
mylxamport	2981/udp	MYLXAMPOR
#		Wei Gao <wei@mylex.com>
iwb-whiteboard	2982/tcp	IWB-WHITEBOARD
iwb-whiteboard	2982/udp	IWB-WHITEBOARD
#		David W. Radcliffe <info@radsolution.co.uk>
netplan	2983/tcp	NETPLAN
netplan	2983/udp	NETPLAN
#		Thomas Driemeyer <thomas@bitrot.de>
hpidsadmin	2984/tcp	HPIDSADMIN
hpidsadmin	2984/udp	HPIDSADMIN
hpidsagent	2985/tcp	HPIDSAGENT
hpidsagent	2985/udp	HPIDSAGENT
#		John Trudeau <jtrudeau@cup.hp.com>
stonefalls	2986/tcp	STONEFALLS
stonefalls	2986/udp	STONEFALLS
#		Scott Grau <sgrau@stonefalls.com>
identify	2987/tcp	identify
identify	2987/udp	identify
hippad	2988/tcp	HIPPA Reporting Protocol
hippad	2988/udp	HIPPA Reporting Protocol
#		William Randolph Royere III
#		<william@royere.net>
zarkov	2989/tcp	ZARKOV Intelligent Agent Communication

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zarkov      2989/udp  ZARKOV Intelligent Agent Communication
#           2989/udp  Robin Felix <zarkov_port@zarkov.com>
boscap      2990/tcp  BOSCAP
boscap      2990/udp  BOSCAP
#           2990/udp  Dirk Hillbrecht <dirk@hillbrecht.de>
wkstn-mon   2991/tcp  WKSTN-MON
wkstn-mon   2991/udp  WKSTN-MON
#           2991/udp  William David <william.david@lmco.com>
itb301      2992/tcp  ITB301
itb301      2992/udp  ITB301
#           2992/udp  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
#           2994/udp  Dinkar Chivaluri <dinkar@veritas.com>
idrs        2995/tcp  IDRS
idrs        2995/udp  IDRS
#           2995/udp  Jeff Eaton <jeaton@intermec.com>
vsixml      2996/tcp  vsixml
vsixml      2996/udp  vsixml
#           2996/udp  Rob Juergens <robj@vsi.com>
rebol       2997/tcp  REBOL
rebol       2997/udp  REBOL
#           2997/udp  Holger Kruse <holger@rebol.net>
realsecure  2998/tcp  Real Secure
realsecure  2998/udp  Real Secure
#           2998/udp  Wes Wilson <wwilson@iss.net>
remoteware-un 2999/tcp  RemoteWare Unassigned
remoteware-un 2999/udp  RemoteWare Unassigned
#           2999/udp  Tim Farley <Tim.Farley@xcellenet.com>
hbci        3000/tcp  HBCI
hbci        3000/udp  HBCI
#           3000/udp  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
#           3000/udp  Tim Farley <Tim.Farley@xcellenet.com>
redwood-broker 3001/tcp  Redwood Broker
redwood-broker 3001/udp  Redwood Broker
#           3001/udp  Joseph Morrison <joe@powerframe.com>
exlm-agent   3002/tcp  EXLM Agent
exlm-agent   3002/udp  EXLM Agent
#           3002/udp  Randy Martin <exlmoc@clemsun.edu>
# The following entry records an unassigned but widespread use
remoteware-srv 3002/tcp  RemoteWare Server
remoteware-srv 3002/udp  RemoteWare Server
#           3002/udp  Tim Farley <Tim.Farley@xcellenet.com>
cgms         3003/tcp  CGMS
cgms         3003/udp  CGMS
#           3003/udp  Jim Mazzonna <jmazzonna@tiscom.uscg.mil>
csoftagent   3004/tcp  Csoft Agent
csoftagent   3004/udp  Csoft Agent
#           3004/udp  Nedelcho Stanev <decho@csoft.bg>
geniuslm     3005/tcp  Genius License Manager
geniuslm     3005/udp  Genius License Manager
#           3005/udp  Jakob Spies <Jakob.Spies@genius.de>
ii-admin     3006/tcp  Instant Internet Admin
ii-admin     3006/udp  Instant Internet Admin
#           3006/udp  Lewis Donzis <ldonzis@nortelnetworks.com>
lotusmtap    3007/tcp  Lotus Mail Tracking Agent Protocol
lotusmtap    3007/udp  Lotus Mail Tracking Agent Protocol
#           3007/udp  Ken Lin <ken_lin@lotus.com>
midnight-tech 3008/tcp  Midnight Technologies
midnight-tech 3008/udp  Midnight Technologies
#           3008/udp  Kyle Unice <kyle@midnighttech.com>
pxc-ntfy     3009/tcp  PXC-NTFY
pxc-ntfy     3009/udp  PXC-NTFY
#           3009/udp  Takeshi Nishizawa <takeshi@cp10.es.xerox.com>
gw           3010/tcp  Telerate Workstation
ping-pong    3010/udp  Telerate Workstation
#           3010/udp  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
#           3012/udp  Alex Duncan <alex.duncan@sse.ie>
gilatskysurfer 3013/tcp  Gilat Sky Surfer

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gilatskysurfer 3013/udp Gilat Sky Surfer
# Yossi Gal <yossi@gilat.com>
broker_service 3014/tcp Broker Service
broker_service 3014/udp Broker Service
# Dale Bethers <dbethers@novell.com>
nati-dstp 3015/tcp NATI DSTP
nati-dstp 3015/udp NATI DSTP
# Paul Austin <paul.austin@natinst.com>
notify_srvr 3016/tcp Notify Server
notify_srvr 3016/udp Notify Server
# Hugo Parra <hparra@novell.com>
event_listener 3017/tcp Event Listener
event_listener 3017/udp Event Listener
# Ted Tronson <ttronson@novell.com>
srvc_registry 3018/tcp Service Registry
srvc_registry 3018/udp Service Registry
# Mark Killgore <MKillgore@novell.com>
resource_mgr 3019/tcp Resource Manager
resource_mgr 3019/udp Resource Manager
# Gary Glover <gglover@novell.com>
cifs 3020/tcp CIFS
cifs 3020/udp CIFS
# Paul Leach <paulle@microsoft.com>
agriserver 3021/tcp AGRI Server
agriserver 3021/udp AGRI Server
# Frank Neulichedl <frank@websmile.com>
csregagent 3022/tcp CSREGAGENT
csregagent 3022/udp CSREGAGENT
# Nedelcho Stanev <nstanev@csoft.bg>
magicnotes 3023/tcp magicnotes
magicnotes 3023/udp magicnotes
# Karl Edwall <karl@magicnotes.com>
nds_sso 3024/tcp NDS_SSO
nds_sso 3024/udp NDS_SSO
# Mel Oyler <mel@novell.com>
arepa-raft 3025/tcp Arepa Raft
arepa-raft 3025/udp Arepa Raft
# Stuart Schaefer <sschaefer@softricity.com>
agri-gateway 3026/tcp AGRI Gateway
agri-gateway 3026/udp AGRI Gateway
# Agri Datalog <contact@agri-datalog.com>
LiebDevMgmt_C 3027/tcp LiebDevMgmt_C
LiebDevMgmt_C 3027/udp LiebDevMgmt_C
LiebDevMgmt_DM 3028/tcp LiebDevMgmt_DM
LiebDevMgmt_DM 3028/udp LiebDevMgmt_DM
LiebDevMgmt_A 3029/tcp LiebDevMgmt_A
LiebDevMgmt_A 3029/udp LiebDevMgmt_A
# Mike Velten <Mike_Velten@Liebert.com>
arepa-cas 3030/tcp Arepa Cas
arepa-cas 3030/udp Arepa Cas
# Stuart Schaefer <sschaefer@softricity.com>
eppc 3031/tcp Remote AppleEvents/PPC Toolbox
eppc 3031/udp Remote AppleEvents/PPC Toolbox
# Steve Zellers <zellers@apple.com>
redwood-chat 3032/tcp Redwood Chat
redwood-chat 3032/udp Redwood Chat
# Songwon Chi <swchi@daou.co.kr>
pdb 3033/tcp PDB
pdb 3033/udp PDB
# Don Bowman <don@pixstream.com>
osmosis-aeaa 3034/tcp Osmosis / Helix (R) AEEA Port
osmosis-aeaa 3034/udp Osmosis / Helix (R) AEEA Port
# Larry Atkin <latkin@commongrnd.com>
fjsv-gssagt 3035/tcp FJSV gssagt
fjsv-gssagt 3035/udp FJSV gssagt
# Tomoji Koike <koike@ael.fujitsu.co.jp>
hagel-dump 3036/tcp Hagel DUMP
hagel-dump 3036/udp Hagel DUMP
# Haim Gelfenbeyn <haim@hageltech.com>
hp-san-mgmt 3037/tcp HP SAN Mgmt
hp-san-mgmt 3037/udp HP SAN Mgmt
# Steve Britt <steve_britt@hp.com>
santak-ups 3038/tcp Santak UPS
santak-ups 3038/udp Santak UPS
# Tom Liu <ssc@sc.stk.com.cn>
cogitate 3039/tcp Cogitate, Inc.
cogitate 3039/udp Cogitate, Inc.
# Jim Harlan <jimh@infowest.com>

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tomato-springs	3040/tcp	Tomato Springs
tomato-springs	3040/udp	Tomato Springs
#		Jack Waller III <jack@tomatosprings.com>
di-traceware	3041/tcp	di-traceware
di-traceware	3041/udp	di-traceware
#		Carlos Hung <chung@digisle.net>
journee	3042/tcp	journee
journee	3042/udp	journee
#		Kevin Calman <postmaster@journee.com>
brp	3043/tcp	BRP
brp	3043/udp	BRP
#		Greg Gee <ggee@hns.com>
epp	3044/tcp	EndPoint Protocol
epp	3044/udp	EndPoint Protocol
#		Stephen Cipolli <scipolli@radvision.com>
responsetnet	3045/tcp	ResponseNet
responsetnet	3045/udp	ResponseNet
#		Chul Yoon <cyoon@responsetnetworks.com>
di-ase	3046/tcp	di-ase
di-ase	3046/udp	di-ase
#		Carlos Hung <chung@digisle.net>
hlserver	3047/tcp	Fast Security HL Server
hlserver	3047/udp	Fast Security HL Server
#		Michael Zunke <mzunke@fast-ag.de>
pctrader	3048/tcp	Sierra Net PC Trader
pctrader	3048/udp	Sierra Net PC Trader
#		Chris Hahn <chrish@sierra.net>
nsws	3049/tcp	NSWS
nsws	3049/udp	NSWS
#		Ray Gwinn <p00321@psilink.com>
gds_db	3050/tcp	gds_db
gds_db	3050/udp	gds_db
#		Madhukar N. Thakur <mthakur@interbase.com>
galaxy-server	3051/tcp	Galaxy Server
galaxy-server	3051/udp	Galaxy Server
#		Michael Andre <mandre@gts-tkts.com>
apc-3052	3052/tcp	APC 3052
apc-3052	3052/udp	APC 3052
#		American Power Conversion <ports@apcc.com>
dsom-server	3053/tcp	dsom-server
dsom-server	3053/udp	dsom-server
#		Daniel Sisk <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

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# Mike Young <myong@netattach.com>
fjhpjp 3067/tcp FJHPJP
fjhpjp 3067/udp FJHPJP
# Ryozo Furutani <furutani@np.lps.cs.fujitsu.co.jp>
ls3bcast 3068/tcp ls3 Broadcast
ls3bcast 3068/udp ls3 Broadcast
ls3 3069/tcp ls3
ls3 3069/udp ls3
# Andrei Tsyganenko <atsyganenko@powerware.com>
mgxswitch 3070/tcp MGXSWITCH
mgxswitch 3070/udp MGXSWITCH
# George Walter <george.walter@ascentialsoftware.com>
csd-mgmt-port 3071/tcp ContinuStor Manager Port
csd-mgmt-port 3071/udp ContinuStor Manager Port
csd-monitor 3072/tcp ContinuStor Monitor Port
csd-monitor 3072/udp ContinuStor Monitor Port
# Ray Jantz <ray.jantz@lsil.com>
vcrp 3073/tcp Very simple chatroom prot
vcrp 3073/udp Very simple chatroom prot
# Andreas Wurf <a.wurf@mediaTools.de>
xbox 3074/tcp Xbox game port
xbox 3074/udp Xbox game port
# Damon Danieli <damond@microsoft.com>
orbix-locator 3075/tcp Orbix 2000 Locator
orbix-locator 3075/udp Orbix 2000 Locator
orbix-config 3076/tcp Orbix 2000 Config
orbix-config 3076/udp Orbix 2000 Config
orbix-loc-ssl 3077/tcp Orbix 2000 Locator SSL
orbix-loc-ssl 3077/udp Orbix 2000 Locator SSL
orbix-cfg-ssl 3078/tcp Orbix 2000 Locator SSL
orbix-cfg-ssl 3078/udp Orbix 2000 Locator SSL
# Eric Newcomer <eric.newcomer@iona.com>
lv-frontpanel 3079/tcp LV Front Panel
lv-frontpanel 3079/udp LV Front Panel
# 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)
# <bwarijzman@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
# Peter Boucher <pboucher@rappore.com>
lci-smcs 3091/tcp lCi Server Management
lci-smcs 3091/udp lCi Server Management
# Ralf Bensmann <iana@lci.de>
njfss 3092/tcp Netware sync services
njfss 3092/udp Netware sync services
# Gordon Ross <G.Ross@ccw.gov.uk>
rapidmq-center 3093/tcp Jiiiva RapidMQ Center
rapidmq-center 3093/udp Jiiiva RapidMQ Center
rapidmq-reg 3094/tcp Jiiiva RapidMQ Registry
rapidmq-reg 3094/udp Jiiiva RapidMQ Registry
# Mark Ericksen <mark@jiiiva.com>

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panasas	3095/tcp	Panasas rendezvous port
panasas	3095/udp	Panasas rendezvous port
#		Peter Berger <peterb@panasas.com>
ndl-aps	3096/tcp	Active Print Server Port
ndl-aps	3096/udp	Active Print Server Port
#		Martin Norman <martin@ndl.co.uk>
#	3097/tcp	Reserved
#	3097/udp	Reserved
itu-bicc-stc	3097/sctp	ITU-T Q.1902.1/Q.2150.3
#		Greg Sidebottom <gregside@home.com>
umm-port	3098/tcp	Universal Message Manager
umm-port	3098/udp	Universal Message Manager
#		Phil Braham <phil@braham.net>
chmd	3099/tcp	CHIPSY Machine Daemon
chmd	3099/udp	CHIPSY Machine Daemon
#		Trond 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
#		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>
#	3121	Unassigned (Removed 2003-09-17)
vtr-emulator	3122/tcp	MTI VTR Emulator port
vtr-emulator	3122/udp	MTI VTR Emulator port
#		John Mertus <mertus@mathtech.com>

edix	3123/tcp	EDI Translation Protocol
edix	3123/udp	EDI Translation Protocol
#		William Randolph Royere III <william@royere.net>
beacon-port	3124/tcp	Beacon Port
beacon-port	3124/udp	Beacon Port
#		James Paul Duncan <pduncan@beaconcrm.com>
a13-an	3125/tcp	A13-AN Interface
a13-an	3125/udp	A13-AN Interface
#		Douglas Knisely <dnk@lucent.com>
ms-dotnetster	3126/tcp	Microsoft .NETster Port
ms-dotnetster	3126/udp	Microsoft .NETster Port
#		Dave Mendlen <davemen@microsoft.com>
ctx-bridge	3127/tcp	CTX Bridge Port
ctx-bridge	3127/udp	CTX Bridge Port
#		Alexander Dubrovsky <dubrovsky_alex@emc.com>
ndl-aas	3128/tcp	Active API Server Port
ndl-aas	3128/udp	Active API Server Port
#		Martin Norman <martin@ndl.co.uk>
netport-id	3129/tcp	NetPort Discovery Port
netport-id	3129/udp	NetPort Discovery Port
#		P.T.K. Farrar <farrarp@teccon.co.uk>
icpv2	3130/tcp	ICPv2
icpv2	3130/udp	ICPv2
#		Duane Wessels <wessels@nlanr.net>
netbookmark	3131/tcp	Net Book Mark
netbookmark	3131/udp	Net Book Mark
#		Yiftach Ravid <yiftach@haifa.vnet.ibm.com>
ms-rule-engine	3132/tcp	Microsoft Business Rule Engine Update Service
ms-rule-engine	3132/udp	Microsoft Business Rule Engine Update Service
#		Anush Kumar <anushk@microsoft.com>
prism-deploy	3133/tcp	Prism Deploy User Port
prism-deploy	3133/udp	Prism Deploy User Port
#		Joan Linck <jlinck@lanovation.com>
ecp	3134/tcp	Extensible Code Protocol
ecp	3134/udp	Extensible Code Protocol
#		Jim Trek <jtrek@rochester.rr.com>
#		Mark Bocko <bocko@ece.rochester.edu>
peerbook-port	3135/tcp	PeerBook Port
peerbook-port	3135/udp	PeerBook Port
#		John Flowers <jf@gigamediaaccess.com>
grubd	3136/tcp	Grub Server Port
grubd	3136/udp	Grub Server Port
#		Kord Campbell <kord@grub.org>
rtnt-1	3137/tcp	rtnt-1 data packets
rtnt-1	3137/udp	rtnt-1 data packets
rtnt-2	3138/tcp	rtnt-2 data packets
rtnt-2	3138/udp	rtnt-2 data packets
#		Ron Muellerschoen <rjm@cobra.jpl.nasa.gov>
incognitorv	3139/tcp	Incognito Rendez-Vous
incognitorv	3139/udp	Incognito Rendez-Vous
#		Stephane Bourque <stephb@incognito.com>
ariliamulti	3140/tcp	Arilia Multiplexor
ariliamulti	3140/udp	Arilia Multiplexor
#		Stephane Bourque <sbourque@arilia.com>
vmodem	3141/tcp	VMODEM
vmodem	3141/udp	VMODEM
#		Ray Gwinn <p00321@psilink.com>
rdc-wh-eos	3142/tcp	RDC WH EOS
rdc-wh-eos	3142/udp	RDC WH EOS
#		Udi Nir <udi_nir@ncc.co.il>
seaview	3143/tcp	Sea View
seaview	3143/udp	Sea View
#		Jim Flaherty <jim_e_flaherty@notes.seagate.com>
tarantella	3144/tcp	Tarantella
tarantella	3144/udp	Tarantella
#		Roger Binns <rogerb@sco.com>
csi-lfap	3145/tcp	CSI-LFAP
csi-lfap	3145/udp	CSI-LFAP
#		Paul Amsden <amsden@ctron.com>
bears-02	3146/tcp	bears-02
bears-02	3146/udp	bears-02
#		Bruce McKinnon <brucemck@bearsolutions.com.au>
rfio	3147/tcp	RFIO
rfio	3147/udp	RFIO
#		Frederic Hemmer <Frederic.Hemmer@cern.ch>
nm-game-admin	3148/tcp	NetMike Game Administrator
nm-game-admin	3148/udp	NetMike Game Administrator
nm-game-server	3149/tcp	NetMike Game Server

nm-game-server	3149/udp	NetMike Game Server
nm-asses-admin	3150/tcp	NetMike Assessor Administrator
nm-asses-admin	3150/udp	NetMike Assessor Administrator
nm-assessor	3151/tcp	NetMike Assessor
nm-assessor	3151/udp	NetMike Assessor
#		Andrew Sharpe <help@smartsims.com>
feitianrockey	3152/tcp	FeiTian Port
feitianrockey	3152/udp	FeiTian Port
#		Huang Yu <llw@ftsafe.com>
s8-client-port	3153/tcp	S8Cargo Client Port
s8-client-port	3153/udp	S8Cargo Client Port
#		Jon S. Kyle <JKyle@SpeedwaySoftware.com>
ccrmi	3154/tcp	ON RMI Registry
ccrmi	3154/udp	ON RMI Registry
#		Ram Sudama <rsudama@on.com>
jpegmpeg	3155/tcp	JpegMpeg Port
jpegmpeg	3155/udp	JpegMpeg Port
#		Richard Bassous <rbassous@yahoo.com>
indura	3156/tcp	Indura Collector
indura	3156/udp	Indura Collector
#		Bruce Kosbab <bruce.kosbab@indurasoft.com>
e3consultants	3157/tcp	CCC Listener Port
e3consultants	3157/udp	CCC Listener Port
#		Brian Carnell <brian@e3consultants.com>
stvp	3158/tcp	SmashTV Protocol
stvp	3158/udp	SmashTV Protocol
#		Christian Wolff <stvp@smash.tv>
navegaweb-port	3159/tcp	NavegaWeb Tarification
navegaweb-port	3159/udp	NavegaWeb Tarification
#		Miguel Angel Fernandez <mafg@tid.es>
tip-app-server	3160/tcp	TIP Application Server
tip-app-server	3160/udp	TIP Application Server
#		Olivier Mascia <om@tipgroup.com>
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>
grepos	3166/tcp	Quest Repository
grepos	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_El_Over_IP
t1-el-over-ip	3175/udp	T1_El_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

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phonex-port      3177/udp      Phonex Protocol
#
radclientport    3178/tcp      Radiance UltraEdge Port
radclientport    3178/udp      Radiance UltraEdge Port
#
h2gf-w-2m       3179/tcp      H2GF W.2m Handover prot.
h2gf-w-2m       3179/udp      H2GF W.2m Handover prot.
#
mc-brk-srv      3180/tcp      Millicent Broker Server
mc-brk-srv      3180/udp      Millicent Broker Server
#
bmcpatrolagent  3181/tcp      BMC Patrol Agent
bmcpatrolagent  3181/udp      BMC Patrol Agent
bmcpatrolrnvu   3182/tcp      BMC Patrol Rendezvous
bmcpatrolrnvu   3182/udp      BMC Patrol Rendezvous
#
cops-tls        3183/tcp      COPS/TLS
cops-tls        3183/udp      COPS/TLS
#
apogeex-port    3184/tcp      ApogeeX Port
apogeex-port    3184/udp      ApogeeX Port
#
smpppd         3185/tcp      SuSE Meta PPPD
smpppd         3185/udp      SuSE Meta PPPD
#
iiw-port        3186/tcp      IIW Monitor User Port
iiw-port        3186/udp      IIW Monitor User Port
#
odi-port        3187/tcp      Open Design Listen Port
odi-port        3187/udp      Open Design Listen Port
#
brcm-comm-port  3188/tcp      Broadcom Port
brcm-comm-port  3188/udp      Broadcom Port
#
pcle-infex      3189/tcp      Pinnacle Sys InfEx Port
pcle-infex      3189/udp      Pinnacle Sys InfEx Port
#
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
#
firemonrcc      3192/tcp      FireMon Revision Control
firemonrcc      3192/udp      FireMon Revision Control
#
spandataport    3193/tcp      SpanDataPort
spandataport    3193/udp      SpanDataPort
#
magbind         3194/tcp      Rockstorm MAG protocol
magbind         3194/udp      Rockstorm MAG protocol
#
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
#
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
#
dmod-workspace  3199/tcp      DMOD WorkSpace
dmod-workspace  3199/udp      DMOD WorkSpace
#
tick-port       3200/tcp      Press-sense Tick Port
tick-port       3200/udp      Press-sense Tick Port
#
cpq-tasksmart   3201/tcp      CPQ-TaskSmart
cpq-tasksmart   3201/udp      CPQ-TaskSmart
#
intraintra      3202/tcp      IntraIntra
intraintra      3202/udp      IntraIntra
#
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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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>
jmj-daemon-1	3214/tcp	JMQ Daemon Port 1
jmj-daemon-1	3214/udp	JMQ Daemon Port 1
jmj-daemon-2	3215/tcp	JMQ Daemon Port 2
jmj-daemon-2	3215/udp	JMQ Daemon Port 2
#		Martin West <Martin.West@spirit-soft.com>
ferrari-foam	3216/tcp	Ferrari electronic FOAM
ferrari-foam	3216/udp	Ferrari electronic FOAM
#		Johann Deutinger <deutinger@ferrari-electronic.de>
unite	3217/tcp	Unified IP & Telecomm Env
unite	3217/udp	Unified IP & Telecomm Env
#		Christer Gunnarsson
#		<christer.gunnarsson@ascomtateco.se>
smartpackets	3218/tcp	EMC SmartPackets
smartpackets	3218/udp	EMC SmartPackets
#		Steve Spataro <spataro_steve@emc.com>
wms-messenger	3219/tcp	WMS Messenger
wms-messenger	3219/udp	WMS Messenger
#		Michael Monasterio <michael@wmssoftware.com>
xnm-ssl	3220/tcp	XML NM over SSL
xnm-ssl	3220/udp	XML NM over SSL
xnm-clear-text	3221/tcp	XML NM over TCP
xnm-clear-text	3221/udp	XML NM over TCP
#		Mark Trostler <trostler@juniper.net>
glbp	3222/tcp	Gateway Load Balancing Pr
glbp	3222/udp	Gateway Load Balancing Pr
#		Douglas McLaggan <glbp-info@cisco.com>
digivote	3223/tcp	DIGIVOTE (R) Vote-Server
digivote	3223/udp	DIGIVOTE (R) Vote-Server
#		Christian Treczoks <ct@braehler.com>
aes-discovery	3224/tcp	AES Discovery Port
aes-discovery	3224/udp	AES Discovery Port
#		Ken Richard <kenr@aeseducation.com>
fcip-port	3225/tcp	FCIP
fcip-port	3225/udp	FCIP
#		RFC-ietf-ips-fcovertcpip-12.txt
isi-irp	3226/tcp	ISI Industry Software IRP
isi-irp	3226/udp	ISI Industry Software IRP
#		Peter Sandstrom <peter.sandstrom@tassen.fi>
dwnmshttp	3227/tcp	DiamondWave NMS Server
dwnmshttp	3227/udp	DiamondWave NMS Server
dwmgsrserver	3228/tcp	DiamondWave MSG Server
dwmgsrserver	3228/udp	DiamondWave MSG Server
#		Varma Bhupatiraju <varma@calient.net>
global-cd-port	3229/tcp	Global CD Port
global-cd-port	3229/udp	Global CD Port
#		Vitaly Revsin <vitaly@netapp.com>
sftdst-port	3230/tcp	Software Distributor Port
sftdst-port	3230/udp	Software Distributor Port
#		Andrea Lanza <andrea.lanza@frameweb.it>
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
viero-fe 3245/tcp VIEO Fabric Executive
viero-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

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epncdp2	3259/tcp	Epson Network Common Devi
epncdp2	3259/udp	Epson Network Common Devi
#		SEIKO EPSON Corporation - Oishi Toshiaki
#		<Oishi.Toshiaki@exc.epson.co.jp> February 2002
iscsi-target	3260/tcp	iSCSI port
iscsi-target	3260/udp	iSCSI port
#		Julian Satran <Julian_Satran@il.ibm.com>
winshadow	3261/tcp	winShadow
winshadow	3261/udp	winShadow
#		Colin Barry <cbarry@gbahn.com>
necp	3262/tcp	NECP
necp	3262/udp	NECP
#		Alberto Cerpa <cerpa@isi.edu>
ecolor-imager	3263/tcp	E-Color Enterprise Imager
ecolor-imager	3263/udp	E-Color Enterprise Imager
#		Tamara Baker <tbaker@ecolor.com>
ccmail	3264/tcp	cc:mail/lotus
ccmail	3264/udp	cc:mail/lotus
#		<brockman@ccmail.com>
altav-tunnel	3265/tcp	Altav Tunnel
altav-tunnel	3265/udp	Altav Tunnel
#		Gary M. Allen <gallen@symantec.com>
ns-cfg-server	3266/tcp	NS CFG Server
ns-cfg-server	3266/udp	NS CFG Server
#		Aivi Lie <LIEA@netsoft.com>
ibm-dial-out	3267/tcp	IBM Dial Out
ibm-dial-out	3267/udp	IBM Dial Out
#		Skip Booth <sbooth@VNET.IBM.COM>
msft-gc	3268/tcp	Microsoft Global Catalog
msft-gc	3268/udp	Microsoft Global Catalog
msft-gc-ssl	3269/tcp	Microsoft Global Catalog with LDAP/SSL
msft-gc-ssl	3269/udp	Microsoft Global Catalog with LDAP/SSL
#		Asaf Kashi <asafk@microsoft.com>
verismart	3270/tcp	Verismart
verismart	3270/udp	Verismart
#		Jay Weber <weber@vfi.com>
csoft-prev	3271/tcp	CSoft Prev Port
csoft-prev	3271/udp	CSoft Prev Port
#		Nedelcho Stanev <decho@iname.com>
user-manager	3272/tcp	Fujitsu User Manager
user-manager	3272/udp	Fujitsu User Manager
#		Yukihiko Sakurai <y-sakurai@ael.fujitsu.co.jp>
sxmp	3273/tcp	Simple Extensible Multiplexed Protocol
sxmp	3273/udp	Simple Extensible Multiplexed Protocol
#		Stuart Newman <stuart.newman@fortel.com>
ordinox-server	3274/tcp	Ordinox Server
ordinox-server	3274/udp	Ordinox Server
#		Guy Letourneau <gletourneau@ordinox.com>
samd	3275/tcp	SAMD
samd	3275/udp	SAMD
#		Edgar Circenis <ec@fc.hp.com>
maxim-asics	3276/tcp	Maxim ASICs
maxim-asics	3276/udp	Maxim ASICs
#		Dave Inman <davei@mxim.com>
awg-proxy	3277/tcp	AWG Proxy
awg-proxy	3277/udp	AWG Proxy
#		Alex McDonald <alexm@an.hp.com>
lkcmserver	3278/tcp	LKCM Server
lkcmserver	3278/udp	LKCM Server
#		Javier Jimenez
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 <mfrl@worldnet.att.net>
cops	3288/tcp	COPS
cops	3288/udp	COPS
#		Shai Herzog <herzog@iphighway.com>
enpc	3289/tcp	ENPC
enpc	3289/udp	ENPC
#		SEIKO EPSON <Ishida.Hitoshi@exc.epson.co.jp>
caps-lm	3290/tcp	CAPS LOGISTICS TOOLKIT - LM
caps-lm	3290/udp	CAPS LOGISTICS TOOLKIT - LM
#		Joseph Krebs <joe@caps.com>
sah-lm	3291/tcp	S A Holditch & Associates - LM
sah-lm	3291/udp	S A Holditch & Associates - LM
#		Randy Hudgens <rh@nmail.holditch.com>
cart-o-rama	3292/tcp	Cart O Rama
cart-o-rama	3292/udp	Cart O Rama
#		Phillip Dillinger <Phillip.Dillinger@sealabs.com>
fg-fps	3293/tcp	fg-fps
fg-fps	3293/udp	fg-fps
fg-gip	3294/tcp	fg-gip
fg-gip	3294/udp	fg-gip
#		Jean-Marc Frailong <jmf@freegate.net>
dyniplookup	3295/tcp	Dynamic IP Lookup
dyniplookup	3295/udp	Dynamic IP Lookup
#		Eugene Osovetsky <eugeneo@geocities.com>
rib-slm	3296/tcp	Rib License Manager
rib-slm	3296/udp	Rib License Manager
#		Kristean Heisler <kh@rib.de>
cytel-lm	3297/tcp	Cytel License Manager
cytel-lm	3297/udp	Cytel License Manager
#		Yogesh P. Gajjar <yogesh@cytel.com>
deskview	3298/tcp	DeskView
deskview	3298/udp	DeskView
#		Manfred Randelzofer
#		<manfred.randelzofer@fujitsu-siemens.com>
pdrncs	3299/tcp	pdrncs
pdrncs	3299/udp	pdrncs
#		Paul Wissenbach <paulwi@vnd.tek.com>
#####	3300-3301	Unauthorized Use by SAP R/3 #####
mcs-fastmail	3302/tcp	MCS Fastmail
mcs-fastmail	3302/udp	MCS Fastmail
#		Patti Jo Newsom <pjn@mcsdallas.com>
opsession-clnt	3303/tcp	OP Session Client
opsession-clnt	3303/udp	OP Session Client
opsession-srvr	3304/tcp	OP Session Server
opsession-srvr	3304/udp	OP Session Server
#		Amir Blich <amir@netmanage.co.il>
odette-ftp	3305/tcp	ODETTE-FTP
odette-ftp	3305/udp	ODETTE-FTP
#		David Nash <dnash@ford.com>
mysql	3306/tcp	MySQL
mysql	3306/udp	MySQL
#		Monty <monty@analytikerna.se>
opsession-prxy	3307/tcp	OP Session Proxy
opsession-prxy	3307/udp	OP Session Proxy
#		Amir Blich <amir@netmanage.co.il>
tns-server	3308/tcp	TNS Server
tns-server	3308/udp	TNS Server
tns-adv	3309/tcp	TNS ADV
tns-adv	3309/udp	TNS ADV
#		Jerome Albin <albin@taec.enet.dec.com>
dyna-access	3310/tcp	Dyna Access
dyna-access	3310/udp	Dyna Access
#		Dave Belliveau
#		<DaveBelliveau@cornerstonesoftware.com>
mcns-tel-ret	3311/tcp	MCNS Tel Ret
mcns-tel-ret	3311/udp	MCNS Tel Ret
#		Randall Atkinson <rja@home.net>
appman-server	3312/tcp	Application Management Server
appman-server	3312/udp	Application Management Server
uorb	3313/tcp	Unify Object Broker



uorb	3313/udp	Unify Object Broker
uohost	3314/tcp	Unify Object Host
uohost	3314/udp	Unify Object Host
#		Duane Gibson <ianaportmaster@unify.com>
cdid	3315/tcp	CDID
cdid	3315/udp	CDID
#		Andrew Borisov <hdr@chat.ru>
aicc-cmi	3316/tcp	AICC/CMI
aicc-cmi	3316/udp	AICC/CMI
#		William McDonald <billmc@atc.boeing.com>
vsaiport	3317/tcp	VSAI PORT
vsaiport	3317/udp	VSAI PORT
#		Rieko Asai <asai@isl.mei.co.jp>
ssrip	3318/tcp	Swith to Swith Routing Information Protocol
ssrip	3318/udp	Swith to Swith Routing Information Protocol
#		Baba Hidekazu <baba@flare.nd.net.fujitsu.co.jp>
sdt-lmd	3319/tcp	SDT License Manager
sdt-lmd	3319/udp	SDT License Manager
#		Salvo Nassisi <sdtech@tin.it>
officelink2000	3320/tcp	Office Link 2000
officelink2000	3320/udp	Office Link 2000
#		Mike Balch <mbalch@teltone.com>
vnsstr	3321/tcp	VNSSTR
vnsstr	3321/udp	VNSSTR
#		Takeshi Ohmura <ohmura@isl.mei.co.jp>
active-net	3322-3325	Active Networks
#		Bob Braden <braden@isi.edu>
sftu	3326/tcp	SFTU
sftu	3326/udp	SFTU
#		Eduardo Rosenberg de Moura <eduardor@spacenet.com.br>
bbars	3327/tcp	BBARS
bbars	3327/udp	BBARS
#		Lou Harris <lharris@outlx.bandl.com>
egptlm	3328/tcp	Eaglepoint License Manager
egptlm	3328/udp	Eaglepoint License Manager
#		Dave Benton <dave.benton@eaglepoint.com>
hp-device-disc	3329/tcp	HP Device Disc
hp-device-disc	3329/udp	HP Device Disc
#		Shivaun Albright <shivaun_albright@hp.com>
mcs-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 <mfri@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 <psahlqvist@sw.seisy.abb.se>
webtie	3342/tcp	WebTIE
webtie	3342/udp	WebTIE
#		Kevin Frender <kbfgdc.noaa.gov>
ms-cluster-net	3343/tcp	MS Cluster Net
ms-cluster-net	3343/udp	MS Cluster Net
#		Mike Massa <mikemas@microsoft.com>
bnt-manager	3344/tcp	BNT Manager
bnt-manager	3344/udp	BNT Manager
#		Brian J. Ives <Brian.Ives@BadgerNT.com>
influence	3345/tcp	Influence
influence	3345/udp	Influence

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# Russ Ferriday <russf@topia.com>
trnsprntproxy 3346/tcp Trnsprnt Proxy
trnsprntproxy 3346/udp Trnsprnt Proxy
# Grant Kirby <grant_kirby@ccm.al.intel.com>
phoenix-rpc 3347/tcp Phoenix RPC
phoenix-rpc 3347/udp Phoenix RPC
# Ian Anderson <ian_anderson@phoenix.com>
pangolin-laser 3348/tcp Pangolin Laser
pangolin-laser 3348/udp Pangolin Laser
# William Benner <William_Benner@msn.com>
chevinservices 3349/tcp Chevin Services
chevinservices 3349/udp Chevin Services
# Gus McNaughton <gus@chevin.com>
findviatv 3350/tcp FINDVIATV
findviatv 3350/udp FINDVIATV
# Oran Davis <oran@8x8.com>
btrieve 3351/tcp Btrieve port
btrieve 3351/udp Btrieve port
ssql 3352/tcp Scalable SQL
ssql 3352/udp Scalable SQL
# Chuck Talk <ctalk@pervasive.com>
fatpipe 3353/tcp FATPIPE
fatpipe 3353/udp FATPIPE
# Sanchaita Datta <sdatta@ragula.com>
suitjd 3354/tcp SUITJD
suitjd 3354/udp SUITJD
# Todd Moyer <tsm@unx.dec.com>
ordinox-dbase 3355/tcp Ordinox Dbase
ordinox-dbase 3355/udp Ordinox Dbase
# 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

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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 <mimi@cedros.com>
filecast	3401/tcp	filecast
filecast	3401/udp	filecast
#		Eden Sherry <eden@pair.com>
fxaengine-net	3402/tcp	FXa Engine Network Port
fxaengine-net	3402/udp	FXa Engine Network Port
#		Lucas Alonso <luke@demiurgestudios.com> February 2002
copysnap	3403/tcp	CopySnap Server Port
copysnap	3403/udp	CopySnap Server Port
#		Steve Zellers <zellers@basilsoft.com> February 2002

#	3404	Removed (2002-05-01)
nokia-ann-ch1	3405/tcp	Nokia Announcement ch 1
nokia-ann-ch1	3405/udp	Nokia Announcement ch 1
nokia-ann-ch2	3406/tcp	Nokia Announcement ch 2
nokia-ann-ch2	3406/udp	Nokia Announcement ch 2
#		Morteza Kalhour <Morteza.Kalhour@Nokia.com> February 2002
ldap-admin	3407/tcp	LDAP admin server port
ldap-admin	3407/udp	LDAP admin server port
#		Stephen Tsun <stsun@calient.net> February 2002
issapi	3408/tcp	POWERpack API Port
issapi	3408/udp	POWERpack API Port
#		Colin Griffiths <colin.griffiths@int-link.com> February 2002
networklens	3409/tcp	NetworkLens Event Port
networklens	3409/udp	NetworkLens Event Port
networklenss	3410/tcp	NetworkLens SSL Event
networklenss	3410/udp	NetworkLens SSL Event
#		Greg Bailey <gbailey@lxpro.com> February 2002
biolink-auth	3411/tcp	BioLink Authenteon server
biolink-auth	3411/udp	BioLink Authenteon server
#		BioLink Support <reginfo@biolinkusa.com> February 2002
xmlblaster	3412/tcp	xmlBlaster
xmlblaster	3412/udp	xmlBlaster
#		Marcel Ruff <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@ionetworks.com> February 2002
xtrm	3423/tcp	xTrade Reliable Messaging
xtrm	3423/udp	xTrade Reliable Messaging
xtrms	3424/tcp	xTrade over TLS/SSL
xtrms	3424/udp	xTrade over TLS/SSL
#		Mats Nilsson <mats.nilsson@xware.se> February 2002
agps-port	3425/tcp	AGPS Access Port
agps-port	3425/udp	AGPS Access Port
#		Kristoffer Nilsson
#		<kristoffer.nilsson@hutchison3g.com> February 2002
arkivio	3426/tcp	Arkivio Storage Protocol
arkivio	3426/udp	Arkivio Storage Protocol
#		Bruce Greenblatt <bruce@arkivio.com> February 2002
websphere-snmp	3427/tcp	WebSphere SNMP
websphere-snmp	3427/udp	WebSphere SNMP
#		Richard Mills <ramills@us.ibm.com> February 2002
twcss	3428/tcp	2Wire CSS
twcss	3428/udp	2Wire CSS
#		2Wire IANA Contact <iana@2wire.com> February 2002
gcsp	3429/tcp	GCSP user port
gcsp	3429/udp	GCSP user port
#		Anirban Majumder <majumderanirban@lycos.com> March 2002
ssdispatch	3430/tcp	Scott Studios Dispatch
ssdispatch	3430/udp	Scott Studios Dispatch
#		Michael Settles <michael.settles@verizon.net> March 2002
ndl-als	3431/tcp	Active License Server Port
ndl-als	3431/udp	Active License Server Port

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#           Quentin Brown <ndldev@ndl.co.uk> March 2002
osdcp      3432/tcp    Secure Device Protocol
osdcp      3432/udp    Secure Device Protocol
#           Peter Fernandez <fernandez@omnisech.ch> March 2002
alta-smp   3433/tcp    Altaworks Service Management Platform
alta-smp   3433/udp    Altaworks Service Management Platform
#           Ted Macomber <TedM@Altaworks.com> March 2002
opencm     3434/tcp    OpenCM Server
opencm     3434/udp    OpenCM Server
#           Jonathan S. Shapiro <registrar@eros-os.org> March 2002
pacom      3435/tcp    Pacom Security User Port
pacom      3435/udp    Pacom Security User Port
#           Steve Barton <steveb@pacomsystems.com> March 2002
gc-config  3436/tcp    GuardControl Exchange Protocol
gc-config  3436/udp    GuardControl Exchange Protocol
#           Andreas Schwarz <andi@trancefield.de> March 2002
autocueds  3437/tcp    Autocue Directory Service
autocueds  3437/udp    Autocue Directory Service
#           Geoff Back <geoff@autocue.co.uk> March 2002
spiral-admin 3438/tcp    Spiralcraft Admin
spiral-admin 3438/udp    Spiralcraft Admin
#           Michael Toth <mike@spiralcraft.com> March 2002
hri-port   3439/tcp    HRI Interface Port
hri-port   3439/udp    HRI Interface Port
#           John Fayos <john.fayos@criticallink.com> March 2002
ans-console 3440/tcp    Net Steward Mgmt Console
ans-console 3440/udp    Net Steward Mgmt Console
#           John Richmond <developers@securitydesigners.com> March 2002
connect-client 3441/tcp    OC Connect Client
connect-client 3441/udp    OC Connect Client
connect-server 3442/tcp    OC Connect Server
connect-server 3442/udp    OC Connect Server
#           Mike Velten <mike.Velten@liebert.com> March 2002
ov-nnm-websrv 3443/tcp    OpenView Network Node Manager WEB Server
ov-nnm-websrv 3443/udp    OpenView Network Node Manager WEB Server
#           Anthony Walker <anthony_walker@hp.com> March 2002
denali-server 3444/tcp    Denali Server
denali-server 3444/udp    Denali Server
#           Joe Devlin <Joe.Devlin@rocketsoftware.com> March 2002
monp       3445/tcp    Media Object Network
monp       3445/udp    Media Object Network
#           Ron Herardian <rherardi@gssnet.com> March 2002
3comfaxrpc 3446/tcp    3Com FAX RPC port
3comfaxrpc 3446/udp    3Com FAX RPC port
#           Christopher Wells <christopher_wells@3com.com> April 2002
cddn       3447/tcp    CompuDuo DirectNet
cddn       3447/udp    CompuDuo DirectNet
#           Gregory Richards <GregorR@compuduo.com> April 2002
dnc-port   3448/tcp    Discovery and Net Config
dnc-port   3448/udp    Discovery and Net Config
#           Chi Chen <chichen@us.ibm.com> April 2002
hotu-chat  3449/tcp    HotU Chat
hotu-chat  3449/udp    HotU Chat
#           Tim Burgess <tim@hotu.com> April 2002
castorproxy 3450/tcp    CASTorProxy
castorproxy 3450/udp    CASTorProxy
#           Raymond J. Young <Raymond.Young@ca.com> April 2002
asam       3451/tcp    ASAM Services
asam       3451/udp    ASAM Services
#           Mike Gossett <mike@omnibond.com> April 2002
sabp-signal 3452/tcp    SABP-Signalling Protocol
sabp-signal 3452/udp    SABP-Signalling Protocol
#           Brendan McWilliams <brendan.mcwilliams@vf.vodafone.co.uk> April 2002
pscupd     3453/tcp    PSC Update Port
pscupd     3453/udp    PSC Update Port
#           Reid B. Ligon <reid.ligon@pscnet.com>
mira       3454/tcp    Apple Remote Access Protocol
#           Mike Alexander <mta@um.cc.umich.edu>
prsvp      3455/tcp    RSVP Port
prsvp      3455/udp    RSVP Port
#           Bob Braden <Braden@isi.edu>
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

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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@remotecomontrolsextos.com>
ttcmremotectrl	3468/tcp	TTCM Remote Controll
ttcmremotectrl	3468/udp	TTCM Remote Controll
#		Yossi Cohen-Shahar <yossi@proxy.co.il>
pluribus	3469/tcp	Pluribus
pluribus	3469/udp	Pluribus
#		Mark Miller <markm@caplet.com>
jt400	3470/tcp	jt400
jt400	3470/udp	jt400
jt400-ssl	3471/tcp	jt400-ssl
jt400-ssl	3471/udp	jt400-ssl
#		Clifton Nock <cnock@us.ibm.com>
jaugsremotec-1	3472/tcp	JAUGS N-G Remotec 1
jaugsremotec-1	3472/udp	JAUGS N-G Remotec 1
jaugsremotec-2	3473/tcp	JAUGS N-G Remotec 2
jaugsremotec-2	3473/udp	JAUGS N-G Remotec 2
#		Steven B. Cliff <scliff@remotec-andros.com> April 2002
ttntspauto	3474/tcp	TSP Automation
ttntspauto	3474/udp	TSP Automation
#		Arnie Koster <akoster@teltone.com> April 2002
genisar-port	3475/tcp	Genisar Comm Port
genisar-port	3475/udp	Genisar Comm Port
#		Candace Niccolson <cniccolson@genisar.com> April 2002
nppmp	3476/tcp	NVIDIA Mgmt Protocol
nppmp	3476/udp	NVIDIA Mgmt Protocol
#		Gilbert Yeung <gyeung@nvidia.com> April 2002
ecommm	3477/tcp	eComm link port
ecommm	3477/udp	eComm link port
#		Thomas Soerensen <thomassoerensen@stofanet.dk> April 2002
nat-stun-port	3478/tcp	Simple Traversal of UDP Through NAT (STUN) port
nat-stun-port	3478/udp	Simple Traversal of UDP Through NAT (STUN) port
#		Jonathan Rosenberg <jdrosen@dynamicsoft.com> April 2002
twrpc	3479/tcp	2Wire RPC
twrpc	3479/udp	2Wire RPC
#		2Wire IANA Contact <iana@2wire.com> April 2002
plethora	3480/tcp	Secure Virtual Workspace
plethora	3480/udp	Secure Virtual Workspace
#		Tim Simms <tsimms@plethoratech.com> April 2002
cleanerliverc	3481/tcp	CleanerLive remote ctrl
cleanerliverc	3481/udp	CleanerLive remote ctrl
#		David Mojdehi <david.mojdehi@autodesk.com> April 2002
vulture	3482/tcp	Vulture Monitoring System
vulture	3482/udp	Vulture Monitoring System
#		Jason Santos <jason.santos@megaslow.net> April 2002
slim-devices	3483/tcp	Slim Devices Protocol
slim-devices	3483/udp	Slim Devices Protocol
#		Sean Adams <sean@slimdevices.com> May 2002
gbs-stp	3484/tcp	GBS SnapTalk Protocol
gbs-stp	3484/udp	GBS SnapTalk Protocol
#		Eric Harris-Braun <eric@glassbead.com> May 2002
celatalk	3485/tcp	CelaTalk
celatalk	3485/udp	CelaTalk
#		Carl Blundell <cblundell@celador.co.uk> May 2002
ifsf-hb-port	3486/tcp	IFSF Heartbeat Port
ifsf-hb-port	3486/udp	IFSF Heartbeat Port

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# IFSF Secretary <secretary@ifsf.org> May 2002
ltctcp 3487/tcp LISA TCP Transfer Channel
ltcudp 3487/udp LISA UDP Transfer Channel
# Pit Vetterick <pit@3dgo.com> May 2002
fs-rh-srv 3488/tcp FS Remote Host Server
fs-rh-srv 3488/udp FS Remote Host Server
# Brian Nickles <RogueSpear91@hotmail.com> May 2002
dtp-dia 3489/tcp DTP/DIA
dtp-dia 3489/udp DTP/DIA
# Alexei V. Soloviev <avsolov@lab127.karelia.ru> May 2002
colubris 3490/tcp Colubris Management Port
colubris 3490/udp Colubris Management Port
# Gilbert Moineau <gilbert.moineau@colubris.com> May 2002
swr-port 3491/tcp SWR Port
swr-port 3491/udp SWR Port
# Ian Manning <imanning@dtsuk.com> May 2002
tvdumtray-port 3492/tcp TVDUM Tray Port
tvdumtray-port 3492/udp TVDUM Tray Port
# Peter Boers <boers@isisglobal.nl> May 2002
nut 3493/tcp Network UPS Tools
nut 3493/udp Network UPS Tools
# Russell Kroll <nut-iana@exploits.org> May 2002
ibm3494 3494/tcp IBM 3494
ibm3494 3494/udp IBM 3494
# Jeffrey Pilch <jpilch@us.ibm.com>
seclayer-tcp 3495/tcp securitylayer over tcp
seclayer-tcp 3495/udp securitylayer over tcp
seclayer-tls 3496/tcp securitylayer over tls
seclayer-tls 3496/udp securitylayer over tls
# Arno Hollosi <arno.hollosi@cio.gv.at> March 2002
ipether232port 3497/tcp ipEther232Port
ipether232port 3497/udp ipEther232Port
# Marcus Leufgen <leufgen@ipc.as.de> May 2002
dashpas-port 3498/tcp DASHPAS user port
dashpas-port 3498/udp DASHPAS user port
# Albrecht Mayer <albrecht.mayer@infineon.com> May 2002
sccip-media 3499/tcp SccIP Media
sccip-media 3499/udp SccIP Media
# David Yon <dyon@dialout.net> May 2002
rtmp-port 3500/tcp RTMP Port
rtmp-port 3500/udp RTMP Port
# Miriam Wohlgelernter <miriamw@adirtech.com>
isoft-p2p 3501/tcp iSoft-P2P
isoft-p2p 3501/udp iSoft-P2P
# David Walling <dwalling@isoft.com>
avinstalldisc 3502/tcp Avocent Install Discovery
avinstalldisc 3502/udp Avocent Install Discovery
# Brian S. Stewart <Brian.Stewart@Avovent.com>
lsp-ping 3503/tcp MPLS LSP-echo Port
lsp-ping 3503/udp MPLS LSP-echo Port
# Ping Pan <pingpan@juniper.net>
ironstorm 3504/tcp IronStorm game server
ironstorm 3504/udp IronStorm game server
# Arnaud Clermonte <clermonte@4xtechnologies.com>
ccmcomm 3505/tcp CCM communications port
ccmcomm 3505/udp CCM communications port
# Tom Bougan <tomb@apptechnsys.com>
apc-3506 3506/tcp APC 3506
apc-3506 3506/udp APC 3506
# American Power Conversion <ports@apcc.com>
nesh-broker 3507/tcp Nesh Broker Port
nesh-broker 3507/udp Nesh Broker Port
# Jeremy Maiden <jeremy@komarr.demon.co.uk>
interactionweb 3508/tcp Interaction Web
interactionweb 3508/udp Interaction Web
# Mike Gagle <mikeg@inin.com>
vt-ssl 3509/tcp Virtual Token SSL Port
vt-ssl 3509/udp Virtual Token SSL Port
# Libor Sykora <libor.sykora@st.com> May 2002
xss-port 3510/tcp XSS Port
xss-port 3510/udp XSS Port
# Joe Purcell <jpurcell@ensuretech.com> May 2002
webmail-2 3511/tcp WebMail/2
webmail-2 3511/udp WebMail/2
# Dimitris Michelinakis <dimitris@michelinakis.gr> May 2002
aztec 3512/tcp Aztec Distribution Port
aztec 3512/udp Aztec Distribution Port
# Alan Francis <AlanF@zonal.co.uk> May 2002

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arcpd	3513/tcp	Adaptec Remote Protocol
arcpd	3513/udp	Adaptec Remote Protocol
#		Hardy Doelfel <hardy_doelfel@adaptec.com> May 2002
must-p2p	3514/tcp	MUST Peer to Peer
must-p2p	3514/udp	MUST Peer to Peer
must-backplane	3515/tcp	MUST Backplane
must-backplane	3515/udp	MUST Backplane
#		Rick Stefanik <r.stefanik@gatelinx.com> May 2002
smartcard-port	3516/tcp	Smartcard Port
smartcard-port	3516/udp	Smartcard Port
#		Scott Guthery <sguthery@mobile-mind.com> May 2002
802-11-iapp	3517/tcp	IEEE 802.11 WLANs WG IAPP
802-11-iapp	3517/udp	IEEE 802.11 WLANs WG IAPP
#		Stuart J. Kerry (Chair IEEE 802.11 WG)
#		<stuart@ok-brit.com> May 2002
artifact-msg	3518/tcp	Artifact Message Server
artifact-msg	3518/udp	Artifact Message Server
#		Ron Capwell <ron@artifactsoftware.com> June 2002
nvmsgd	3519/tcp	Netvion Messenger Port
galileo	3519/udp	Netvion Galileo Port
galileolog	3520/tcp	Netvion Galileo Log Port
galileolog	3520/udp	Netvion Galileo Log Port
#		Ray Caruso <ray.caruso@netvion.com> June 2002
mc3ss	3521/tcp	Telequip Labs MC3SS
mc3ss	3521/udp	Telequip Labs MC3SS
#		Michael Sparks <mspark@telequiplabs.com> June 2002
nsocketport	3522/tcp	DO over NSSocketPort
nsocketport	3522/udp	DO over NSSocketPort
#		Douglas Davidson <drd@apple.com> June 2002
odeumservlink	3523/tcp	Odeum Serverlink
odeumservlink	3523/udp	Odeum Serverlink
#		Mads Peter Back <iana-contact@webhouse.dk> June 2002
ecmport	3524/tcp	ECM Server port
ecmport	3524/udp	ECM Server port
eisport	3525/tcp	EIS Server port
eisport	3525/udp	EIS Server port
#		Paul Kraus <paul.kraus@veritas.com> June 2002
starquiz-port	3526/tcp	starQuiz Port
starquiz-port	3526/udp	starQuiz Port
#		Adam Ernst <contact@cosmicsoft.net> June 2002
beserver-msg-q	3527/tcp	VERITAS Backup Exec Server
beserver-msg-q	3527/udp	VERITAS Backup Exec Server
#		Katherine Wattwood <katherine.wattwood@veritas.com> June 2002
jboss-iiop	3528/tcp	JBoss IIOP
jboss-iiop	3528/udp	JBoss IIOP
jboss-iiop-ssl	3529/tcp	JBoss IIOP/SSL
jboss-iiop-ssl	3529/udp	JBoss IIOP/SSL
#		Francisco Reverbel <reverbel@ime.usp.br> June 2002
gf	3530/tcp	Grid Friendly
gf	3530/udp	Grid Friendly
#		Daivd P. Chassin <david.chassin@pnl.gov> June 2002
joltid	3531/tcp	Joltid
joltid	3531/udp	Joltid
#		Ahti Heinla <ahti@ahti.blumoon.ee> June 2002
raven-rmp	3532/tcp	Raven Remote Management Control
raven-rmp	3532/udp	Raven Remote Management Control
raven-rdp	3533/tcp	Raven Remote Management Data
raven-rdp	3533/udp	Raven Remote Management Data
#		Daniel Sorlov <daniel@sorlov.com> June 2002
urld-port	3534/tcp	URL Daemon Port
urld-port	3534/udp	URL Daemon Port
#		Jim Binkley <jrb@cs.pdx.edu> June 2002
ms-la	3535/tcp	MS-LA
ms-la	3535/udp	MS-LA
#		Eric Ledoux <ericle@microsoft.com>
snac	3536/tcp	SNAC
snac	3536/udp	SNAC
#		Tatsuya Igarashi <Tatsuya.Igarashi@jp.sony.com> July 2002
ni-visa-remote	3537/tcp	Remote NI-VISA port
ni-visa-remote	3537/udp	Remote NI-VISA port
#		Sinnadurai Dharshan <sinnadurai.dharshan@ni.com> July 2002
ibm-diradm	3538/tcp	IBM Directory Server
ibm-diradm	3538/udp	IBM Directory Server
ibm-diradm-ssl	3539/tcp	IBM Directory Server SSL
ibm-diradm-ssl	3539/udp	IBM Directory Server SSL
#		Mark Cavage <mcavage@us.ibm.com> July 2002
pnrp-port	3540/tcp	PNRP User Port
pnrp-port	3540/udp	PNRP User Port



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# Igor Kostic <igor@microsoft.com> July 2002
voispeed-port 3541/tcp VoiSpeed Port
voispeed-port 3541/udp VoiSpeed Port
# Virgilio Lattanzi <virgilio@harpax.com> July 2002
hacl-monitor 3542/tcp HA cluster monitor
hacl-monitor 3542/udp HA cluster monitor
# Jason Ko <jason_ko@hp.com> July 2002
qftest-lookup 3543/tcp qftest Lookup Port
qftest-lookup 3543/udp qftest Lookup Port
# Gregor Schmid <gs@qfs.de> July 2002
teredo 3544/tcp Teredo Port
teredo 3544/udp Teredo Port
# Dave Thaler <dthaler@microsoft.com> July 2002
camac 3545/tcp CAMAC equipment
camac 3545/udp CAMAC equipment
# Eugene Zhiganov <zed@df3300.karelia.ru> July 2002
# 3546 Unassigned (removed September 2002)
symantec-sim 3547/tcp Symantec SIM
symantec-sim 3547/udp Symantec SIM
# George Dzieciol <gdzieciol@symantec.com> July 2002
interworld 3548/tcp Interworld
interworld 3548/udp Interworld
# John Stephen <iana@mundocani.com> July 2002
tellumat-nms 3549/tcp Tellumat MDR NMS
tellumat-nms 3549/udp Tellumat MDR NMS
# Hennie van der Merwe <hvandermerwe@tellumat.com> July 2002
ssmpps 3550/tcp Secure SMPP
ssmpps 3550/udp Secure SMPP
# Cormac Long <webmaster@smsforum.net> July 2002
apcupsd 3551/tcp Apcupsd Information Port
apcupsd 3551/udp Apcupsd Information Port
# Riccardo Facchetti <riccardo@inetcosmos.org> July 2002
taser 3552/tcp TeamAgenda Server Port
taser 3552/udp TeamAgenda Server Port
# Dany Ayotte <ayotte@teamssoft.com> July 2002
rbr-discovery 3553/tcp Red Box Recorder ADP
rbr-discovery 3553/udp Red Box Recorder ADP
# Simon Jolly <simon.jolly@origin-data.co.uk> July 2002
questnotify 3554/tcp Quest Notification Server
questnotify 3554/udp Quest Notification Server
# Rob Griffin <quest_iana@oz.quest.com> July 2002
razor 3555/tcp Vipul's Razor
razor 3555/udp Vipul's Razor
# Vipul Ved Prakash <mail@vipul.net> July 2002
sky-transport 3556/tcp Sky Transport Protocol
sky-transport 3556/udp Sky Transport Protocol
# Michael Paddon <michael.paddon@activesky.com> July 2002
personalos-001 3557/tcp PersonalOS Comm Port
personalos-001 3557/udp PersonalOS Comm Port
# Shane Roberts <shane@shaneroberts.com> July 2002
mcp-port 3558/tcp MCP user port
mcp-port 3558/udp MCP user port
# Professor Paul S. Wang <pwang@cs.kent.edu> July 2002
cctv-port 3559/tcp CCTV control port
cctv-port 3559/udp CCTV control port
# Raymond Lyons <rlyons@vicon-cctv.com> July 2002
iniservert 3560/tcp INIServe port
iniservert 3560/udp INIServe port
# Peter Moylan <peter@ee.newcastle.edu.au> August 2002
bmc-onekey 3561/tcp BMC-OneKey
bmc-onekey 3561/udp BMC-OneKey
# Alon Tam <alon_tam@bmc.com> August 2002
sdbproxy 3562/tcp SDBProxy
sdbproxy 3562/udp SDBProxy
# Eric Grange <egrange@creative-it.net> August 2002
watcomdebug 3563/tcp Watcom Debug
watcomdebug 3563/udp Watcom Debug
# Dave Neudoerffer <Dave.Neudoerffer@ianywhere.com>
esimport 3564/tcp Electromed SIM port
esimport 3564/udp Electromed SIM port
# Francois Marchand <francois.marchand@electromed.com> August 2002
m2pa 3565/tcp M2PA
m2pa 3565/sctp M2PA
# Tom George <Tom.George@alcatel.com> May 2002
quest-launcher 3566/tcp Quest Agent Manager
quest-launcher 3566/udp Quest Agent Manager
# Eyal Kalderon <eyal.kalderon@quest.com> April 2002
emware-oft 3567/tcp emWare OFT Services

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emware-oft	3567/udp	emWare OFT Services
#		Bryant Eastham <beastham@emware.com> August 2002
emware-epss	3568/tcp	emWare EMIT/Secure
emware-epss	3568/udp	emWare EMIT/Secure
#		Bryant Eastham <beastham@emware.com> January 2003
mbg-ctrl	3569/tcp	Meinberg Control Service
mbg-ctrl	3569/udp	Meinberg Control Service
#		Martin Burnicki <martin.burnicki@meinberg.de> August 2002
mccwebsvr-port	3570/tcp	MCC Web Server Port
mccwebsvr-port	3570/udp	MCC Web Server Port
megardsvr-port	3571/tcp	MegaRAID Server Port
megardsvr-port	3571/udp	MegaRAID Server Port
megaregsvrport	3572/tcp	Registration Server Port
megaregsvrport	3572/udp	Registration Server Port
#		Sreenivas Bagalkote <sreenib@lsil.com> August 2002
tag-ups-1	3573/tcp	Advantage Group UPS Suite
tag-ups-1	3573/udp	Advantage Group UPS Suite
#		James Goddard <jamesg@taglim.com> August 2002
dmaf-server	3574/tcp	DMAF Server
dmaf-caster	3574/udp	DMAF Caster
#		Ramakrishna Nadendla <rama_nadendla@agilent.com> August 2002
ccm-port	3575/tcp	Coalsere CCM Port
ccm-port	3575/udp	Coalsere CCM Port
cmc-port	3576/tcp	Coalsere CMC Port
cmc-port	3576/udp	Coalsere CMC Port
#		Chris Hawkinson <chawkinson@coalsere.com> August 2002
config-port	3577/tcp	Configuration Port
config-port	3577/udp	Configuration Port
data-port	3578/tcp	Data Port
data-port	3578/udp	Data Port
#		Anupam Bharali <abharali@peribit.com> August 2002
ttat3lb	3579/tcp	Tarantella Load Balancing
ttat3lb	3579/udp	Tarantella Load Balancing
#		Jim Musgrave <jimm@tarantella.com> August 2002
nati-svrloc	3580/tcp	NATI-ServiceLocator
nati-svrloc	3580/udp	NATI-ServiceLocator
#		Jason Case <jason.case@ni.com> August 2002
kfxaclicensing	3581/tcp	Ascent Capture Licensing
kfxaclicensing	3581/udp	Ascent Capture Licensing
#		Brad Hamilton <brad_hamilton@kofax.com> August 2002
press	3582/tcp	PEG PRESS Server
press	3582/udp	PEG PRESS Server
#		Jim DeLisle <jdelisle@swellsoftware.com> August 2002
canex-watch	3583/tcp	CANEX Watch System
canex-watch	3583/udp	CANEX Watch System
#		Peter Kollath <peter.kollath@canex.sk> August 2002
u-dbap	3584/tcp	U-DBase Access Protocol
u-dbap	3584/udp	U-DBase Access Protocol
#		Bodo Rueskamp <br@clabsms.de> August 2002
emprise-lls	3585/tcp	Emprise License Server
emprise-lls	3585/udp	Emprise License Server
emprise-lsc	3586/tcp	License Server Console
emprise-lsc	3586/udp	License Server Console
#		James J. Diaz <JDiaz@EmpriseCorporation.com> August 2002
p2pgroup	3587/tcp	Peer to Peer Grouping
p2pgroup	3587/udp	Peer to Peer Grouping
#		Igor Kostic <igor@microsoft.com> August 2002
sentinel	3588/tcp	Sentinel Server
sentinel	3588/udp	Sentinel Server
#		Ian Gordon <ian.s.gordon@btopenworld.com> August 2002
isomair	3589/tcp	isomair
isomair	3589/udp	isomair
#		Richard Fleming <richard@apoapsis.com> August 2002
wv-csp-sms	3590/tcp	WV CSP SMS Binding
wv-csp-sms	3590/udp	WV CSP SMS Binding
#		Matti Salmi <matti.salmi@nokia.com> August 2002
gtrack-server	3591/tcp	LOCANIS G-TRACK Server
gtrack-server	3591/udp	LOCANIS G-TRACK Server
gtrack-ne	3592/tcp	LOCANIS G-TRACK NE Port
gtrack-ne	3592/udp	LOCANIS G-TRACK NE Port
#		Juergen.Edelhaeuser <Juergen.Edelhaeuser@locanis.com> August 2002
bpmd	3593/tcp	BP Model Debugger
bpmd	3593/udp	BP Model Debugger
#		Keith Fligg <keith@projtech.com> September 2002
mediaspace	3594/tcp	MediaSpace
mediaspace	3594/udp	MediaSpace
shareapp	3595/tcp	ShareApp
shareapp	3595/udp	ShareApp

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# Jeff King <jking@wave3software.com> September 2002
iw-mmogame 3596/tcp Illusion Wireless MMOG
iw-mmogame 3596/udp Illusion Wireless MMOG
# Jan Vrsinsky <jan.vrsinsky@illusionsoftworks.com> September 2002
a14 3597/tcp A14 (AN-to-SC/MM)
a14 3597/udp A14 (AN-to-SC/MM)
a15 3598/tcp A15 (AN-to-AN)
a15 3598/udp A15 (AN-to-AN)
# David Ott <dott@qualcomm.com> September 2002
quasar-server 3599/tcp Quasar Accounting Server
quasar-server 3599/udp Quasar Accounting Server
# Brad Pepers <brad@linuxcanada.com> September 2002
trap-daemon 3600/tcp text relay-answer
trap-daemon 3600/udp text relay-answer
# John Willis <jwillis@arielusa.com> September 2002
visinet-gui 3601/tcp Visinet Gui
visinet-gui 3601/udp Visinet Gui
# Jeff Douglass <ist@att.net> September 2002
infiniswitchcl 3602/tcp InfiniSwitch Mgr Client
infiniswitchcl 3602/udp InfiniSwitch Mgr Client
# Lee VanTine <lvantine@infiniswitc.com> September 2002
int-rcv-cntrl 3603/tcp Integrated Rcvr Control
int-rcv-cntrl 3603/udp Integrated Rcvr Control
# Dave Stone <dstone01@harris.com> September 2002
bmc-jmx-port 3604/tcp BMC JMX Port
bmc-jmx-port 3604/udp BMC JMX Port
# Mike Behne <Mike_Behne@bmc.com> September 2002
comcam-io 3605/tcp ComCam IO Port
comcam-io 3605/udp ComCam IO Port
# Don Gilbreath <don@comcam.net> September 2002
splitlock 3606/tcp Splitlock Server
splitlock 3606/udp Splitlock Server
# Andrew Tune <Andrew.Tune@splitlock.com> September 2002
precise-i3 3607/tcp Precise I3
precise-i3 3607/udp Precise I3
# Tomer Shain <tshain@precise.com> September 2002
trendchip-dcp 3608/tcp Trendchip control protocol
trendchip-dcp 3608/udp Trendchip control protocol
# Ming-Jen Chen <mjchen@trendchip.com.tw> September 2002
cpdi-pidas-cm 3609/tcp CPDI PIDAS Connection Mon
cpdi-pidas-cm 3609/udp CPDI PIDAS Connection Mon
# Tony Splayer <tony@cpdi.com> September 2002
echonet 3610/tcp ECHONET
echonet 3610/udp ECHONET
# Takeshi Saito <takeshi.saito@toshiba.co.jp> September 2002
six-degrees 3611/tcp Six Degrees Port
six-degrees 3611/udp Six Degrees Port
# Zach Nies <znies@creo.com> September 2002
hp-dataprotect 3612/tcp HP Data Protector
hp-dataprotect 3612/udp HP Data Protector
# Stephen Gold <stephen_gold@hp.com> September 2002
alaris-disc 3613/tcp Alaris Device Discovery
alaris-disc 3613/udp Alaris Device Discovery
# Chris McAllen <cmcallen@alarismed.com> October 2002
sigma-port 3614/tcp Invensys Sigma Port
sigma-port 3614/udp Invensys Sigma Port
# Dr. Sajed Husein <sajed.husein@invensys.com> October 2002
start-network 3615/tcp Start Messaging Network
start-network 3615/udp Start Messaging Network
# Peter Rocca <rocca@multiboard.com> October 2002
cd3o-protocol 3616/tcp cd3o Control Protocol
cd3o-protocol 3616/udp cd3o Control Protocol
# Chris Wilcox <cwilcox@cd3o.com> October 2002
sharp-server 3617/tcp ATI SHARP Logic Engine
sharp-server 3617/udp ATI SHARP Logic Engine
# Bill Reveile <Bill@allentek.com>
airnet-1 3618/tcp AAIR-Network 1
airnet-1 3618/udp AAIR-Network 1
airnet-2 3619/tcp AAIR-Network 2
airnet-2 3619/udp AAIR-Network 2
# James Mealey <jymealey@yahoo.com> October 2002
ep-pcp 3620/tcp EPSON Projector Control Port
ep-pcp 3620/udp EPSON Projector Control Port
ep-nsp 3621/tcp EPSON Network Screen Port
ep-nsp 3621/udp EPSON Network Screen Port
# SEIKO EPSON <Sato.Minoru3@exc.epson.co.jp> October 2002
ff-lr-port 3622/tcp FF LAN Redundancy Port
ff-lr-port 3622/udp FF LAN Redundancy Port

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# Fieldbus Foundation <dave.glanzer@fieldbus.org> October 2002
haipe-discover 3623/tcp HAIPIIS Dynamic Discovery
haipe-discover 3623/udp HAIPIIS Dynamic Discovery
# Mike Irani <irani_mike@bah.com> October 2002
dist-upgrade 3624/tcp Distributed Upgrade Port
dist-upgrade 3624/udp Distributed Upgrade Port
# Jason Schoon <jason.schoon@intermec.com> October 2002
volley 3625/tcp Volley
volley 3625/udp Volley
# David Catmull <uncommon@uncommonplace.com> October 2002
bvcd daemon-port 3626/tcp bvControl Daemon
bvcd daemon-port 3626/udp bvControl Daemon
# Ravi Gokhale <rgokhale@bindview.com> October 2002
jamserverport 3627/tcp Jam Server Port
jamserverport 3627/udp Jam Server Port
# Art Pope <apope@sarnoff.com> October 2002
ept-machine 3628/tcp EPT Machine Interface
ept-machine 3628/udp EPT Machine Interface
# Victor H. Farrace <vfarrace@eaglept.com> October 2002
escvpnet 3629/tcp ESC/VP.net
escvpnet 3629/udp ESC/VP.net
# Hiroyuki Hashimoto <easym@exc.epson.co.jp> October 2002
cs-remote-db 3630/tcp C&S Remote Database Port
cs-remote-db 3630/udp C&S Remote Database Port
cs-services 3631/tcp C&S Web Services Port
cs-services 3631/udp C&S Web Services Port
# Computer Software GmbH <BrunoRistok@cs-ag.de> October 2002
distcc 3632/tcp distributed compiler
distcc 3632/udp distributed compiler
# Martin Pool <mbp@samba.org> November 2002
wacp 3633/tcp Wyrnix AIS port
wacp 3633/udp Wyrnix AIS port
# Harry T. Vennik <htvennik@zonnet.nl> November 2002
hlibmgr 3634/tcp hNTSP Library Manager
hlibmgr 3634/udp hNTSP Library Manager
# Kenji Tetsuyama <kenji@onkyo.co.jp> November 2002
sdo 3635/tcp Simple Distributed Objects
sdo 3635/udp Simple Distributed Objects
# Alexander Philippou <alex@noemax.com> November 2002
opscenter 3636/tcp OpsCenter
opscenter 3636/udp OpsCenter
# Ralph Campbell <ralph.campbell@xasystems.com> November 2002
scservp 3637/tcp Customer Service Port
scservp 3637/udp Customer Service Port
# Jonathan A. Zdziarski <johathan@networkdweebs.com> November 2002
ehp-backup 3638/tcp EHP Backup Protocol
ehp-backup 3638/udp EHP Backup Protocol
# Ed Fair <ed_fair@yahoo.com> November 2002
xap-ha 3639/tcp Extensible Automation
xap-ha 3639/udp Extensible Automation
# Mark Harrison <Mark@xapautomation.org> November 2002
netplay-port1 3640/tcp Netplay Port 1
netplay-port1 3640/udp Netplay Port 1
netplay-port2 3641/tcp Netplay Port 2
netplay-port2 3641/udp Netplay Port 2
# Predrag Filipovic <pfilipovic@digital5.com> November 2002
juxml-port 3642/tcp Juxml Replication port
juxml-port 3642/udp Juxml Replication port
# Colin Reid <creid@projux.com> November 2002
audiojuggler 3643/tcp AudioJuggler
audiojuggler 3643/udp AudioJuggler
# Morten Mertner <mm@audiojuggler.com> November 2002
ssowatch 3644/tcp ssowatch
ssowatch 3644/udp ssowatch
# Stephane Vinsot <vinsot@enatel.com> November 2002
cyc 3645/tcp Cyc
cyc 3645/udp Cyc
# Stephen Reed <reed@cyc.com> January 2003
xss-srv-port 3646/tcp XSS Server Port
xss-srv-port 3646/udp XSS Server Port
# Joe Purcell <jpurcell@ensuretech.com> January 2003
splitlock-gw 3647/tcp Splitlock Gateway
splitlock-gw 3647/udp Splitlock Gateway
# Andrew Tune <Andrew.Tune@splitlock.com> January 2003
fjcp 3648/tcp Fujitsu Cooperation Port
fjcp 3648/udp Fujitsu Cooperation Port
# Kouji Sugisawa <sugisawa.kouji@soft.fujitsu.com> January 2003
nmmp 3649/tcp Nishioka Miyuki Msg Protocol

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nmpmp	3649/udp	Nishioka Miyuki Msg Protocol
#		TAKEDA Hiroyuki <takeda@atashi.net> January 2003
prismiq-plugin	3650/tcp	PRISMIQ VOD plug-in
prismiq-plugin	3650/udp	PRISMIQ VOD plug-in
#		Richard Hodges <rhodges@prismiq.com> January 2003
xrpc-registry	3651/tcp	XRPC Registry
xrpc-registry	3651/udp	XRPC Registry
#		Slava Monich <Slava.Monich@nokia.com> January 2003
vxcrnbuport	3652/tcp	VxCR NBU Default Port
vxcrnbuport	3652/udp	VxCR NBU Default Port
#		Boris Star <boris.star@veritas.com> January 2003
tsp	3653/tcp	Tunnel Setup Protocol
tsp	3653/udp	Tunnel Setup Protocol
#		Marc Blanchet <Marc.Blanchet@viagenie.qc.ca> January 2003
vaprtm	3654/tcp	VAP RealTime Messenger
vaprtm	3654/udp	VAP RealTime Messenger
#		Boris Polevoy <vapcom@mail.ru> January 2003
abatemgr	3655/tcp	ActiveBatch Exec Agent
abatemgr	3655/udp	ActiveBatch Exec Agent
abatjss	3656/tcp	ActiveBatch Job Scheduler
abatjss	3656/udp	ActiveBatch Job Scheduler
#		Ben Rosenberg <brosenberg@advsyscon.com> January 2003
immedianet-bcn	3657/tcp	ImmediaNet Beacon
immedianet-bcn	3657/udp	ImmediaNet Beacon
#		Bill Homan <bhoman@spanworks.com> January 2003
ps-ams	3658/tcp	PlayStation AMS (Secure)
ps-ams	3658/udp	PlayStation AMS (Secure)
#		Edgar Alan Tu <Edgar_Tu@playstation.sony.com> January 2003
apple-sasl	3659/tcp	Apple SASL
apple-sasl	3659/udp	Apple SASL
#		David M. O'Rourke <daveo@apple.com> January 2003
can-nds-ssl	3660/tcp	Candle Directory Services using SSL
can-nds-ssl	3660/udp	Candle Directory Services using SSL
can-ferret-ssl	3661/tcp	Candle Directory Services using SSL
can-ferret-ssl	3661/udp	Candle Directory Services using SSL
#		Nic Catrambone <Nic_Catrambond@candle.com> January 2003
pserver	3662/tcp	pserver
pserver	3662/udp	pserver
#		Patrick Furlong <pfurlong@darkknight.ca> January 2003
dtpp	3663/tcp	DIRECWAY Tunnel Protocol
dtpp	3663/udp	DIRECWAY Tunnel Protocol
#		Greg Gee <ggee@hns.com> January 2003
ups-engine	3664/tcp	UPS Engine Port
ups-engine	3664/udp	UPS Engine Port
ent-engine	3665/tcp	Enterprise Engine Port
ent-engine	3665/udp	Enterprise Engine Port
#		Mike Delgrosso <mdelgros@tripplite.com> January 2003
eserver-pap	3666/tcp	IBM eServer PAP
eserver-pap	3666/udp	IBM EServer PAP
#		Dave Gimpl <gimpl@us.ibm.com> January 2003
infoexch	3667/tcp	IBM Information Exchange
infoexch	3667/udp	IBM Information Exchange
#		Paul Ford-Hutchinson <paulfordh@uk.ibm.com> January 2003
dell-rm-port	3668/tcp	Dell Remote Management
dell-rm-port	3668/udp	Dell Remote Management
#		Bradley Bransom <bradley_bransom@dell.com> January 2003
casanswmgmt	3669/tcp	CA SAN Switch Management
casanswmgmt	3669/udp	CA SAN Switch Management
#		Emre Tunar <emre.tunar@ca.com> January 2003
smile	3670/tcp	SMILE TCP/UDP Interface
smile	3670/udp	SMILE TCP/UDP Interface
#		Andre Petras <A_Petras@web.de> January 2003
efcp	3671/tcp	e Field Control (EIBnet)
efcp	3671/udp	e Field Control (EIBnet)
#		Marc Goossens <mgoossens@eiba.com> January 2003
lispworks-orb	3672/tcp	LispWorks ORB
lispworks-orb	3672/udp	LispWorks ORB
#		Lisp Support <lisp-support@xanalys.com>
mediavault-gui	3673/tcp	Openview Media Vault GUI
mediavault-gui	3673/udp	Openview Media Vault GUI
#		Stephen Gold <stephen_gold@hp.com> January 2003
wininstall-ipc	3674/tcp	WinINSTALL IPC Port
wininstall-ipc	3674/udp	WinINSTALL IPC Port
#		Bill Somerville <Bill.Somerville@OnDemandSoftware.com> January 2003
calltrax	3675/tcp	CallTrax Data Port
calltrax	3675/udp	CallTrax Data Port
#		Oliver Bailey <zzf66jjlm@time-lines.com> January 2003
va-pacbase	3676/tcp	VisualAge Pacbase server

va-pacbase	3676/udp	VisualAge Pacbase server
#		Dominique Lelievre <dominique.lelievre@fr.ibm.com> January 2003
roverlog	3677/tcp	RoverLog IPC
roverlog	3677/udp	RoverLog IPC
#		Tom Mayo <tmayo1@rochester.rr.com> January 2003
ipr-dglt	3678/tcp	DataGuardianLT
ipr-dglt	3678/udp	DataGuardianLT
#		Bruce Carlson <bruce.carlson@iprintl.com> January 2003
newton-dock	3679/tcp	Newton Dock
newton-dock	3679/udp	Newton Dock
npds-tracker	3680/tcp	NPDS Tracker
npds-tracker	3680/udp	NPDS Tracker
#		Paul Guyot <pguyot@kallisys.net> January 2003
bts-x73	3681/tcp	BTS X73 Port
bts-x73	3681/udp	BTS X73 Port
#		Todd Cooper <todd@DO11073.com> January 2003
cas-mapi	3682/tcp	EMC SmartPackets-MAPI
cas-mapi	3682/udp	EMC SmartPackets-MAPI
#		Koen Schoofs <schoofs_koen@emc.com> January 2003
bmc-ea	3683/tcp	BMC EDV/EA
bmc-ea	3683/udp	BMC EDV/EA
#		Jeffrey Glanz <jeffrey_glanz@bmc.com> January 2003
faxstfx-port	3684/tcp	FAXstfX
faxstfx-port	3684/udp	FAXstfX
#		Alec Carlson <acarlson@smithmicro.com> January 2003
dsx-agent	3685/tcp	DS Expert Agent
dsx-agent	3685/udp	DS Expert Agent
#		NetPro Computing <ports@netpro.com> January 2003
tnmpv2	3686/tcp	Trivial Network Management
tnmpv2	3686/udp	Trivial Network Management
#		Andrea Premoli <Andrea_maria.Premoli@icn.siemens.it> January 2003
simple-push	3687/tcp	simple-push
simple-push	3687/udp	simple-push
simple-push-s	3688/tcp	simple-push Secure
simple-push-s	3688/udp	simple-push Secure
#		C. Enrique Ortiz <eortiz@j2medeveloper.com> January 2003
daap	3689/tcp	Digital Audio Access Protocol
daap	3689/udp	Digital Audio Access Protocol
#		Amandeep Jawa <daap@apple.com> January 2003
svn	3690/tcp	Subversion
svn	3690/udp	Subversion
#		Greg Hudson <ghudson@mit.edu> January 2003
magaya-network	3691/tcp	Magaya Network Port
magaya-network	3691/udp	Magaya Network Port
#		Jesus David Rodriguez <jesusdavid@magaya.com> February 2003
intelsync	3692/tcp	Brimstone IntelSync
intelsync	3692/udp	Brimstone IntelSync
#		Davey Taylor <davey.taylor@brimstone.net> February 2003
gttp	3693/tcp	GTTP
gttp	3693/udp	GTTP
vpntpp	3694/tcp	VPN Token Propagation Protocol
vpntpp	3694/udp	VPN Token Propagation Protocol
#		Ronald P. Bonica <Ronald.P.Bonica@mci.com> February 2003
bmc-data-coll	3695/tcp	BMC Data Collection
bmc-data-coll	3695/udp	BMC Data Collection
#		Randall De Weerd <rdeweerd@bmc.com> February 2003
telnetcpd	3696/tcp	Telnet Com Port Control
telnetcpd	3696/udp	Telnet Com Port Control
#		Thomas J. Pinkl <tom@pinkl.com> February 2003
nw-license	3697/tcp	NavisWorks License System
nw-license	3697/udp	NavisWorks Licnese System
#		Tim Wiegand <tim.wiegand@navisworks.com> February 2003
sagectlpanel	3698/tcp	SAGECTLPANEL
sagectlpanel	3698/udp	SAGECTLPANEL
#		Mark Gamble <mark.gamble@sage.com> February 2003
kpn-icw	3699/tcp	Internet Call Waiting
kpn-icw	3699/udp	Internet Call Waiting
#		B.J. Kortekaas <b.j.kortekaas@kpn.com> February 2003
lrs-paging	3700/tcp	LRS NetPage
lrs-paging	3700/udp	LRS NetPage
#		Geoffrey Wossum <geoffrey@pager.net> February 2003
netcelera	3701/tcp	NetCelera
netcelera	3701/udp	NetCelera
#		Tarek Nabhan <standards@itworx.com> February 2003
ws-discovery	3702/tcp	Web Service Discovery
ws-discovery	3702/udp	Web Service Discovery
#		Christian Huitema <huitema@microsoft.com> February 2003
adobeserver-3	3703/tcp	Adobe Server 3

adobeserver-3	3703/udp	Adobe Server 3
adobeserver-4	3704/tcp	Adobe Server 4
adobeserver-4	3704/udp	Adobe Server 4
adobeserver-5	3705/tcp	Adobe Server 5
adobeserver-5	3705/udp	Adobe Server 5
#		Frank Soetebeer <frsoeteb@adobe.com> January 2003
rt-event	3706/tcp	Real-Time Event Port
rt-event	3706/udp	Real-Time Event Port
rt-event-s	3707/tcp	Real-Time Event Secure Port
rt-event-s	3707/udp	Real-Time Event Secure Port
#		Terry Gin <terry_gin@inter-tel.com> February 2003
#	3708	Unassigned
ca-idms	3709/tcp	CA-IDMS Server
ca-idms	3709/udp	CA-IDMS Server
#		Dave Ross <david.ross@ca.com>
portgate-auth	3710/tcp	PortGate Authentication
portgate-auth	3710/udp	PortGate Authentication
#		Scott Harris <Scott@XRamp.com> February 2003
edb-server2	3711/tcp	EBD Server 2
edb-server2	3711/udp	EBD Server 2
#		Carlos Portela <cportela@simple-sw.com> February 2003
sentinel-ent	3712/tcp	Sentinel Enterprise
sentinel-ent	3712/udp	Sentinel Enterprise
#		Ian Gordon <ian@n-genltd.co.uk> March 2003
tftps	3713/tcp	TFTP over TLS
tftps	3713/udp	TFTP over TLS
#		Mark mayernick <Mark.Mayernick@thomson.net> March 2003
delos-dms	3714/tcp	DELOS Direct Messaging
delos-dms	3714/udp	DELOS Direct Messaging
#		Ekkehard Morgenstern <flnca@gmx.de> March 2003
anoto-rendezv	3715/tcp	Anoto Rendezvous Port
anoto-rendezv	3715/udp	Anoto Rendezvous Port
#		Ola Sandstrom <ola.sandstrom@anoto.com> March 2003
wv-csp-sms-cir	3716/tcp	WV CSP SMS CIR Channel
wv-csp-sms-cir	3716/udp	WV CSP SMS CIR Channel
wv-csp-udp-cir	3717/tcp	WV CSP UDP/IP CIR Channel
wv-csp-udp-cir	3717/udp	WV CSP UDP/IP CIR Channel
#		Jon Ingi Ingimundarson <jii@oz.com> March 2003
opus-services	3718/tcp	OPUS Server Port
opus-services	3718/udp	OPUS Server Port
#		Detlef Stoever <mail@ivotec.com> March 2003
itelserverport	3719/tcp	iTel Server Port
itelserverport	3719/udp	iTel Server Port
#		Mark Hendricks <markah@copper.net> March 2003
ufastro-instr	3720/tcp	UF Astro. Instr. Services
ufastro-instr	3720/udp	UF Astro. Instr. Services
#		David B. Hon <hon@astro.ufl.edu> March 2003
xsync	3721/tcp	Xsync
xsync	3721/udp	Xsync
xserveraid	3722/tcp	Xserve RAID
xserveraid	3722/udp	Xserve RAID
#		Bob Bradley <bradley@apple.com> March 2003
sychron	3723/tcp	Sychron Service Daemon
sychron	3723/udp	Sychron Service Daemon
#		Robert Marinelli <bob@sychron.com> March 2003
battlenet	3724/tcp	Blizzard Battlenet
battlenet	3724/udp	Blizzard Battlenet
#		Adrian Luff <aluff@blizzard.com> March 2003
na-er-tip	3725/tcp	Netia NA-ER Port
na-er-tip	3725/udp	Netia NA-ER Port
#		Jean-Pierre Garcia <jp.garcia@netia.net> April 2003
array-manager	3726/tcp	Xyrate Array Manager
array-manager	3726/udp	Xyartex Array Manager
#		David A. Lethe <david_lethe@us.xyrate.com> April 2003
e-mdu	3727/tcp	Ericsson Mobile Data Unit
e-mdu	3727/udp	Ericsson Mobile Data Unit
e-woa	3728/tcp	Ericsson Web on Air
e-woa	3728/udp	Ericsson Web on Air
#		Marco Casole <marco.casole@ericsson.com> April 2003
fksp-audit	3729/tcp	Fireking Audit Port
fksp-audit	3729/udp	Fireking Audit Port
#		Richard Thurman <richt@fireking.com> April 2003
client-ctrl	3730/tcp	Client Control
client-ctrl	3730/udp	Client Control
#		Lawrence W. Dunn <larrydunn@aptcomp.com> April 2003
smap	3731/tcp	Service Manager
smap	3731/udp	Service Manager
m-wnn	3732/tcp	Mobile Wnn

m-wnn	3732/udp	Mobile Wnn
#		Yasunari Yamashita <yamasita@omronsoft.co.jp> April 2003
multip-msg	3733/tcp	Multipuesto Msg Port
multip-msg	3733/udp	Multipuesto Msg Port
#		Felisa Ares <faa06@tid.es> April 2003
synel-data	3734/tcp	Synel Data Collection Port
synel-data	3734/udp	Synel Data Collection Port
#		David Ashkenazi <david@synel.co.il> April 2003
pwdis	3735/tcp	Password Distribution
pwdis	3735/udp	Password Distribution
#		Robert Erl <roerl@web.de> April 2003
rs-rmi	3736/tcp	RealSpace RMI
rs-rmi	3736/udp	RealSpace RMI
#		Barry McDarby <realspace@starwolf.biz> April 2003
#	3737	Unassigned (Removed 2003-02-26)
versatalk	3738/tcp	versaTalk Server Port
versatalk	3738/udp	versaTalk Server Port
#		Dr. Kingsley C. Nwosu <knwosu@aglowmail.com> April 2003
launchbird-lm	3739/tcp	Launchbird LicenseManager
launchbird-lm	3739/udp	Launchbird LicenseManager
#		Tom Hawkins <toml@launchbird.com> April 2003
heartbeat	3740/tcp	Heartbeat Protocol
heartbeat	3740/udp	Heartbeat Protocol
#		Jeroen Massar <jeroen@unfix.org> April 2003
wysdma	3741/tcp	WysDM Agent
wysdma	3741/udp	WysDM Agent
#		Jim McDonald <Jim.McDonald@sysdm.com> April 2003
cst-port	3742/tcp	CST - Configuration & Service Tracker
cst-port	3742/udp	CST - Configuration & Service Tracker
#		Hai Ou-Yang <hai.ou-yang@sun.com> April 2003
ipcs-command	3743/tcp	IP Control Systems Ltd.
ipcs-command	3743/udp	IP Control Systems Ltd.
#		Paul Anderson <paul.anderson@ip-cs.com> April 2003
sasg	3744/tcp	SASG
sasg	3744/udp	SASG
#		Cristian Petculescu <crisp@hotmail.com> April 2003
gw-call-port	3745/tcp	GWRTC Call Port
gw-call-port	3745/udp	GWRTC Call Port
#		Felisa Ares <faa06@tid.es> April 2003
linktest	3746/tcp	LXPRO.COM LinkTest
linktest	3746/udp	LXPRO.COM LinkTest
linktest-s	3747/tcp	LXPRO.COM LinkTest SSL
linktest-s	3747/udp	LXPRO.COM LinkTest SSL
#		Greg Bailey <gbailey@lxpro.com> April 2003
webdata	3748/tcp	webData
webdata	3748/udp	webData
#		Michael Whiteley <michael@whiteley.com> April 2003
cimtrak	3749/tcp	CimTrak
cimtrak	3749/udp	CimTrak
#		Robert E. Johnson, III <johnson.robert@cimcor.com> April 2003
cbos-ip-port	3750/tcp	CBOS/IP ncapsalation port
cbos-ip-port	3750/udp	CBOS/IP ncapsalatoin port
#		Thomas Dannemiller <tom.dannemiller@rolls-royce.com> April 2003
gprs-cube	3751/tcp	CommLinx GPRS Cube
gprs-cube	3751/udp	CommLinx GPRS Cube
#		Peter Johnson <peter@commlinx.com.au> April 2003
vipremoteagent	3752/tcp	Vigil-IP RemoteAgent
vipremoteagent	3752/udp	Vigil-IP RemoteAgent
#		Bryan Alvord <bryan@vaticor.com> April 2003
nattyserver	3753/tcp	NattyServer Port
nattyserver	3753/udp	NattyServer Port
#		Akira Saito <admin@kobu.com> April 2003
timestenbroker	3754/tcp	TimesTen Broker Port
timestenbroker	3754/udp	TimesTen Broker Port
#		David Aspinwall <aspinwall@TimesTen.com> April 2003
sas-remote-hlp	3755/tcp	SAS Remote Help Server
sas-remote-hlp	3755/udp	SAS Remote Help Server
#		Gary T. Ciampa <Gary.Ciampa@sas.com> April 2003
canon-capt	3756/tcp	Canon CAPT Port
canon-capt	3756/udp	Canon CAPT Port
#		Takashi Okazawa <okazawa.takashi@canon.co.jp> April 2003
grf-port	3757/tcp	GRF Server Port
grf-port	3757/udp	GRF Server Port
#		Robert Banfill <robert@banfill.net> April 2003
apw-registry	3758/tcp	apw RMI registry
apw-registry	3758/udp	apw RMI registry
#		Dan Davis <Dan.A.Davis@hp.com> April 2003
exapt-lmgr	3759/tcp	Exapt License Manager



exapt-lmgr	3759/udp	Exapt License Manager
#		Christoph Kukulies <info@exapt.de> April 2003
adtempusclient	3760/tcp	adTempus Client
adtempusclient	3760/udp	adTempus Client
#		Bill Wingate <bill.wingate@arcanadev.com> May 2003
gsakmp	3761/tcp	gsakmp port
gsakmp	3761/udp	gsakmp port
#		Uri Meth <umeth@sparta.com> June 2003
gbs-smp	3762/tcp	GBS SnapMail Protocol
gbs-smp	3762/udp	GBS SnapMail Protocol
#		Eric Harris-Braun <eric@glassbead.com> June 2003
xo-wave	3763/tcp	XO Wave Control Port
xo-wave	3763/udp	XO Wave Control Port
#		Bjorn Dittmer-Roche <bjorn@xowave.com> June 2003
mni-prot-rout	3764/tcp	MNI Protected Routing
mni-prot-rout	3764/udp	MNI Protected Routing
#		Tim Behne <timothyb@microwavenetworks.com> June 2003
rtracerroute	3765/tcp	Remote Traceroute
rtracerroute	3765/udp	Remote Traceroute
#		A. Blake Cooper <blake@cluebie.net> June 2003
listmgr-port	3767/tcp	ListMGR Port
listmgr-port	3767/udp	ListMGR Port
#		Takashi Kubota <kubota.takashi@pfu.fugitsu.com> June 2003
rblcheckd	3768/tcp	rblcheckd server daemon
rblcheckd	3768/udp	rblcheckd server daemon
#		Sabri Berisha <sabri@cluecentral.net> June 2003
haipe-otnk	3769/tcp	HAIPE Network Keying
haipe-otnk	3769/udp	HAIPE Network Keying
#		Mike Irani <irani@spawar.navy.mil> June 2003
cindycollab	3770/tcp	Cinderella Collaboration
cindycollab	3770/udp	Cinderella Collaboration
#		Ulrich Kortenkamp <kortenkamp@cinderella.de> June 2003
paging-port	3771/tcp	RTP Paging Port
paging-port	3771/udp	RTP Paging Port
#		Patrick Ferriter <Patrick.Ferriter@zultys.com> June 2003
ctp	3772/tcp	Chantry Tunnel Protocol
ctp	3772/udp	Chantry Tunnel Protocol
#		Inderpreet Singh <isingh@chantrynet.com> June 2003
ctdhercules	3773/tcp	ctdhercules
ctdhercules	3773/udp	ctdhercules
#		Carl Banzhof <cbanzhof@citadel.com> June 2003
zicom	3774/tcp	ZICOM
zicom	3774/udp	ZICOM
#		Sabu Das <sabud@zicomsecure.com> June 2003
ispmmgr	3775/tcp	ISPM Manager Port
ispmmgr	3775/udp	ISPM Manager Port
#		Eric Anderson <eanderson@netvision.com> June 2003
dvcprov-port	3776/tcp	Device Provisioning Port
dvcprov-port	3776/udp	Device Provisioning Port
#		Rob Lehew <rlehew@microsoft.com> June 2003
jibe-eb	3777/tcp	Jibe EdgeBurst
jibe-eb	3777/udp	Jibe EdgeBurst
#		Chap Tippin <chad.tippin@jibeinc.com> June 2003
c-h-it-port	3778/tcp	Cutler-Hammer IT Port
c-h-it-port	3778/udp	Cutler-Hammer IT Port
#		Thomas Ruchti <thomasruchti@eaton.com> June 2003
cognima	3779/tcp	Cognima Replication
cognima	3779/udp	Cognima Replication
#		Raplh Greenwell <ralph.greenwell@cognima.com> June 2003
nnp	3780/tcp	Nuzzler Network Protocol
nnp	3780/udp	Nuzzler Network Protocol
#		Andreas Schwarz <andreas.schwarz@securepoint.de> June 2003
abcvoice-port	3781/tcp	ABCvoice server port
abcvoice-port	3781/udp	ABCvoice server port
#		Carlos Gonzalez-Roman Ferrer <iana@abcdatos.com> June 2003
iso-tp0s	3782/tcp	Secure ISO TP0 port
iso-tp0s	3782/udp	Secure ISO TP0 port
#		Herbert Falk <herb@sisconet.com> June 2003
bim-pem	3783/tcp	Impact Mgr./PEM Gateway
bim-pem	3783/udp	Impact Mgr./PEM Gateway
#		Walter G. Giroir <walt_giroir@bmc.com> July 2003
bfd	3784/tcp	BFD
bfd	3784/udp	BFD
#		Dave Ward <dward@cisco.com> Dave Katz <dkatz@juniper.net> July 2003
bfd-control	3785/tcp	BFD-Control
bfd-control	3785/udp	BFD-Control
#		Dave Ward <dward@cisco.com> Dave Katz <dkatz@juniper.net> July 2003
upstriggervsw	3786/tcp	VSW Upstrigger port

upstriggervsw	3786/udp	VSW Upstrigger port
#		Mark-Tim Junghanns <mjunghanns@vangerow.de> July 2003
fintrx	3787/tcp	Fintrx
fintrx	3787/udp	Fintrx
#		Peter G.L. Potgieser <p.g.l.potgieser@interpay.nl> July 2003
isrp-port	3788/tcp	SPACEWAY Routing port
isrp-port	3788/udp	SPACEWAY Routing port
#		Vaibhav Kumar <vakumar@hns.com> July 2003
remotedeploy	3789/tcp	RemoteDeploy Administrati
remotedeploy	3789/udp	RemoteDeploy Administrati
#		Guenther Kroenert <guenther.kroenert@fujitsu-siemens.com> July 2003
quickbooksrds	3790/tcp	QuickBooks RDS
quickbooksrds	3790/udp	QuickBooks RDS
#		Almira <almira_niciu@intuit.com> July 2003
tvnetworkvideo	3791/tcp	TV NetworkVideo Data port
tvnetworkvideo	3791/udp	TV NetworkVideo Data port
#		Kevin Brunner <brunner@tivo.com> July 2003
sitewatch	3792/tcp	e-watch, Inc. SiteWatch
sitewatch	3792/udp	e-watch, Inc. Sitewatch
#		John M. Baird <jbaird@photot.com> July 2003
dcsoftware	3793/tcp	DataCore Software
dcsoftware	3793/udp	DataCore Software
#		Andre Cato <andre.cato@datacore.com> July 2003
jaus	3794/tcp	JAUS Robots
jaus	3794/udp	JAUS Robots
#		Steven B. Cliff <scliff@remotec-andros.com> July 2003
myblast	3795/tcp	myBLAST Mekentosj port
myblast	3795/udp	myBLAST Mekentosj port
#		Alexander Griekspoor <a.griekspoor@nki.nl> July 2003
spw-dialer	3796/tcp	Spaceway Dialer
spw-dialer	3796/udp	Spaceway Dialer
#		Patrick Fisher <pfisher@hns.com> July 2003
idps	3797/tcp	idps
idps	3797/udp	idps
#		Jean-Francois Rabasse <jfr@idps.org> July 2003
minilock	3798/tcp	Minilock
minilock	3798/udp	Minilock
#		Daniel Julio Reyes <danieljreyes@yahoo.com> August 2003
radius-dynauth	3799/tcp	RADIUS Dynamic Authorization
radius-dynauth	3799/udp	RADIUS Dynamic Authorization
#		RFC 3576 - July 2003
pwgpsi	3800/tcp	Print Services Interface
pwgpsi	3800/udp	Print Services Interface
#		Harry Lewis <harryl@us.ibm.com> May 2003
#	3801	Unassigned
vhd	3802/tcp	VHD
vhd	3802/udp	VHD
#		Chris Duncombe <cdunc@atpeng.com>
soniqsync	3803/tcp	SoniqSync
soniqsync	3803/udp	SoniqSync
#		Ryan Melville <ryan_melville@soniqcast.com> January 2004
iqnet-port	3804/tcp	Harman IQNet Port
iqnet-port	3804/udp	Harman IQNet Port
#		Bruce Vander Werf <bvanderwerf@crowntnl.com> February 2004
tcpdataserver	3805/tcp	ThorGuard Server Port
tcpdataserver	3805/udp	ThorGuard Server Port
#		Joel E. Steiger <jsteiger@eic-us.com> February 2004
wsmalb	3806/tcp	Remote System Manager
wsmalb	3806/udp	Remote System Manager
#		Thomas Fiege <tfiege@us.ibm.com> February 2004
spugna	3807/tcp	SpuGNA Communication Port
spugna	3807/udp	SpuGNA Communication Port
#		Samuele Sequi <samuelesequi@defcom.it> February 2004
#	3808-3809	Unassigned
wlanauth	3810/tcp	WLAN AS server
wlanauth	3810/udp	WLAN AS server
#		Bianling Zhang <blzhang@iwncomm.com> February 2004
amp	3811/tcp	AMP
amp	3811/udp	AMP
#		Northon Rodrigues <northon.rodrigues@thomson.net> February 2004
neto-wol-server	3812/tcp	netO WOL Server
neto-wol-server	3812/udp	netO WOL Server
#		Martin Bestmann <martin@no.netopia.com> March 2004
rap-ip	3813/tcp	Rhapsody Interface Protocol
rap-ip	3813/udp	Rhapsody Interface Protocol
#		Paul Zander (Philips CFT) <p.j.zander@philips.com> March 2004
neto-dcs	3814/tcp	netO DCS
neto-dcs	3814/udp	netO DCS

#		Martin Bestmann <martin@no.netopia.com> March 2004
lansurveyorxml	3815/tcp	LANSurveyor XML
lansurveyorxml	3815/udp	LANSurveyor XML
#		Michael Swan <swan@neon.com> April 2004
sunlps-http	3816/tcp	Sun Local Patch Server
sunlps-http	3816/udp	Sun Local Patch Server
#		Barry Greenberg <barry.greenberg@sun.com> April 2004
tapeware	3817/tcp	Yosemite Tech Tapeware
tapeware	3817/udp	Yosemite Tech Tapeware
#		Luke Dion <ldion@tapeware.com> April 2004
crinis-hb	3818/tcp	Crinis Heartbeat
crinis-hb	3818/udp	Crinis Heartbeat
#		Eric McMurry <emcmurry@crinisnetworks.com> April 2004
#	3819-3837	Unassigned
sos	3838/tcp	Scito Object Server
sos	3838/udp	Scito Object Server
#		Arno Klaassen <arno@ccr.jussieu.fr> November 2003
amx-mtgman	3839/tcp	AMX MeetingManager
amx-mtgman	3839/udp	AMX MeetingManager
#		Rob Ward <rob.ward@amx.com> November 2003
flirtmitmir	3840/tcp	www.FlirtMitMir.de
flirtmitmir	3840/udp	www.FlirtMitMir.de
#		Carsten Falticska <falticska@freenet.de> November 2003
zfirm-shiprush3	3841/tcp	Z-Firm ShipRush v3
zfirm-shiprush3	3841/udp	Z-Firm ShipRush v3
#		Rafael Zimmeroff <rafael@zfirmllc.com> November 2003
nhci	3842/tcp	NHCI status port
nhci	3842/udp	NHCI status port
#		Eric Welch <eric@innosys.com> November 2003
quest-agent	3843/tcp	Quest Common Agent
quest-agent	3843/udp	Quest Common Agent
#		Peter Maher <quest_iana@oz.quest.com> November 2003
rnm	3844/tcp	RNM
rnm	3844/udp	RNM
#		sn0w of renegade labs <sn0w@devious.tsongkie.com> November 2003
v-one-spp	3845/tcp	V-ONE Single Port Proxy
v-one-spp	3845/udp	V-ONE Single Port Proxy
#		Daniel Becker <dbecker@v-one.com>
an-pcp	3846/tcp	Astare Network PCP
an-pcp	3846/udp	Astare Network PCP
#		Tony Gulino <astaregod@hotmail.com> August 2003
msfw-control	3847/tcp	MS Firewall Control
msfw-control	3847/udp	MS Firewall Control
#		Oren Trutner <orentrut@microsoft.com> August 2003
item	3848/tcp	IT Environmental Monitor
item	3848/udp	IT Environmental Monitor
#		Keith Wright <kwright@sensatronics.com> August 2003
spw-dnspreload	3849/tcp	SPACEWAY DNS Preload
spw-dnspreload	3849/udp	SPACEWAY DNS Preload
#		Daniel Friedman <dfriedman@hns.com> August 2003
qtms-bootstrap	3850/tcp	QTMS Bootstrap Protocol
qtms-bootstrap	3850/udp	QTMS Bootstrap Protocol
#		Phil Willis <phil.willis@prism-uk.com> August 2003
spectraport	3851/tcp	SpectraTalk Port
spectraport	3851/udp	SpectraTalk Port
#		Madhav Karhade <madhav.karhade@wibhu.com> August 2003
sse-app-config	3852/tcp	SSE App Configuration
sse-app-config	3852/udp	SSE App Configuration
#		Tim Wilson <tim.wilson@motorola.com> August 2003
sscan	3853/tcp	SONY scanning protocol
sscan	3853/udp	SONY scanning protocol
#		Takashi Aihara <aiharat@sm.sony.co.jp> August 2003
stryker-com	3854/tcp	Stryker Comm Port
stryker-com	3854/udp	Stryker Comm Port
#		Andrew Schultz <aschultz@strykercom.com> August 2003
opentrac	3855/tcp	OpenTRAC
opentrac	3855/udp	OpenTRAC
#		Scott Miller <scott@opentrac.org> August 2003
informer	3856/tcp	INFORMER
informer	3856/udp	INFORMER
#		Filippo Fadda <fadda@osway.com> August 2003
trap-port	3857/tcp	Trap Port
trap-port	3857/udp	Trap Port
#		Norm Freedman <normfree@san.rr.com> August 2003
trap-port-mom	3858/tcp	Trap Port MOM
trap-port-mom	3858/udp	Trap Port MOM
#		Norm Freedman <normfree@san.rr.com> August 2003
nav-port	3859/tcp	Navini Port

nav-port	3859/udp	Navini Port
#		Chris Sanders <csanders@navini.com> August 2003
ewlm	3860/tcp	eWLM
ewlm	3860/udp	eWLM
#		Alan Bivens <jbivens@us.ibm.com> August 2003
winshadow-hd	3861/tcp	winShadow Host Discovery
winshadow-hd	3861/udp	winShadow Host Discovery
#		Shu-Wei Tan <stan@omnicomtech.com> March 2003
giga-pocket	3862/tcp	GIGA-POCKET
giga-pocket	3862/udp	GIGA-POCKET
#		Yoshikazu Watanabe <nabe@sm.sony.co.jp>
asap-tcp	3863/tcp	asap tcp port
asap-tcp	3863/udp	asap tcp port
#		Lyndon Ong <lyong@ciena.com> August 2003
asap-tcp-tls	3864/tcp	asap/tls tcp port
asap-tcp-tls	3864/udp	asap/tls tcp port
#		Lyndon Ong <lyong@ciena.com> August 2003
xpl	3865/tcp	xpl automation protocol
xpl	3865/udp	xpl automation protocol
#		Ian Lowe <ian@xplproject.org.uk> August 2003
dzdaemon	3866/tcp	Sun SDViz DZDAEMON Port
dzdaemon	3866/udp	Sun SDViz DZDAEMON Port
#		Kevin Rushforth <kevin.rushforth@sun.com> August 2003
dzoglserver	3867/tcp	Sun SDViz DZOGLSERVER Port
dzoglserver	3867/udp	Sun SDViz DZOGLSERVER Port
#		Kevin Rushforth <kevin.rushforth@sun.com> August 2003
diameter	3868/tcp	DIAMETER
#	3868/udp	Reserved
diameter	3868/sctp	DIAMETER
#		RFC-ietf-aaa-diameter-17.txt
ovsam-mgmt	3869/tcp	hp OVSAM MgmtServer Disco
ovsam-mgmt	3869/udp	hp OVSAM MgmtServer Disco
#		Mike Pontillo <pontillo@hp.com> August 2003
ovsam-d-agent	3870/tcp	hp OVSAM HostAgent Disco
ovsam-d-agent	3870/udp	hp OVSAM HostAgent Disco
#		Mike Pontillo <pontillo@hp.com> August 2003
avocent-adsap	3871/tcp	Avocent DS Authorization
avocent-adsap	3871/udp	Avocent DS Authorization
#		Eduardo Fernandez <eduardo.fernandez@avocent.com> August 2003
oem-agent	3872/tcp	OEM Agent
oem-agent	3872/udp	OEM Agent
#		Narain Jagathesan <narain.jagathesan@oracle.com> November 2003
fagordnc	3873/tcp	fagordnc
fagordnc	3873/udp	fagordnc
#		Luis Zugasti <lzugasti@fagorautomation.es> November 2003
sixxsconfig	3874/tcp	SixXS Configuration
sixxsconfig	3874/udp	SixXS Configuration
#		Jeroen Massar <jeroen@unfix.org> November 2003
pnbscada	3875/tcp	PNBSCADA
pnbscada	3875/udp	PNBSCADA
#		Philip N. Bergstresser <phil@bergstresser.org>
dl_agent	3876/tcp	DirectoryLockdown Agent
dl_agent	3876/udp	DirectoryLockdown Agent
#		NetPro Computing <ports@netpro.com> October 2003
xmpcr-interface	3877/tcp	XMPCR Interface Port
xmpcr-interface	3877/udp	XMPCR Interface Port
#		Christopher Carlson <cjc@dobbz.com> October 2003
fotogcad	3878/tcp	FotoG CAD interface
fotogcad	3878/udp	FotoG CAD interface
#		Jason Szabo <jason.szabo@vexcel.com> October 2003
appss-lm	3879/tcp	appss license manager
appss-lm	3879/udp	appss license manager
#		Peter Krueger <krueger@appss.de> October 2003
microgrid	3880/tcp	microgrid
microgrid	3880/udp	microgrid
#		Huang Jingnan <huangjnb@lenovo.com> October 2003
idac	3881/tcp	Data Acquisition and Control
idac	3881/udp	Data Acquisition and Control
#		Chatziandreoglou Christos <chatzi@xan.forthnet.gr> October 2003
msdts1	3882/tcp	DTS Service Port
msdts1	3882/udp	DTS Service Port
#		Sergei Ivanov <sergei@microsoft.com> October 2003
vrpn	3883/tcp	VR Peripheral Network
vrpn	3883/udp	VR Peripheral Network
#		Russell M. Taylor II <taylor@cs.unc.edu> October 2003
softrack-meter	3884/tcp	SofTrack Metering
softrack-meter	3884/udp	SofTrack Metering
#		John T. McCann <jmccann@softwaremetering.com> October 2003

topflow-ssl	3885/tcp	TopFlow SSL
topflow-ssl	3885/udp	TopFlow SSL
#		Ken Nelson <nelson@TopLayer.com>
nei-management	3886/tcp	NEI management port
nei-management	3886/udp	NEI management port
#		Kevin Murphy <kevin.murphy@networkengines.com> October 2003
leogic-data	3887/tcp	Leogic Data Transport
leogic-data	3887/udp	Leogic Data Transport
#		Lars Eilebrecht <le+iana@leogic.com> October 2003
leogic-services	3888/tcp	Leogic Services
leogic-services	3888/udp	Leogic Services
#		Lars Eilebrecht <le+iana@leogic.com> October 2003
dandv-tester	3889/tcp	D and V Tester Control Port
dandv-tester	3889/udp	D and V Tester Control Port
#		Voiko Loukanov <v.loukanov@dvelectronics.com> October 2003
ndsconnect	3890/tcp	Niche Data Server Connect
ndsconnect	3890/udp	Niche Data Server Connect
#		Roland Schneider <rsch@nicherms.com> October 2003
rtc-pm-port	3891/tcp	Oracle RTC-PM port
rtc-pm-port	3891/udp	Oracle RTC-PM port
#		PV Shivkumar <p.shivkumar@oracle.com> October 2003
pcc-image-port	3892/tcp	PCC-image-port
pcc-image-port	3892/udp	PCC-image-port
#		Shiro Tamoto <tamoto.shiro@jp.panasonic.com> October 2003
cgi-starapi	3893/tcp	CGI StarAPI Server
cgi-starapi	3893/udp	CGI StarAPI Server
#		Garry Moore <garry.moore@cgi.com> October 2003
syam-agent	3894/tcp	SyAM Agent Port
syam-agent	3894/udp	SyAM Agent Port
#		Michael Daniele <michael.daniele@syamsoftware.com> October 2003
syam-smc	3895/tcp	SyAm SMC Service Port
syam-smc	3895/udp	SyAm SMC Service Port
#		Michael Daniele <michael.daniele@syamsoftware.com> October 2003
sdo-tls	3896/tcp	Simple Distributed Objects over TLS
sdo-tls	3896/udp	Simple Distributed Objects over TLS
#		Alexander Philippou <alex@noemax.com> October 2003
sdo-ssh	3897/tcp	Simple Distributed Objects over SSH
sdo-ssh	3897/udp	Simple Distributed Objects over SSH
#		Alexander Philippou <alex@noemax.com> October 2003
senip	3898/tcp	IAS, Inc. SmartEye NET Internet Protocol
senip	3898/udp	IAS, Inc. SmartEye NET Internet Protocol
#		Matt Nowicki <nowickim@iasdirect.com> October 2003
itv-control	3899/tcp	ITV Port
itv-control	3899/udp	ITV Port
#		Alex Nicu <alex.nicu@philips.com> October 2003
udt_os	3900/tcp	Unidata UDT OS
udt_os	3900/udp	Unidata UDT OS
#		James Powell <james@mailhost.unidata.com>
nimsh	3901/tcp	NIM Service Handler
nimsh	3901/udp	NIM Service Handler
#		Paul B. Finley <pfinley@us.ibm.com> October 2003
nimaux	3902/tcp	NIMsh Auxiliary Port
nimaux	3902/udp	NIMsh Auxiliary Port
#		Paul B. Finley <pfinley@us.ibm.com> October 2003
charsetmgr	3903/tcp	CharsetMGR
charsetmgr	3903/udp	CharsetMGR
#		Tatsuya Ueda <tatsu@ist.fujitsu.com> October 2003
omnilink-port	3904/tcp	Arnet Omnilink Port
omnilink-port	3904/udp	Arnet Omnilink Port
#		Ronen Shaul <ronen@arnetsystems.com> October 2003
mupdate	3905/tcp	Mailbox Update (MUPDATE) protocol
mupdate	3905/udp	Mailbox Update (MUPDATE) protocol
#		RFC-draft-siemborski-mupdate-04.txt October 2003
topovista-data	3906/tcp	TopoVista elevation data
topovista-data	3906/udp	TopoVista elevation data
#		Gregg Townsend <gmt@cs.arizona.edu> November 2003
imoguia-port	3907/tcp	Imoguia Port
imoguia-port	3907/udp	Imoguia Port
#		Emidio Cunha <emidio@janeladigital.com> November 2003
hpronetman	3908/tcp	HP Procurve NetManagement
hpronetman	3908/udp	HP Procurve NetManagement
#		Devon Dawson <devon.dawson@hp.com> November 2003
surfcontrolcpa	3909/tcp	SurfControl CPA
surfcontrolcpa	3909/udp	SurfControl CPA
#		Hywel Morgan <hywel@surfcontrol.com> November 2003
prnrequest	3910/tcp	Printer Request Port
prnrequest	3910/udp	Printer Request Port
#		Brett Green <brett_green@hp.com> November 2003

prnstatus	3911/tcp	Printer Status Port
prnstatus	3911/udp	Printer Status Port
#		Brett Green <brett_green@hp.com> November 2003
gbmt-stars	3912/tcp	Global Maintech Stars
gbmt-stars	3912/udp	Global Maintech Stars
#		Harry Goldschmitt <hgoldschmitt@hgac.com> November 2003
listcrt-port	3913/tcp	ListCREATOR Port
listcrt-port	3913/udp	ListCREATOR Port
#		Tomokazu Asai <asai.tomokazu@pfu.fujitsu.com> November 2003
listcrt-port-2	3914/tcp	ListCREATOR Port 2
listcrt-port-2	3914/udp	ListCREATOR Port 2
#		Tomokazu Asai <asai.tomokazu@pfu.fujitsu.com> November 2003
agcat	3915/tcp	Auto-Graphics Cataloging
agcat	3915/udp	Auto-Graphics Cataloging
#		Paul Cope <prc@auto-graphics.com> November 2003
wysdm	3916/tcp	WysDM Controller
wysdm	3916/udp	WysDM Controller
#		Jim McDonald <jim.mcdonald@sysdm.com> November 2003
aftmux	3917/tcp	AFT multiplex port
aftmux	3917/udp	AFT multiples port
#		Alfred Schmidt <a.schmidt@aft-werdohl.de> November 2003
pktcablemmcops	3918/tcp	PacketCableMultimediaCOPS
pktcablemmcops	3918/udp	PacketCableMultimediaCOPS
#		Eric Rosenfeld <e.rosenfeld@cablelabs.com> November 2003
hyperip	3919/tcp	HyperIP
hyperip	3919/udp	HyperIP
#		Dave Reiland <dave.reiland@netex.com> November 2003
exasoftport1	3920/tcp	Exasoft IP Port
exasoftport1	3920/udp	Exasoft IP Port
#		Alan Malik <alan@exasoft.co.uk> November 2003
herodotus-net	3921/tcp	Herodotus Net
herodotus-net	3921/udp	Herodotus Net
#		Adam Gawne-Cain <adam@gawncainresearch.co.uk> November 2003
sor-update	3922/tcp	Soronti Update Port
sor-update	3922/udp	Soronti Update Port
#		Carleton Watkins <carleton@soronti.com> November 2003
symb-sb-port	3923/tcp	Symbian Service Broker
symb-sb-port	3923/udp	Symbian Service Broker
#		Ian McDowall <ian.mcdowall@symbian.com> November 2003
mpl-gprs-port	3924/tcp	MPL_GPRS_PORT
mpl-gprs-port	3924/udp	MPL_GPRS_Port
#		David Barrass <david.barrass@minorplante.com> November 2003
zmp	3925/tcp	Zoran Media Port
zmp	3925/udp	Zoran Media Port
#		Gerard Cerchio <gjpc@circlesoft.com> November 2003
winport	3926/tcp	WINPort
winport	3926/udp	WINPort
#		Elwin Egger <eggea@hta-bi.bfh.ch> November 2003
natdataservice	3927/tcp	ScsTsr
natdataservice	3927/udp	ScsTsr
#		Ghanshyam Patel <gpatel@natinc.com> November 2003
netboot-pxe	3928/tcp	PXE NetBoot Manager
netboot-pxe	3928/udp	PXE NetBoot Manager
#		Markus Treinen <markus.treinen@siemens.com> November 2003
smauth-port	3929/tcp	AMS Port
smauth-port	3929/udp	AMS Port
#		Angelique Dokos <angelique.dokos@hp.com> November 2003
syam-webserver	3930/tcp	Syam Web Server Port
syam-webserver	3930/udp	Syam Web Server Port
#		Michael Daniele <michael.daniele@syamsoftware.com> November 2003
msr-plugin-port	3931/tcp	MSR Plugin Port
msr-plugin-port	3931/udp	MSR Plugin Port
#		Ron Steed <rsteed@cemaphore.com> November 2003
dyn-site	3932/tcp	Dynamic Site System
dyn-site	3932/udp	Dynamic Site System
#		Steve Qi <steve.qi@dyn-site.com> November 2003
plbserve-port	3933/tcp	PL/B App Server User Port
plbserve-port	3933/udp	PL/B App Server User Port
#		Edward R. Boedecker <boedeck1@flash.net> November 2003
sunfm-port	3934/tcp	PL/B File Manager Port
sunfm-port	3934/udp	PL/B File Manager Port
#		Edward R. Boedecker <boedeck1@flash.net> November 2003
sdp-portmapper	3935/tcp	SDP Port Mapper Protocol
sdp-portmapper	3935/udp	SDP Port Mapper Protocol
#		James Pinkerton <jpink@microsoft.com> November 2003
mailprox	3936/tcp	Mailprox
mailprox	3936/udp	Mailprox
#		Christof Drescher <drescher@mailprox.net> November 2003

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dvbserverdscport 3937/tcp DVB Service Disc Port
dvbserverdscport 3937/udp DVB Service Disc Port
# Bert van Willigen <bert.vanwilligen@philips.com> November 2003
dbcontrol_agent 3938/tcp Oracle dbControl Agent po
dbcontrol_agent 3938/udp Oracel dbControl Agent po
# Todd Guay <todd.guay@oracle.com> November 2003
aamp 3939/tcp Anti-virus Application Management Port
aamp 3939/udp Anti-virus Application Management Port
# In-sik Choi <iscard@virusdesk.com> February 2002
xecp-node 3940/tcp XeCP Node Service
xecp-node 3940/udp XeCP Node Service
# Brent McCullough <bmccullough@timemgmt.com> November 2003
homeportal-web 3941/tcp Home Portal Web Server
homeportal-web 3941/udp Home Portal Web Server
# Christian Beaumont <chrisb@lantronix.com> November 2003
srdp 3942/tcp satellite distribution
srdp 3942/udp satellite distribution
# Simone Molendini <simone.molendini@unile.it> November 2003
tig 3943/tcp TetraNode Ip Gateway
tig 3943/udp TetraNode Ip Gateway
# B. van Klinken <b.vklinken@rohill.nl> December 2003
sops 3944/tcp S-Ops Management
sops 3944/udp S-Ops Management
# Stefan Hochuli <iana.org@dunes.ch> December 2003
emcads 3945/tcp EMCADS Server Port
emcads 3945/udp EMCADS Server Port
# Jimi Thor Joergensen <jimi@giritech.com> January 2004
backupedge 3946/tcp BackupEDGE Server
backupedge 3946/udp BackupEDGE Server
# Frank Liberato <frank@microlite.com> June 2004
# 3947-3983 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>
# 3988-3994 Unassigned
iss-mgmt-ssl 3995/tcp ISS Management Svcs SSL
iss-mgmt-ssl 3995/udp ISS Management Svcs SSL
# Wes Wilson <wwilson@iss.net> October 2003
# 3996-3999 Unassigned
terabase 4000/tcp Terabase
terabase 4000/udp Terabase
# Thor 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/udp Accell/JSP Daemon Port
# Art Grand <aig@unify.com>
suucp 4031/tcp UUCP over SSL
suucp 4031/udp UUCP over SSL
# Harald Welte <laforge@gnumonks.org>
vrts-auth-port 4032/tcp VERITAS Authorization Service
vrts-auth-port 4032/udp VERITAS Authorization Service
# Stefan Winkel <stefan@veritas.com>
sanavigator 4033/tcp SANavigator Peer Port
sanavigator 4033/udp SANavigator Peer Port
# Robert J. Chansler <robert.chansler@mcddata.com>
ubxd 4034/tcp Ubiquinox Daemon
ubxd 4034/udp Ubiquinox Daemon
# Kit Smithers <ksmithers@argogroup.com>
wap-push-http 4035/tcp WAP Push OTA-HTTP port
wap-push-http 4035/udp WAP Push OTA-HTTP port
wap-push-https 4036/tcp WAP Push OTA-HTTP secure
wap-push-https 4036/udp WAP Push OTA-HTTP secure
# Matthieu Lachance
# <matthieu.lachance@openwave.com>
# 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

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# Johnny C. Norris II <jnorris@uiuc.edu>
ldxp          4042/tcp  LDXP
ldxp          4042/udp  LDXP
# Craig Calef <craig@katmango.com>
# 4043-4095  Unassigned
bre          4096/tcp  BRE (Bridge Relay Element)
bre          4096/udp  BRE (Bridge Relay Element)
# Stephen Egbert <egbert@ra.timeplex.com>
patrolview   4097/tcp  Patrol View
patrolview   4097/udp  Patrol View
# Vincent Chin <vincent_chin@bmc.com>
drmsfsd      4098/tcp  drmsfsd
drmsfsd      4098/udp  drmsfsd
# Masao Iwai <iwai@kel.fujitsu.co.jp>
dpcp         4099/tcp  DPCP
dpcp         4099/udp  DPCP
# John Croft <john.croft@calista.demon.co.uk>
igo-incognito 4100/tcp  IGo Incognito Data Port
igo-incognito 4100/udp  IGo Incognito Data Port
# Paul Reddy <support@igo-incognito.com> February 2002
# 4101-4113  Unassigned
jomamqmonitor 4114/tcp  JomaMQMonitor
jomamqmonitor 4114/udp  JomaMQMonitor
# Marcel Hofstetter <marcel.hofstetter@jomasoft.ch> January 2003
# 4115-4131  Unassigned
nuts_dem     4132/tcp  NUTS Daemon
nuts_dem     4132/udp  NUTS Daemon
nuts_bootp   4133/tcp  NUTS Bootp Server
nuts_bootp   4133/udp  NUTS Bootp Server
# Martin Freiss <freiss.pad@sni.>
nifty-hmi    4134/tcp  NIFTY-Serve HMI protocol
nifty-hmi    4134/udp  NIFTY-Serve HMI protocol
# Ryuichi Suzuki <SCI00376@niftyserve.or.jp>
# 4135-4137  Unassigned
nettest      4138/tcp  nettest
nettest      4138/udp  nettest
# David Borman <dab@windriver.com> March 2003
# 4139-4140  Unassigned
oirtgsvc     4141/tcp  Workflow Server
oirtgsvc     4141/udp  Workflow Server
oidocsvc     4142/tcp  Document Server
oidocsvc     4142/udp  Document Server
oidsr        4143/tcp  Document Replication
oidsr        4143/udp  Document Replication
# Norman Brie <norm_brie@sns.ca>
##### Compuserve (unofficially) is using port 4144 #####
# 4144  Unassigned
vvr-control  4145/tcp  VVR Control
vvr-control  4145/udp  VVR Control
# Ming Xu <ming@veritas.com>
# 4146-4153  Unassigned
atlinks      4154/tcp  atlinks device discovery
atlinks      4154/udp  atlinks device discovery
# Scott Griepentrog <griepentrog@atlinks.com> October 2002
# 4155-4159  Unassigned
jini-discovery 4160/tcp  Jini Discovery
jini-discovery 4160/udp  Jini Discovery
# Mark Hodapp <mark.hodapp@sun.com>
# 4161-4198  Unassigned
eims-admin   4199/tcp  EIMS ADMIN
eims-admin   4199/udp  EIMS ADMIN
# Glenn Anderson <glenn@qualcomm.co.nz>
vrml-multi-use 4200-4299 VRML Multi User Systems
# Mitra <mitra@earth.path.net>
corelccam    4300/tcp  Corel CCam
corelccam    4300/udp  Corel CCam
# Jason Aiken <jasona@corelcomputer.com>
# 4301-4320  Unassigned
rwhois       4321/tcp  Remote Who Is
rwhois       4321/udp  Remote Who Is
# Mark 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

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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>
fspportmap 4349/tcp File System Port Map
fspportmap 4349/udp File System Port Map
# Ron Minnich <rminnich@sarnoff.com>
net-device 4350/tcp Net Device
net-device 4350/udp Net Device
# Glenn Peterson <glennp@microsoft.com>
plcy-net-svcs 4351/tcp PLCY Net Services
plcy-net-svcs 4351/udp PLCY Net Services
# J.J. Ekstrom
# 4352 Unassigned
f5-iquery 4353/tcp F5 iQuery
f5-iquery 4353/udp F5 iQuery
# Tom Kee <t.kee@f5.com>
qsnet-trans 4354/tcp QSNet Transmitter
qsnet-trans 4354/udp QSNet Transmitter
qsnet-workst 4355/tcp QSNet Workstation
qsnet-workst 4355/udp QSNet Workstation
qsnet-assist 4356/tcp QSNet Assistant
qsnet-assist 4356/udp QSNet Assistant
qsnet-cond 4357/tcp QSNet Conductor
qsnet-cond 4357/udp QSNet Conductor
qsnet-nucl 4358/tcp QSNet Nucleus
qsnet-nucl 4358/udp QSNet Nucleus
# Neer Kleinman <neer@qsr.co.il>
# 4359-4425 Unassigned
beacon-port-2 4426/tcp SMARTS Beacon Port
beacon-port-2 4426/udp SMARTS Beacon Port
# Eyal Yardeni <eyal.yardeni@smarts.com> November 2003
# 4427-4441 Unassigned
saris 4442/tcp Saris
saris 4442/udp Saris
pharos 4443/tcp Pharos
pharos 4443/udp Pharos
# TeleConsult GmbH, 76275 Ettlingen, Germany
# <teleconsult@t-online.de>
krb524 4444/tcp KRB524
krb524 4444/udp KRB524
# B. Clifford Neuman <bcn@isi.edu>
# PROBLEM krb524 assigned the port,
# PROBLEM nv used it without an assignment
nv-video 4444/tcp NV Video default
nv-video 4444/udp NV Video default
# Ron Frederick <frederick@parc.xerox.com>
upnotifyp 4445/tcp UPNOTIFYP
upnotifyp 4445/udp UPNOTIFYP
# Mark Fox <markf@uplanet.com>
n1-fwp 4446/tcp N1-FWP
n1-fwp 4446/udp N1-FWP
n1-rmgmt 4447/tcp N1-RMGMT
n1-rmgmt 4447/udp N1-RMGMT
# Lori Tassin <Ramsey@network-1.com>
asc-slmd 4448/tcp ASC Licence Manager
asc-slmd 4448/udp ASC Licence Manager
# Casper Stoel <cbs@ascinc.com>
privatewire 4449/tcp PrivateWire
privatewire 4449/udp PrivateWire
# Uri Resnitzky <uri@arx.com>
camp 4450/tcp Camp
camp 4450/udp Camp
ctisystemmsg 4451/tcp CTI System Msg
ctisystemmsg 4451/udp CTI System Msg
ctiprogramload 4452/tcp CTI Program Load
ctiprogramload 4452/udp CTI Program Load
# Steven Cliff <sbcliff@controltechnology.com>
nssalertmgr 4453/tcp NSS Alert Manager
nssalertmgr 4453/udp NSS Alert Manager
nssagentmgr 4454/tcp NSS Agent Manager

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nssagentmgr	4454/udp	NSS Agent Manager
#		Jim Hill<jhill@symantec.com>
prchat-user	4455/tcp	PR Chat User
prchat-user	4455/udp	PR Chat User
prchat-server	4456/tcp	PR Chat Server
prchat-server	4456/udp	PR Chat Server
prRegister	4457/tcp	PR Register
prRegister	4457/udp	PR Register
#		Donny Gilor <dgilor@pop01.ny.us.ibm.net>
#	4458-4499	Unassigned
ipsec-msft	4500/tcp	Microsoft IPsec NAT-T
ipsec-msft	4500/udp	Microsoft IPsec NAT-T
#		Christian Huitema <Huitema@microsoft.com> March 2002
#	4501	De-registered (08 June 2001)
#		IANA <iana@iana.org>
#	4502-4544	Unassigned
worldscores	4545/tcp	WorldScores
worldscores	4545/udp	WorldScores
#		Steve Davis <sdavis@optum-inc.com>
sf-lm	4546/tcp	SF License Manager (Sentinel)
sf-lm	4546/udp	SF License Manager (Sentinel)
#		Thomas Koell <info@sf.com>
lanner-lm	4547/tcp	Lanner License Manager
lanner-lm	4547/udp	Lanner License Manager
#		Les Enstone <lenstone@lanner.co.uk>
#	4548-4554	Unassigned
rsip	4555/tcp	RSIP Port
rsip	4555/udp	RSIP Port
#		RFC 3103
#	4556-4558	Unassigned
hylafax	4559/tcp	HylaFAX
hylafax	4559/udp	HylaFAX
#		Lee Howard <iana@hylafax.org> March 2002
#	4560-4566	Unassigned
tram	4567/tcp	TRAM
tram	4567/udp	TRAM
#		Joe Wesley <joe.wesley@east.sun.com>
bmc-reporting	4568/tcp	BMC Reporting
bmc-reporting	4568/udp	BMC Reporting
#		Randall De Weerd <rdeweerd@bmc.com>
#	4569-4599	Unassigned
piranha1	4600/tcp	Piranha1
piranha1	4600/udp	Piranha1
piranha2	4601/tcp	Piranha2
piranha2	4601/udp	Piranha2
#		Primark Corporation <joe.boone@primark.com>
#	4602-4659	Unassigned
smaclmgr	4660/tcp	smaclmgr
smaclmgr	4660/udp	smaclmgr
#		Hiromi Taki <stg-togo@saint.nm.fujitsu.co.jp>
kar2ouche	4661/tcp	Kar2ouche Peer location service
kar2ouche	4661/udp	Kar2ouche Peer location service
#		Andy Krouwel <andy@kar2ouche.com>
#	4662-4671	Unassigned
rfa	4672/tcp	remote file access server
rfa	4672/udp	remote file access server
#	4673-4751	Unassigned
snap	4752/tcp	Simple Network Audio Protocol
snap	4752/udp	Simple Network Audio Protocol
#		Dameon Wagner <d.wagner@freemail.absa.co.za> February 2002
#	4753-4799	Unassigned
iims	4800/tcp	Icona Instant Messaging System
iims	4800/udp	Icona Instant Messaging System
iwec	4801/tcp	Icona Web Embedded Chat
iwec	4801/udp	Icona Web Embedded Chat
ilss	4802/tcp	Icona License System Server
ilss	4802/udp	Icona License System Server
#		Paul Stephen Borlie <paul@icona.it>
#	4803-4826	Unassigned
htcp	4827/tcp	HTCP
htcp	4827/udp	HTCP
#		Paul Vixie <paul@vix.com>
#	4828-4836	Unassigned
varadero-0	4837/tcp	Varadero-0
varadero-0	4837/udp	Varadero-0
varadero-1	4838/tcp	Varadero-1
varadero-1	4838/udp	Varadero-1
varadero-2	4839/tcp	Varadero-2

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varadero-2      4839/udp    Varadero-2
#              4839/udp    Carlos Arteaga <carteaga@abacoinc.com>
#              4840-4847 Unassigned
appserv-http   4848/tcp    App Server - Admin HTTP
appserv-http   4848/udp    App Server - Admin HTTP
appserv-https  4849/tcp    App Server - Admin HTTPS
appserv-https  4849/udp    App Server - Admin HTTPS
#              Sreeram Duvvuru <sduv@sfbay.sun.com> April 2002
#              4850-4867 Unassigned
phrelay        4868/tcp    Photon Relay
phrelay        4868/udp    Photon Relay
phrelaydbg     4869/tcp    Photon Relay Debug
phrelaydbg     4869/udp    Photon Relay Debug
#              Michael Hunter <mphunter@qnx.com>
#              4870-4884 Unassigned
abbs           4885/tcp    ABBS
abbs           4885/udp    ABBS
#              Ryan Rubley <root@ark.dyn.ml.org>
#              4886-4893 Unassigned
lyskom        4894/tcp    LysKOM Protocol A
lyskom        4894/udp    LysKOM Protocol A
#              Per Cederqvist <ceder@lysator.liu.se>
#              4895-4898 Unassigned
radmin-port    4899/tcp    RAdmin Port
radmin-port    4899/udp    RAdmin Port
#              Dmitri Znosko <support@radmin.com> March 2003
#              4900-4982 Unassigned
att-intercom   4983/tcp    AT&T Intercom
att-intercom   4983/udp    AT&T Intercom
#              Tony Hansen <intercom@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>
parallel       4989/tcp    Parallel for GAUSS (tm)
parallel       4989/udp    Parallel for GAUSS (tm)
#              Matthew Ford <Matthew.Ford@forward.com.au> March 2003
#              4990-4999 Unassigned
complex-main   5000/tcp
complex-main   5000/udp
complex-link   5001/tcp
complex-link   5001/udp
rfe            5002/tcp    radio free ethernet
rfe            5002/udp    radio free ethernet
fmpro-internal 5003/tcp    FileMaker, Inc. - Proprietary transport
fmpro-internal 5003/udp    FileMaker, Inc. - Proprietary name binding
#              Clay Maeckel <clay_maeckel@filemaker.com>
avt-profile-1  5004/tcp    avt-profile-1
avt-profile-1  5004/udp    avt-profile-1
avt-profile-2  5005/tcp    avt-profile-2
avt-profile-2  5005/udp    avt-profile-2
#              Henning Schulzrinne <schulzrinne@fokus.gmd.de>
wsm-server     5006/tcp    wsm server
wsm-server     5006/udp    wsm server
wsm-server-ssl 5007/tcp    wsm server ssl
wsm-server-ssl 5007/udp    wsm server ssl
#              Adam Berk <aberk@empirix.com>
synapsis-edge  5008/tcp    Synapsis EDGE
synapsis-edge  5008/udp    Synapsis EDGE
#              Paul Schilling <PaulS@Synapsis.com>
#              5009 Unassigned
telepathstart  5010/tcp    TelepathStart
telepathstart  5010/udp    TelepathStart
telepathattack 5011/tcp    TelepathAttack
telepathattack 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    Htutil Server for PLD2

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htuilsrv      5023/udp    Htuil Server for PLD2
#             Dennis Reinhardt <DennisR@dair.com>
scpi-telnet  5024/tcp    SCPI-TELNET
scpi-telnet  5024/udp    SCPI-TELNET
scpi-raw     5025/tcp    SCPI-RAW
scpi-raw     5025/udp    SCPI-RAW
#             Ryan Columbus <IANA_Contact@Agilent.com> October 2002
#             Unassigned
asnaacceler8db 5042/tcp    asnaacceler8db
asnaacceler8db 5042/udp    asnaacceler8db
#             Walter Goodwin <wpgoodwin@asna.com>
#             Unassigned
mmcc         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>
#             Unassigned
unot         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>
#             Unassigned
sip          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>
#             Unassigned
ca-1        5062-5063   Unassigned
ca-1        5064/tcp    Channel Access 1
ca-1        5064/udp    Channel Access 1
ca-2        5065/tcp    Channel Access 2
ca-2        5065/udp    Channel Access 2
#             Jeffrey Hill <johill@lanl.gov> August 2002
#             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>
#             Unassigned
i-net-2000-npr 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>
#             Unassigned
powerschool 5070        Unassigned
powerschool 5071/tcp    PowerSchool
powerschool 5071/udp    PowerSchool
#             Greg Porter <gporter@powerschool.com>
#             Unassigned
sdl-ets     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
#             Unassigned
sentinel-lm 5082-5092   Unassigned
sentinel-lm 5093/tcp    Sentinel LM
sentinel-lm 5093/udp    Sentinel LM
#             Derick Snyder <dsnyder@rainbow.com>
#             Unassigned
sentlm-srv2srv 5094-5098   Unassigned
sentlm-srv2srv 5099/tcp    SentLM Srv2Srv
sentlm-srv2srv 5099/udp    SentLM Srv2Srv
#             Derick Snyder <dsnyder@rainbow.com>
#             Unassigned
talarian-tcp 5100        Unassigned
talarian-tcp 5101/tcp    Talarian_TCP
talarian-udp 5101/udp    Talarian_UDP
#             Leo Martins <leo@talarian.com>
#             Unassigned
ctsd        5102-5136   Unassigned
ctsd        5137/tcp    MyCTS server port
ctsd        5137/udp    MyCTS server port
#             Jilles Oldenbeuving <ojilles@hotmail.com> June 2002
#             Unassigned
rmonitor_secure 5138-5144   Unassigned
rmonitor_secure 5145/tcp    RMONITOR SECURE
rmonitor_secure 5145/udp    RMONITOR SECURE
#             Kory Hamzeh <kory@ascend.com>

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# 5146-5149 Unassigned
atmp 5150/tcp Ascend Tunnel Management Protocol
atmp 5150/udp Ascend Tunnel Management Protocol
# Kory Hamzeh <kory@ascend.com>
esri_sde 5151/tcp ESRI SDE Instance
esri_sde 5151/udp ESRI SDE Remote Start
sde-discovery 5152/tcp ESRI SDE Instance Discovery
sde-discovery 5152/udp ESRI SDE Instance Discovery
# Peter Aronson <paronson@esri.com>
# 5153 Unassigned
bzflag 5154/tcp BZFlag game server
bzflag 5154/udp BZFlag game server
# Tim Riker <tim@rikers.org> July 2003
# 5155-5164 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
targus-getdata1 5201/udp TARGUS GetData 1
targus-getdata2 5202/tcp TARGUS GetData 2
targus-getdata2 5202/udp TARGUS GetData 2
targus-getdata3 5203/tcp TARGUS GetData 3
targus-getdata3 5203/udp TARGUS GetData 3
# John Keaveney <johnkeaveney@targusinfo.com>
# 5204-5221 Unassigned
xmpp-client 5222/tcp XMPP Client Connection
xmpp-client 5222/udp XMPP Client Connection
# Peter Saint-Andre <stpeter@jabber.org> February 2002
# 5223-5224 Unassigned
hp-server 5225/tcp HP Server
hp-server 5225/udp HP Server
hp-status 5226/tcp HP Status
hp-status 5226/udp HP Status
# Brett Green <Brett_Green@HP.Com>
# 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
# 5251-5263 Unassigned
3com-njack-1 5264/tcp 3Com Network Jack Port 1
3com-njack-1 5264/udp 3Com Network Jack Port 1
3com-njack-2 5265/tcp 3Com Network Jack Port 2
3com-njack-2 5265/udp 3Com Network Jack Port 2
# Abhay Rajaram <Abhay_Rajaram@3Com.com> March 2003
# 5266-5268 Unassigned
xmpp-server 5269/tcp XMPP Server Connection
xmpp-server 5269/udp XMPP Server Connection
# Peter Saint-Andre <stpeter@jabber.org> February 2002
# 5270-5271 Unassigned
pk 5272/tcp PK
pk 5272/udp PK
# Patrick Kara <Patrick@EBA.NET>
# 5273-5281 Unassigned
transmit-port 5282/tcp Marimba Transmitter Port
transmit-port 5282/udp Marimba Transmitter Port
# Johan Eriksson <johan@marimba.com> April 2002
# 5283-5299 Unassigned
hacl-hb 5300/tcp # HA cluster heartbeat
hacl-hb 5300/udp # HA cluster heartbeat
hacl-gs 5301/tcp # HA cluster general services
hacl-gs 5301/udp # HA cluster general services

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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>
#                               Unassigned (removed 7 May 2004)
5311
permabit-cs   5312/tcp      Permabit Client-Server
permabit-cs   5312/udp      Permabit Client-Server
#                               Jered Floyd <jered@permabit.com>, June 2004
rrdp          5313/tcp      Real-time & Reliable Data
rrdp          5313/udp      Real-time & Reliable Data
#                               Ted Hoshi <tetsuo.hoshi@jp.yokogawa.com>, June 2004
opalis-rbt-ipc 5314/tcp      opalis-rbt-ipc
opalis-rbt-ipc 5314/udp      opalis-rbt-ipc
#                               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>
#                               Unassigned
5316-5352
mdns          5353/tcp      Multicast DNS
mdns          5353/udp      Multicast DNS
#                               Stuart Cheshire <cheshire@multicastdns.org>
rmx           5354/tcp      Rendezvous Message Exchange
rmx           5354/udp      Rendezvous Message Exchange
#                               Bob Bradley <bradley@apple.com> January 2004
#                               Unassigned
5355-5399
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 <aosen@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>

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continuu      5412/tcp  Continuu
continuu      5412/udp  Continuu
#
#           Steven Holtsberg <steveh@continuu.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 <holstage@firstfloor.com>
mcntp         5418/tcp  MCNTP
mcntp         5418/udp  MCNTP
#
#           Heiko Rupp <hwr@pilhuhn.de>
dj-ice        5419/tcp  DJ-ICE
dj-ice        5419/udp  DJ-ICE
#
#           Don Tyson <don.tyson@cor.dowjones.com>
cylink-c      5420/tcp  Cylink-C
cylink-c      5420/udp  Cylink-C
#
#           John Jobe <jjobe@cylink.com>
netsupport2  5421/tcp  Net Support 2
netsupport2  5421/udp  Net Support 2
#
#           Paul Sanders <p.sanders@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-5454      5454/tcp  APC 5454
apc-5454      5454/udp  APC 5454
apc-5455      5455/tcp  APC 5455
apc-5455      5455/udp  APC 5455
apc-5456      5456/tcp  APC 5456
apc-5456      5456/udp  APC 5456
#
#           American Power Conversion <ports@apcc.com>
#
#           5457-5460 Unassigned
silkmeter     5461/tcp  SILKMETER
silkmeter     5461/udp  SILKMETER
#
#           Klaus Fellner <webmaster@segue.com> <kfellner@segue.com>
ttl-publisher 5462/tcp  TTL Publisher
ttl-publisher 5462/udp  TTL Publisher
#
#           Peter Jacobs <pjacobs@tullib.com>
ttlpriceproxy 5463/tcp  TTL Price Proxy
ttlpriceproxy 5463/udp  TTL Price Proxy

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# Peter Jacobs <pjacobs@tullib.com>
# 5464 Unassigned
netops-broker 5465/tcp NETOPS-BROKER
netops-broker 5465/udp NETOPS-BROKER
# John R. Deuel <kink@netops.com>
# 5466-5499 Unassigned
fcp-addr-srvr1 5500/tcp fcp-addr-srvr1
fcp-addr-srvr1 5500/udp fcp-addr-srvr1
fcp-addr-srvr2 5501/tcp fcp-addr-srvr2
fcp-addr-srvr2 5501/udp fcp-addr-srvr2
fcp-srvr-inst1 5502/tcp fcp-srvr-inst1
fcp-srvr-inst1 5502/udp fcp-srvr-inst1
fcp-srvr-inst2 5503/tcp fcp-srvr-inst2
fcp-srvr-inst2 5503/udp fcp-srvr-inst2
fcp-cics-gw1 5504/tcp fcp-cics-gw1
fcp-cics-gw1 5504/udp fcp-cics-gw1
# Ken Wittmer <kenneth.m.wittmer@accenture.com>
# 5505-5552 Unassigned
sgi-eventmond 5553/tcp SGI Eventmond Port
sgi-eventmond 5553/udp SGI Eventmond Port
# Andrei Vilkotski <andreiv@sgi.com> June 2003
sgi-esphhttp 5554/tcp SGI ESP HTTP
sgi-esphhttp 5554/udp SGI ESP HTTP
# Vladimir Legalov <legalov@sgi.com>
#####Port 5555 also used by HP Omniback#####
personal-agent 5555/tcp Personal Agent
personal-agent 5555/udp Personal Agent
# Jackie Wu <jackiew@infoseek.com>
#####
# 5556-5565 Unassigned
udpplus 5566/tcp UDPPlus
udpplus 5566/udp UDPPlus
# Cody Gibson <cody.gibson@intermec.com>
# 5567-5598 Unassigned
esinstall 5599/tcp Enterprise Security Remote Install
esinstall 5599/udp Enterprise Security Remote Install
esmanager 5600/tcp Enterprise Security Manager
esmanager 5600/udp Enterprise Security Manager
esmagent 5601/tcp Enterprise Security Agent
esmagent 5601/udp Enterprise Security Agent
# Kimberly Gibbs <kimgib@CCGATE-UT.AXENT.COM>
a1-msc 5602/tcp A1-MSc
a1-msc 5602/udp A1-MSc
a1-bs 5603/tcp A1-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 JAcl Message Server
jms 5673/udp JAcl Message Server
# Stuart Allen <stuart@jacl.animats.net> February 2002
hyperscsi-port 5674/tcp HyperSCSI Port
hyperscsi-port 5674/udp HyperSCSI Port
# Data Storage Institute, Singapore
# <Patrick@dsi.nus.edu.sg> February 2002
v5ua 5675/tcp V5UA application port
v5ua 5675/udp V5UA application port
v5ua 5675/sctp V5UA application port
# RFC-ietf-sigtran-v5ua-04.txt
raadmin 5676/tcp RA Administration
raadmin 5676/udp RA Administration
# Sergei Zjaikin <serge@previo.ee> February 2002
questdb2-lnchr 5677/tcp Quest Central DB2 Launchr
questdb2-lnchr 5677/udp Quest Central DB2 Launchr
# Robert M. Mackowiak <rmackowiak@quest.com> February 2002
rrac 5678/tcp Remote Replication Agent Connection
rrac 5678/udp Remote Replication Agent Connection
dccm 5679/tcp Direct Cable Connect Manager
dccm 5679/udp Direct Cable Connect Manager

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# Mark Miller <mmiller@MICROSOFT.com>
# 5680-5687 Unassigned
ggz 5688/tcp GGZ Gaming Zone
ggz 5688/udp GGZ Gaming Zone
# Josef Spillner <js177634@inf.tu-dresden.de> January 2003
# 5689-5712 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>
# 5718-5719 Unassigned
ms-licensing 5720/tcp MS-Licensing
ms-licensing 5720/udp MS-Licensing
# Thomas Lindeman <tlinde@microsoft.com> November 2002
# 5721-5728 Unassigned
openmail 5729/tcp Openmail User Agent Layer
openmail 5729/udp Openmail User Agent Layer
# OpenMail Encyclopedia <opencyc@hpopd.pwd.hp.com>
# Don Loughry <DON_LOUGHRY@hp-cupertino-om4.om.hp.com>
unieng 5730/tcp Steltor's calendar access
unieng 5730/udp Steltor's calendar access
# Bernard Desruisseaux <bernard@steltor.com>
# 5731-5740 Unassigned
ida-discover1 5741/tcp IDA Discover Port 1
ida-discover1 5741/udp IDA Discover Port 1
ida-discover2 5742/tcp IDA Discover Port 2
ida-discover2 5742/udp IDA Discover Port 2
# MPITech Support <morten.christensen@I-DATA.COM>
# 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>
# 5772-5776 Unassigned
dali-port 5777/tcp DALI Port
dali-port 5777/udp DALI Port
# Wayne Morrow / Michael Melio <wmorrow@starfieldcorp.com> / <melior
# 5778-5812 Unassigned
icmpd 5813/tcp ICMPD
icmpd 5813/udp ICMPD
# Shane O'Donnell <shane@opennms.org>
spt-automation 5814/tcp Support Automation
spt-automation 5814/udp Support Automation
# Ted Power <ted.power@hp.com> November 2003
# 5815-5858 Unassigned
wherehoo 5859/tcp WHEREHOO
wherehoo 5859/udp WHEREHOO
# Jim Youll <jim@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

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#           Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#           5970-5986 Unassigned
wbem-rmi   5987/tcp   WBEM RMI
wbem-rmi   5987/udp   WBEM RMI
wbem-http  5988/tcp   WBEM HTTP
wbem-http  5988/udp   WBEM HTTP
#           Jim Davis <jim.davis@wbemsolutions.com>
wbem-https 5989/tcp   WBEM HTTPS
wbem-https 5989/udp   WBEM HTTPS
#           Jim Davis <jim.davis@wbemsolutions.com>
#           5990 Unassigned (Removed 2003-02-26)
nuxsl      5991/tcp   NUXSL
nuxsl      5991/udp   NUXSL
#           Kai Kretschmann <K.Kretschmann@security-gui.de> March 2002
#           5992-5998 Unassigned
cvsup      5999/tcp   CVSup
cvsup      5999/udp   CVSup
#           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>
#           6074-6084 Unassigned
konspire2b 6085/tcp   konspire2b p2p network
konspire2b 6085/udp   konspire2b p2p network
#           Jason Rohrer <rohrer@cse.ucsc.edu> October 2002
#           6086-6099 Unassigned
synchronet-db 6100/tcp   SynchroNet-db
synchronet-db 6100/udp   SynchroNet-db
synchronet-rtc 6101/tcp   SynchroNet-rtc
synchronet-rtc 6101/udp   SynchroNet-rtc
synchronet-upd 6102/tcp   SynchroNet-upd
synchronet-upd 6102/udp   SynchroNet-upd
#           Arne Haugland <Arne.Haugland@parasoldev.com>
rets       6103/tcp   RETS
rets       6103/udp   RETS
#           Bruce Toback <btoback@optc.com>
dbdb       6104/tcp   DBDB
dbdb       6104/udp   DBDB
#           Aaron Brick <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

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sercomm-scadmin 6108/udp Sercomm-SCAdmin
# Melinda Tsao <melinda_tsao@mail.sercomm.com.tw>
globecast-id 6109/tcp GLOBECAST-ID
globecast-id 6109/udp GLOBECAST-ID
# Piers Scannell <piers@globecastne.com>
softcm 6110/tcp HP SoftBench CM
softcm 6110/udp HP SoftBench CM
spc 6111/tcp HP SoftBench Sub-Process Control
spc 6111/udp HP SoftBench Sub-Process Control
# Scott A. Kramer <sk@tleilaxu.sde.hp.com>
dtspcd 6112/tcp dtspcd
dtspcd 6112/udp dtspcd
# Doug Royer <Doug@Royer.com>
# 6113-6122 Unassigned
backup-express 6123/tcp Backup Express
backup-express 6123/udp Backup Express
# Chi Shih Chang <cchang@syncsort.com>
# 6124-6140 Unassigned
meta-corp 6141/tcp Meta Corporation License Manager
meta-corp 6141/udp Meta Corporation License Manager
# Osamu Masuda <---none--->
aspentec-lm 6142/tcp Aspen Technology License Manager
aspentec-lm 6142/udp Aspen Technology License Manager
# Kevin Massey <massey@aspentec.com>
watershed-lm 6143/tcp Watershed License Manager
watershed-lm 6143/udp Watershed License Manager
# David Ferrero <david@zion.com>
statscil-lm 6144/tcp StatSci License Manager - 1
statscil-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
bmc-grx 6300/tcp BMC GRX
bmc-grx 6300/udp BMC GRX
# Ed Penak <ed_penak@bmc.com>
# 6301-6320 Unassigned
emp-server1 6321/tcp Empress Software Connectivity Server 1
emp-server1 6321/udp Empress Software Connectivity Server 1
emp-server2 6322/tcp Empress Software Connectivity Server 2
emp-server2 6322/udp Empress Software Connectivity Server 2
# Srdjan Holovac <srdjan@empress.com>
# 6323-6342 Unassigned
sflow 6343/tcp sFlow traffic monitoring
sflow 6343/udp sFlow traffic monitoring
# Peter Phaal <peter.phaal@inmon.com> June 2003
# 6344-6345 Unassigned
gnutella-svc 6346/tcp gnutella-svc
gnutella-svc 6346/udp gnutella-svc
gnutella-rtr 6347/tcp gnutella-rtr
gnutella-rtr 6347/udp gnutella-rtr
# Serguei Osokine <osokin@paragraph.com>
# 6348-6381 Unassigned
metatude-mds 6382/tcp Metatude Dialogue Server
metatude-mds 6382/udp Metatude Dialogue Server
# Menno Zweistra <m.zweistra@metatude.com>
# 6383-6388 Unassigned
clariion-evr01 6389/tcp clariion-evr01
clariion-evr01 6389/udp clariion-evr01
# Dave DesRoches <d-desroches@clariion.com>
# 6390-6399 Unassigned
# The following blocks are in use by Seagate Software 6400-6410 #

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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
#
# Tom Markson <markson@osmosys.incog.com>
#
# 6457-6470 Unassigned
lvision-lm       6471/tcp  LVision License Manager
lvision-lm       6471/udp  LVision License Manager
#
# Brian McKinnon <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
#
# Magnus Nystrom <magnus@dynas.se>
#
# 6504 Unassigned
badm_priv        6505/tcp  BoKS Admin Private Port
badm_priv        6505/udp  BoKS Admin Private Port
badm_pub         6506/tcp  BoKS Admin Public Port
badm_pub         6506/udp  BoKS Admin Public Port
bdir_priv        6507/tcp  BoKS Dir Server, Private Port
bdir_priv        6507/udp  BoKS Dir Server, Private Port
bdir_pub         6508/tcp  BoKS Dir Server, Public Port
bdir_pub         6508/udp  BoKS Dir Server, Public Port
#
# Magnus Nystrom <magnus@dynas.se>
mgcs-mfp-port    6509/tcp  MGCS-MFP Port
mgcs-mfp-port    6509/udp  MGCS-MFP Port
#
# Minoru Ozaki <Minoru.Ozaki@rdmg.mgcs.mei.co.jp>
mcer-port        6510/tcp  MCER Port
mcer-port        6510/udp  MCER Port
#
# Ade Adebayo <ade@us.itmasters.com>
#
# 6511-6542 Unassigned
lds-distrib      6543/tcp  lds_distrib
lds-distrib      6543/udp  lds_distrib
#
# Jack Baker <Jack.Baker@L-3Com.com> June 2003
#
# 6544-6546 Unassigned
apc-6547         6547/tcp  APC 6547
apc-6547         6547/udp  APC 6547
apc-6548         6548/tcp  APC 6548
apc-6548         6548/udp  APC 6548
apc-6549         6549/tcp  APC 6549
apc-6549         6549/udp  APC 6549
#
# American Power Conversion <ports@apcc.com>
fg-sysupdate     6550/tcp  fg-sysupdate
fg-sysupdate     6550/udp  fg-sysupdate
#
# Mark Beyer <mbeyer@freegate.com>
#
# 6551-6557 Unassigned
xdsxdm           6558/tcp
xdsxdm           6558/udp
#
# Brian Tackett <cym@acrux.net> possible contact
#
# 6559-6565 Unassigned
sane-port        6566/tcp  SANE Control Port
sane-port        6566/udp  SANE Control Port
#
# Henning Meier-Geinitz <henning@meier-geinitz.de> October 2002
#
# 6567-6579 Unassigned
parsec-master    6580/tcp  Parsec Masterserver
parsec-master    6580/udp  Parsec Masterserver
parsec-peer      6581/tcp  Parsec Peer-to-Peer
parsec-peer      6581/udp  Parsec Peer-to-Peer
parsec-game      6582/tcp  Parsec Gameserver
parsec-game      6582/udp  Parsec Gameserver
#
# Andreas Varga <sid@parsec.org>

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#           6583-6587  Unassigned
#           6588      Unassigned
####Unofficial use of port 6588 by AnalogX and Microsoft####
#           6589-6627  Unassigned
afesc-mc   6628/tcp   AFE Stock Channel M/C
afesc-mc   6628/udp   AFE Stock Channel M/C
#           K.K Ho <kk.ho@afe-solutions.com> April 2004
#           6629-6630  Unassigned
#           6631      Unassigned (Returned 28 May 2004)
#           6632-6664  Unassigned
ircu       6665-6669/tcp IRCU
ircu       6665-6669/udp IRCU
#           Brian Tackett <cym@acrux.net>
vocaltec-gold 6670/tcp   Vocaltec Global Online Directory
vocaltec-gold 6670/udp   Vocaltec Global Online Directory
#           Scott Petrack <Scott_Petrack@vocaltec.com>
#           6671      Unassigned
vision_server 6672/tcp   vision_server
vision_server 6672/udp   vision_server
vision_elmd   6673/tcp   vision_elmd
vision_elmd   6673/udp   vision_elmd
#           Chris Kramer <CKramer@gis.shl.com>
#           6674-6700  Unassigned
kti-icad-srvr 6701/tcp   KTI/ICAD Nameserver
kti-icad-srvr 6701/udp   KTI/ICAD Nameserver
#           Stanley Knutson <Stanley.Knutson@KTIworld.com>
#           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>
#           6769-6787  Unassigned
smc-http     6788/tcp   SMC-HTTP
smc-http     6788/udp   SMC-HTTP
#           Ratnadeep Bhattacharjee <ratnadeep.bhattacharjee@sun.com> Novemb
smc-https    6789/tcp   SMC-HTTPS
smc-https    6789/udp   SMC-HTTPS
#           Ratnadeep Bhattacharjee <ratnadeep.bhattacharjee@sun.com> August
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

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#                                     Yutaka Ono <ono@saint.nm.fujitsu.co.jp>
#                                     Unassigned
acmsoda                               6967-6968  acmsoda
acmsoda                               6969/tcp  acmsoda
acmsoda                               6969/udp  acmsoda
#                                     Daniel Simms <dsimms@acm.uiuc.edu>
#                                     Unassigned
iatp-highpri                         6970-6997  IATP-highPri
iatp-highpri                         6998/tcp  IATP-highPri
iatp-highpri                         6998/udp  IATP-highPri
iatp-normalpri                       6999/tcp  IATP-normalPri
iatp-normalpri                       6999/udp  IATP-normalPri
#                                     John Murphy <john.m.murphy@mci.com>
afs3-fileserver                      7000/tcp  file server itself
afs3-fileserver                      7000/udp  file server itself
afs3-callback                        7001/tcp  callbacks to cache managers
afs3-callback                        7001/udp  callbacks to cache managers
afs3-prserver                        7002/tcp  users & groups database
afs3-prserver                        7002/udp  users & groups database
afs3-vlserver                        7003/tcp  volume location database
afs3-vlserver                        7003/udp  volume location database
afs3-kaserver                        7004/tcp  AFS/Kerberos authentication service
afs3-kaserver                        7004/udp  AFS/Kerberos authentication service
afs3-volser                          7005/tcp  volume managment server
afs3-volser                          7005/udp  volume managment server
afs3-errors                          7006/tcp  error interpretation service
afs3-errors                          7006/udp  error interpretation service
afs3-bos                             7007/tcp  basic overseer process
afs3-bos                             7007/udp  basic overseer process
afs3-update                          7008/tcp  server-to-server updater
afs3-update                          7008/udp  server-to-server updater
afs3-rmtsys                          7009/tcp  remote cache manager service
afs3-rmtsys                          7009/udp  remote cache manager service
#
ups-onlinet                          7010/tcp  onlinet uninterruptable power supplies
ups-onlinet                          7010/udp  onlinet uninterruptable power supplies
#                                     Brian Hammill <brianh@exide.com>
talon-disc                           7011/tcp  Talon Discovery Port
talon-disc                           7011/udp  Talon Discovery Port
talon-engine                         7012/tcp  Talon Engine
talon-engine                         7012/udp  Talon Engine
microtalon-dis                       7013/tcp  Microtalon Discovery
microtalon-dis                       7013/udp  Microtalon Discovery
microtalon-com                       7014/tcp  Microtalon Communications
microtalon-com                       7014/udp  Microtalon Communications
talon-webserver                      7015/tcp  Talon Webserver
talon-webserver                      7015/udp  Talon Webserver
#                                     Jack Curtin <curtinj@powerware.com>
#                                     Unassigned
dpserve                              7016-7019  DP Serve
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>
#                                     Unassigned
op-probe                             7022-7029  ObjectPlanet probe
op-probe                             7030/tcp  ObjectPlanet probe
op-probe                             7030/udp  ObjectPlanet probe
#                                     Bjorn Jarle Kvande <bjorn@objectplanet.com> April 2002
#                                     Unassigned
arcp                                  7031-7069  ARCP
arcp                                  7070/tcp  ARCP
arcp                                  7070/udp  ARCP
#                                     Jude George <jude@nas.nasa.gov>
#                                     Unassigned
lazy-ptop                            7071-7098  lazy-ptop
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>
#                                     Unassigned
virprot-lm                          7101-7120  Virtual Prototypes License Manager
virprot-lm                          7121/tcp  Virtual Prototypes License Manager
virprot-lm                          7121/udp  Virtual Prototypes License Manager
#                                     Victor Galis <galis@satchmo.virtualprototypes.ca>
#                                     Unassigned
clutild                              7122-7173  Clutild
clutild                              7174/tcp  Clutild
clutild                              7174/udp  Clutild
#                                     Cheryl Stoutenburg <cstoutenburg@vnet.ibm.com>
#                                     Unassigned
fodms                                7175-7199  FODMS FLIP
fodms                                7200/tcp  FODMS FLIP
fodms                                7200/udp  FODMS FLIP

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# David Anthony <anthony@power.amasd.anatcp.rockwell.com>
dlip 7201/tcp DLIP
dlip 7201/udp DLIP
# Albert Manfredi <manfredi@engr05.comsys.rockwell.com>
# 7202-7226 Unassigned
ramp 7227/tcp Registry A & M Protocol
ramp 7227/udp Registry A $ M Protocol
# John Havard <jh@hxe.us> November 2003
# 7228-7279 Unassigned
itactionserver1 7280/tcp ITACTIONSERVER 1
itactionserver1 7280/udp ITACTIONSERVER 1
itactionserver2 7281/tcp ITACTIONSERVER 2
itactionserver2 7281/udp ITACTIONSERVER 2
# Brian Taylor <btaylor@imagetag.com>
# 7282-7299 Unassigned
swx 7300-7390 The Swiss Exchange
# Edgar Blum <edgar.blum@swx.ch>
mindfilesys 7391/tcp mind-file system server
mindfilesys 7391/udp mind-file system server
mrssrendezvous 7392/tcp mrss-rendezvous server
mrssrendezvous 7392/udp mrss-rendezvous server
# Dave Porter <porter@mango.com>
# 7393-7394 Unassigned
wingedit 7395/tcp wingedit
wingedit 7395/udp wingedit
# David Greer <david_greer@robelle.com>
# 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 <rdl@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
silhouette 7500/tcp Silhouette User
silhouette 7500/udp Silhouette User
# Anthony Payne <opayne@pacbell.net> February 2004
ovbus 7501/tcp HP OpenView Bus Daemon
ovbus 7501/udp HP OpenView Bus Daemon
# David M. Rhodes <davidrho@cnd.hp.com>
# 7502-7509 Unassigned
ovhpas 7510/tcp HP OpenView Application Server
ovhpas 7510/udp HP OpenView Application Server
# Jeff Conrad <jeff_conrad@hp.com>
pafec-lm 7511/tcp pafec-lm
pafec-lm 7511/udp pafec-lm
# Billy Dhillon <bdsos@pafec.co.uk>
# 7512-7543 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

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#                               Sophie Deng <Sophie.Deng@Eng.Sun.COM>
#                               Unassigned
indi                           7589-7623
indi                           7624/tcp Instrument Neutral Distributed Interface
indi                           7624/udp Instrument Neutral Distributed Interface
#                               Elwood Downey <ecdowney@clearskyinstitute.com> April 2002
#                               Unassigned
pmdfmgmt                       7625-7632
pmdfmgmt                       7633/tcp PMDF Management
pmdfmgmt                       7633/udp PMDF Management
#                               Hunter Goatley <goathunter@goatley.com>
#                               Unassigned
imqtunnels                     7634-7673
imqtunnels                     7674/tcp iMQ SSL tunnel
imqtunnels                     7674/udp iMQ SSL tunnel
imqtunnel                      7675/tcp iMQ Tunnel
imqtunnel                      7675/udp iMQ Tunnel
#                               Shailesh S. Bavadekar <shailesh.bavadekar@sun.com> April 2002
imqbrokerd                    7676/tcp iMQ Broker Rendezvous
imqbrokerd                    7676/udp iMQ Broker Rendezvous
#                               Joseph Di Pol <joe.dipol@sun.com> April 2002
#                               Unassigned
medimageportal                 7677-7719
medimageportal                 7720/tcp MedImage Portal
medimageportal                 7720/udp MedImage Portal
#                               Ken Hornak <ken_hornak@medimage.com> October 2003
#                               Unassigned
sstp-1                        7721-7742
sstp-1                        7743/tcp Sakura Script Transfer Protocol
sstp-1                        7743/udp Sakura Script Transfer Protocol
#                               Kouichi Takeda <KHBO5271@nifty.com>
#                               Unassigned
cbt                            7744-7776
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>
#                               Unassigned
7780
accu-lmgr                     7781/tcp accu-lmgr
accu-lmgr                     7781/udp accu-lmgr
#                               Moises E. Hernandez <moises@accugraph.com>
#                               Unassigned
minivend                      7782-7785
minivend                      7786/tcp MINIVEND
minivend                      7786/udp MINIVEND
#                               Mike Heins <mike@minivend.com>
#                               Unassigned
7787-7796
pnet-conn                    7797/tcp Propel Connector port
pnet-conn                    7797/udp Propel Connector port
pnet-enc                     7798/tcp Propel Encoder port
pnet-enc                     7798/udp Propel Encoder port
#                               Leif Hedstrom <leif@propel.com> April 2002
#                               Unassigned
7799-7844
apc-7845                     7845/tcp APC 7845
apc-7845                     7845/udp APC 7845
apc-7846                     7846/tcp APC 7846
apc-7846                     7846/udp APC 7846
#                               American Power Conversion <ports@apcc.com>
#                               Unassigned
7847-7912
qo-secure                    7913/tcp QuickObjects secure port
qo-secure                    7913/udp QuickObjects secure port
#                               Jonas Bovin <jonas.bovin@quickobjects.com>
#                               Unassigned
7914-7931
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>
#                               Unassigned
7934-7966
supercell                    7967/tcp Supercell
supercell                    7967/udp Supercell
#                               Kevin Nakagawa <nakagawa@sigsci.com>
#                               Unassigned
7968-7978
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>
#                               Unassigned
7981-7998

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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
#
#              Larry Tusoni <larry@goldrush.com>
#              8034-8079    Unassigned
http-alt        8080/tcp    HTTP Alternate (see port 80)
http-alt        8080/udp    HTTP Alternate (see port 80)
#
#              Stephen Casner <casner@precpt.com>
#              8081-8087    Unassigned
radan-http      8088/tcp    Radan HTTP
radan-http      8088/udp    Radan HTTP
#
#              Steve Hay <Steve.Hay@uk.radan.com> April 2002
#              8089-8099    Unassigned
xprint-server   8100/tcp    Xprint Server
xprint-server   8100/udp    Xprint Server
#
#              John McKernan <John.McKernan@sun.com>
#              8101-8114    Unassigned
mtl8000-matrix  8115/tcp    MTL8000 Matrix
mtl8000-matrix  8115/udp    MTL8000 Matrix
#
#              David Pinch <dpinch@mtl-inst.com> April 2002
cp-cluster      8116/tcp    Check Point Clustering
cp-cluster      8116/udp    Check Point Clustering
#
#              Roni Moshitzky <rmosh@checkpoint.com>
#              8117         Unassigned
privoxy         8118/tcp    Privoxy HTTP proxy
privoxy         8118/udp    Privoxy HTTP proxy
#
#              Andreas Oesterhelt <oes@privoxy.org> June 2002
#              8119-8120    Unassigned
apollo-data     8121/tcp    Apollo Data Port
apollo-data     8121/udp    Apollo Data Port
#
#              Anthony Carrabino <anthony@vistasoftware.com> August 2003
apollo-admin    8122/tcp    Apollo Admin Port
apollo-admin    8122/udp    Apollo Admin Port
#
#              Anthony Carrabino <anthony@vistasoftware.com> August 2003
#              8123-8129    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

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#                               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 <chris@chancery.com>
#                               8352-8375   Unassigned
cruise-enum 8376/tcp   Cruise ENUM
cruise-enum 8376/udp   Cruise ENUM
cruise-swroute 8377/tcp   Cruise SWROUTE
cruise-swroute 8377/udp   Cruise SWROUTE
cruise-config 8378/tcp   Cruise CONFIG
cruise-config 8378/udp   Cruise CONFIG
cruise-diags  8379/tcp   Cruise DIAGS
cruise-diags  8379/udp   Cruise DIAGS
cruise-update 8380/tcp   Cruise UPDATE
cruise-update 8380/udp   Cruise UPDATE
#                               Steve Husak <portmaster@cruisetech.com>
#                               8381-8399   Unassigned
cvd          8400/tcp   cvd
cvd          8400/udp   cvd
sabarsd      8401/tcp   sabarsd
sabarsd      8401/udp   sabarsd
abarsd       8402/tcp   abarsd
abarsd       8402/udp   abarsd
admind       8403/tcp   admind
admind       8403/udp   admind
#                               Aaron Bilbrey <abilbrey@commvault.com>
#                               8404-8415   Unassigned
espeech      8416/tcp   eSpeech Session Protocol
espeech      8416/udp   eSpeech Session Protocol
#                               Scott Tarone <starone@proactivethought.com> November 2002
espeech-rtp  8417/tcp   eSpeech RTP Protocol
espeech-rtp  8417/udp   eSpeech RTP Protocol
#                               Scott Tarone <starone@proactivethought.com> April 2003
#                               8418-8442   Unassigned
pcsync-https 8443/tcp   PCsync HTTPS
pcsync-https 8443/udp   PCsync HTTPS
pcsync-http  8444/tcp   PCsync HTTP
pcsync-http  8444/udp   PCsync HTTP
#                               Katy Lynn McCullough <KatyM@LapLink.com>
#                               8445-8449   Unassigned
npmp         8450/tcp   npmp
npmp         8450/udp   npmp
#                               Ian Chard <ian@tanagra.demon.co.uk>
#                               8451-8472   Unassigned
vp2p         8473/tcp   Virtual Point to Point
vp2p         8473/udp   Virtual Point to Point
#                               Jerome Grimberty <jerome.grimberty@atosorigin.com>
#                               8474-8449   Unassigned
fde          8500/tcp   Flight Data Exchange
fde          8500/udp   Flight Data Exchange
#                               Eivan Cerasi <eivan.cerasi@eurocontrol.int> December 2003
rtsp-alt     8554/tcp   RTSP Alternate (see port 554)
rtsp-alt     8554/udp   RTSP Alternate (see port 554)
#                               Stephen Casner <casner@precept.com>
d-fence      8555/tcp   SYMAX D-FENCE
d-fence      8555/udp   SYMAX D-FENCE
#                               Thomas Geisel <tgeisel@symax.de> January 2003
#                               8556-8610   Unassigned
canon-bjnp1  8611/tcp   Canon BJNP Port 1
canon-bjnp1  8611/udp   Canon BJNP Port 1
#                               Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp2  8612/tcp   Canon BJNP Port 2
canon-bjnp2  8612/udp   Canon BJNP Port 2
#                               Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp3  8613/tcp   Canon BJNP Port 3

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canon-bjnp3      8613/udp      Canon BJNP Port 3
#               Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
canon-bjnp4      8614/tcp      Canon BJNP Port 4
canon-bjnp4      8614/udp      Canon BJNP Port 4
#               Atsushi Nakamura <nakamura.atsushi318@canon.co.jp> November 2003
#               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>
#               8766-8785 Unassigned
msgclnt          8786/tcp      Message Client
msgclnt          8786/udp      Message Client
msgsrvr          8787/tcp      Message Server
msgsrvr          8787/udp      Message Server
#               Michael O'Brien <mobrien02@comcast.net> March 2003
#               8788-8803 Unassigned
truecm           8804/tcp      truecm
truecm           8804/udp      truecm
#               Scott Kramer <scottk@truebluesoftware.com>
#               8805-8879
cddb-alt         8880/tcp      CDDBP
cddb-alt         8880/udp      CDDBP
#               Steve Scherf <steve@moonsoft.com>
#               8881-8887 Unassigned
ddi-tcp-1        8888/tcp      NewsEDGE server TCP (TCP 1)
ddi-udp-1        8888/udp      NewsEDGE server UDP (UDP 1)
ddi-tcp-2        8889/tcp      Desktop Data TCP 1
ddi-udp-2        8889/udp      NewsEDGE server broadcast
ddi-tcp-3        8890/tcp      Desktop Data TCP 2
ddi-udp-3        8890/udp      NewsEDGE client broadcast
ddi-tcp-4        8891/tcp      Desktop Data TCP 3: NESS application
ddi-udp-4        8891/udp      Desktop Data UDP 3: NESS application
ddi-tcp-5        8892/tcp      Desktop Data TCP 4: FARM product
ddi-udp-5        8892/udp      Desktop Data UDP 4: FARM product
ddi-tcp-6        8893/tcp      Desktop Data TCP 5: NewsEDGE/Web application
ddi-udp-6        8893/udp      Desktop Data UDP 5: NewsEDGE/Web application
ddi-tcp-7        8894/tcp      Desktop Data TCP 6: COAL application
ddi-udp-7        8894/udp      Desktop Data UDP 6: COAL application
#               Fred Yao <Fred_Yao@DDIGATE2.desktopdata.com>
#               8895-8899 Unassigned
jmb-cds1         8900/tcp      JMB-CDS 1
jmb-cds1         8900/udp      JMB-CDS 1
jmb-cds2         8901/tcp      JMB-CDS 2
jmb-cds2         8901/udp      JMB-CDS 2
#               Curtis Bray <CurtisB@creativedesign.com>
#               8902-8909 Unassigned
manyone-http     8910/tcp      anyone-http
manyone-http     8910/udp      anyone-http
manyone-xml      8911/tcp      anyone-xml
manyone-xml      8911/udp      anyone-xml
#               Matt King <m@anyone.net> April 2002
#               8912-8953 Unassigned
cumulus-admin    8954/tcp      Cumulus Admin Port
cumulus-admin    8954/udp      Cumulus Admin Port
#               Thomas Schleu <tschleu@canto.de>
#               8955-8998 Unassigned
bctp             8999/tcp      Brodos Crypto Trade Protocol
bctp             8999/udp      Brodos Crypto Trade Protocol
#               Alexander Sahler <alexander.sahler@brodos.de> February 2002
cslistener       9000/tcp      CSlistener
cslistener       9000/udp      CSlistener
#               David Jones <djones@cincom.com>
etlservicemgr    9001/tcp      ETL Service Manager
etlservicemgr    9001/udp      ETL Service Manager
#               Stephen McCrea <smccrea@etlelectronique.com> March 2002
dynamid          9002/tcp      DynamID authentication
dynamid          9002/udp      DynamID authentication
#               Jerome Dusautois <jdusautois@scrypto.fr> March 2002

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#           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>
#           9027-9079   Unassigned
glrpc      9080/tcp    Groove GLRPC
glrpc      9080/udp    Groove GLRPC
#           Adrian Popescu <Adrian_Popescu@groove.net> September 2002
#           9081-9089   Unassigned
websm      9090/tcp    WebSM
websm      9090/udp    WebSM
#           I-Hsing Tsao <itsao@austin.ibm.com>
xmltec-xmlmail 9091/tcp    xmltec-xmlmail
xmltec-xmlmail 9091/udp    xmltec-xmlmail
#           Mitch Kaufman <mk@weconnectyou.com>
#           9092-9099   Unassigned
hp-pdl-datastr 9100/tcp    PDL Data Streaming Port
hp-pdl-datastr 9100/udp    PDL Data Streaming Port
#           Shivaun Albright <shivaun_albright@hp.com> April 2002
##### The protocol name "pdl-datastream" is primarily registered for use #####
##### in DNS SRV records (RFC 2782). DNS SRV records allow a protocol to run on #####
##### any port number, but the default port for this protocol is 9100 #####.
pdl-datastream 9100/tcp    Printer PDL Data Stream
pdl-datastream 9100/udp    Printer PDL Data Stream
#           Stuart Cheshire <pdl-datastream@apple.com> September 2002
bacula-dir   9101/tcp    Bacula Director
bacula-dir   9101/udp    Bacula Director
bacula-fd    9102/tcp    Bacula File Daemon
bacula-fd    9102/udp    Bacula File Daemon
bacula-sd    9103/tcp    Bacula Storage Daemon
bacula-sd    9103/udp    Bacula Storage Daemon
#           Kern Sibbald <kern@sibbald.com> January 2002
peerwire    9104/tcp    PeerWire
peerwire    9104/udp    PeerWire
#           Steven Gerhardt <sgerhardt@ixiononline.com> February 2004
#           9105-9159   Unassigned
netlock1    9160/tcp    NetLOCK1
netlock1    9160/udp    NetLOCK1
netlock2    9161/tcp    NetLOCK2
netlock2    9161/udp    NetLOCK2
netlock3    9162/tcp    NetLOCK3
netlock3    9162/udp    NetLOCK3
netlock4    9163/tcp    NetLOCK4
netlock4    9163/udp    NetLOCK4
netlock5    9164/tcp    NetLOCK5
netlock5    9164/udp    NetLOCK5
#           Steven Sawkins <ssawkins@netlock.com>
#           9165-9199   Unassigned
wap-wsp     9200/tcp    WAP connectionless session service
wap-wsp     9200/udp    WAP connectionless session service
wap-wsp-wtp 9201/tcp    WAP session service
wap-wsp-wtp 9201/udp    WAP session service
wap-wsp-s   9202/tcp    WAP secure connectionless session service
wap-wsp-s   9202/udp    WAP secure connectionless session service
wap-wsp-wtp-s 9203/tcp    WAP secure session service
wap-wsp-wtp-s 9203/udp    WAP secure session service
wap-vcard   9204/tcp    WAP vCard
wap-vcard   9204/udp    WAP vCard
wap-vcal    9205/tcp    WAP vCal
wap-vcal    9205/udp    WAP vCal
wap-vcard-s 9206/tcp    WAP vCard Secure

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micromuse-ncpw 9600/udp MICROMUSE-NCPW
#
# 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 Fremem <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>
davsracs 9802/tcp WebDAV Source TLS/SSL
davsracs 9802/udp WebDAV Source TLS/SSL
#
# Rob Isaac <rob@automagic.org> July 2003
#
# 9803-9874 Unassigned
sapvl 9875/tcp Session Announcement v1
sapvl 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 <Lyon@ciena.com>
#
# 9901-9908 Unassigned
domaintime 9909/tcp domaintime
domaintime 9909/udp domaintime
#
# Jeffry Dwight <jeffryd@greyware.com>
#
# 9910 Unassigned
sype-transport 9911/tcp SYPECom Transport Protocol
sype-transport 9911/udp SYPECom Transport Protocol
#
# Sylvain Pedneault <sylvain@sypecom.qc.ca> March 2003
#
# 9912-9949 Unassigned
apc-9950 9950/tcp APC 9950
apc-9950 9950/udp APC 9950
apc-9951 9951/tcp APC 9951
apc-9951 9951/udp APC 9951
apc-9952 9952/tcp APC 9952
apc-9952 9952/udp APC 9952
#
# American Power Conversion <ports@apcc.com>
#
# 9953-9989 Unassigned
osm-appsrvr 9990/tcp OSM Applet Server
osm-appsrvr 9990/udp OSM Applet Server
#
# Vinay Gupta <vinay.gupta@hp.com> August 2003
osm-oev 9991/tcp OSM Event Server
osm-oev 9991/udp OSM Event Server
#
# Vinay Gupta <vinay.gupta@hp.com> August 2003
palace-1 9992/tcp OnLive-1
palace-1 9992/udp OnLive-1
palace-2 9993/tcp OnLive-2
palace-2 9993/udp OnLive-2
palace-3 9994/tcp OnLive-3
palace-3 9994/udp OnLive-3
palace-4 9995/tcp Palace-4
palace-4 9995/udp Palace-4
palace-5 9996/tcp Palace-5
palace-5 9996/udp Palace-5
palace-6 9997/tcp Palace-6

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palace-6          9997/udp    Palace-6
#                Douglas Crockford <crock@communities.com>
distinct32       9998/tcp    Distinct32
distinct32       9998/udp    Distinct32
distinct         9999/tcp    distinct
distinct         9999/udp    distinct
#                Anoop Tewari <anoop@next.distinct.com>
ndmp             10000/tcp   Network Data Management Protocol
ndmp             10000/udp   Network Data Management Protocol
#                Brian Ehrmantraut <bae@netapp.com>
scp-config       10001/tcp   SCP Configuration Port
scp-config       10001/udp   SCP Configuration Port
#                Brad Strand <brad.strand@3ware.com>
#                10002-10006 Unassigned
mvs-capacity     10007/tcp   MVS Capacity
mvs-capacity     10007/udp   MVS Capacity
#                Donna Dillenberger <engd@us.ibm.com>
octopus          10008/tcp   Octopus Multiplexer
octopus          10008/udp   Octopus Multiplexer
#                Chris Koeritz <fred@gruntose.com> October 2002
#                10009-10079 Unassigned
amanda           10080/tcp   Amanda
amanda           10080/udp   Amanda
#                John Jackson <jrj@gandalf.cc.purdue.edu>
#                <amanda-core@amanda.org>
#                10081-10099 Unassigned
itap-ddtp        10100/tcp   VERITAS ITAP DDTP
itap-ddtp        10100/udp   VERITAS ITAP DDTP
#                Saugata Guha <sguha@veritas.com> May 2004
ezmeeting-2      10101/tcp   eZmeeting
ezmeeting-2      10101/udp   eZmeeting
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
#                10104-10106 Unassigned
bctp-server      10107/tcp   VERITAS BCTP, server
bctp-server      10107/udp   VERITAS BCTP, server
#                Saugata Guha <sguha@veritas.com> May 2004
*                10108-10112 Unassigned
netiq-endpoint   10113/tcp   NetIQ Endpoint
netiq-endpoint   10113/udp   NetIQ Endpoint
netiq-qcheck     10114/tcp   NetIQ Qcheck
netiq-qcheck     10114/udp   NetIQ Qcheck
#                John Wood <John.Wood@netiq.com>
netiq-endpt      10115/tcp   NetIQ Endpoint
netiq-endpt      10115/udp   NetIQ Endpoint
#                Gary Weichinger <gary.weichinger@netiq.com>
netiq-voipa      10116/tcp   NetIQ VoIP Assessor
netiq-voipa      10116/udp   NetIQ VoIP Assessor
#                Gary Weichinger <gary.weichinger@netiq.com>
#                10117-10127 Unassigned
bmc-perf-sd      10128/tcp   BMC-PERFORM-SERVICE DAEMON
bmc-perf-sd      10128/udp   BMC-PERFORM-SERVICE DAEMON
#                Dima Seliverstov <Dima_Seliverstov@bmc.com>
#                10129-10251 Unassigned
apollo-relay     10252/tcp   Apollo Relay Port
apollo-relay     10252/udp   Apollo Relay Port
#                Anthony Carrabino <anthony@vistasoftware.com> August 2003
#                10253-10259 Unassigned
axis-wimp-port   10260/tcp   Axis WIMP Port
axis-wimp-port   10260/udp   Axis WIMP Port
#                Stefan Eriksson <contact-iana@axis.com>
#                10261-10287 Unassigned
blocks           10288/tcp   Blocks
blocks           10288/udp   Blocks
#                Carl Malamud
#                10289-10989 Unassigned
rmiaux           10990/tcp   Auxiliary RMI Port
rmiaux           10990/udp   Auxiliary RMI Port
#                Eugen Bacic <eugen@texar.com>
#                10991-10999 Unassigned
irisa            11000/tcp   IRISA
irisa            11000/udp   IRISA
#                V.A. Brauner <info@datamedia.fr>
metasys          11001/tcp   Metasys
metasys          11001/udp   Metasys

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#                               Tobin Schuster <tobin.j.schuster@jci.com>
#                               11002-11110 Unassigned
vce                               11111/tcp  Viral Computing Environment (VCE)
vce                               11111/udp  Viral Computing Environment (VCE)
#                               Fred Cohen <fc@all.net>
#                               11112-11200 Unassigned
smsqp                             11201/tcp  smsqp
smsqp                             11201/udp  smsqp
#                               Andres Seco Hernandez <AndresSH@alamin.org>
#                               11202-11318 Unassigned
imip                             11319/tcp  IMIP
imip                             11319/udp  IMIP
#                               IM Unified Coalition, Len Zuvela
#                               <imu-comments@egroups.com>
imip-channels                    11320/tcp  IMIP Channels Port
imip-channels                    11320/udp  IMIP Channels Port
#                               Len Zuvela <lenz@microsoft.com>
arena-server                    11321/tcp  Arena Server Listen
arena-server                    11321/udp  Arena Server Listen
#                               Earl Brannigan <earl.brannigan@lindenhou.co.uk>
#                               11322-11366 Unassigned
atm-uhas                        11367/tcp  ATM UHAS
atm-uhas                        11367/udp  ATM UHAS
#                               Todd Barker <toddba@attachmate.com>
#                               11368-11370 Unassigned
hkp                             11371/tcp  OpenPGP HTTP Keyserver
hkp                             11371/udp  OpenPGP HTTP Keyserver
#                               David Shaw <dshaw@jabberwocky.com> May 2003
#                               11372-11599 Unassigned
tempest-port                    11600/tcp  Tempest Protocol Port
tempest-port                    11600/udp  Tempest Protocol Port
#                               Francis Cianfrocca <francis@tempest.com>
#                               11601-11719 Unassigned
h323callsigalt                 11720/tcp  h323 Call Signal Alternate
h323callsigalt                 11720/udp  h323 Call Signal Alternate
#                               Chris White <cjwhite@cisco.com>
#                               11721-11750 Unassigned
intrepid-ssl                   11751/tcp  Intrepid SSL
intrepid-ssl                   11751/udp  Intrepid SSL
#                               Robert Eden <reden@sieglertech.com> March 2003
#                               11752-11966 Unassigned
sysinfo-sp                     11967/tcp  SysInfo Service Protocol
sysinfo-sp                     11967/udp  SysInfo Sercice Protocol
#                               Mike Cooper <mcooper@magnicomp.com> March 2003
#                               11968-11999 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>
dbisamserver1                  12005/tcp  DBISAM Database Server - Regular
dbisamserver1                  12005/udp  DBISAM Database Server - Regular
dbisamserver2                  12006/tcp  DBISAM Database Server - Admin
dbisamserver2                  12006/udp  DBISAM Database Server - Admin
#                               Tim Young <timyoung@elevatesoft.com> May 2002
#                               12007-12108 Unassigned
rets-ssl                       12109/tcp  RETS over SSL
rets-ssl                       12109/udp  RETS over SSL
#                               Bruce Toback <btoback@optc.com> February 2003
#                               12110-12171 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

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i-zipqd      13160/tcp  I-ZIPQD
i-zipqd      13160/udp  I-ZIPQD
#
#           13161-13222 Unassigned
powwow-client 13223/tcp  PowWow Client
powwow-client 13223/udp  PowWow Client
powwow-server 13224/tcp  PowWow Server
powwow-server 13224/udp  PowWow Server
#
#           Paul K. Peterson <paul@tribal.com>
#           13225-13719 Unassigned
bprd         13720/tcp  BPRD Protocol (VERITAS NetBackup)
bprd         13720/udp  BPRD Protocol (VERITAS NetBackup)
bpdbm       13721/tcp  BPDBM Protocol (VERITAS NetBackup)
bpdbm       13721/udp  BPDBM Protocol (VERITAS NetBackup)
#
#           Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
bpjava-msvc  13722/tcp  BP Java MSVC Protocol
bpjava-msvc  13722/udp  BP Java MSVC Protocol
#
#           Tim Schmidt <Tim.Schmidt@veritas.com>
#           13723 Unassigned
vnetd       13724/tcp  Veritas Network Utility
vnetd       13724/udp  Veritas Network Utility
#
#           Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#           13725-13781 Unassigned
bpcd        13782/tcp  VERITAS NetBackup
bpcd        13782/udp  VERITAS NetBackup
vopied      13783/tcp  VOPIED Protocol
vopied      13783/udp  VOPIED Protocol
#
#           Jeff Holmbeck <Jeff.Holmbeck@veritas.com>
#           13784-13817 Unassigned
dsmcc-config 13818/tcp  DSMCC Config
dsmcc-config 13818/udp  DSMCC Config
dsmcc-session 13819/tcp  DSMCC Session Messages
dsmcc-session 13819/udp  DSMCC Session Messages
dsmcc-passthru 13820/tcp  DSMCC Pass-Thru Messages
dsmcc-passthru 13820/udp  DSMCC Pass-Thru Messages
dsmcc-download 13821/tcp  DSMCC Download Protocol
dsmcc-download 13821/udp  DSMCC Download Protocol
dsmcc-ccp    13822/tcp  DSMCC Channel Change Protocol
dsmcc-ccp    13822/udp  DSMCC Channel Change Protocol
#
#           Tim Addington <Tim.Addington@sciatl.com>
#           ISO/IEC 13818-6 MPEG-2 DSM-CC
#           13823-14000 Unassigned
sua         14001/tcp  SUA
sua         14001/udp  De-Registered (2001 June 06)
sua         14001/sctp  SUA
#
#           Miguel Angel Garcia <Miguel.A.Garcia@ericsson.com>
#           14002-14032 Unassigned
sage-best-com1 14033/tcp  sage Best! Config Server 1
sage-best-com1 14033/udp  sage Best! Config Server 1
sage-best-com2 14034/tcp  sage Best! Config Server 2
sage-best-com2 14034/udp  sage Best! Config Server 2
#
#           Christian Rubach <Christian_Rubach@bestsoftware.com>
#           14035-14140 Unassigned
vcs-app     14141/tcp  VCS Application
vcs-app     14141/udp  VCS Application
#
#           Ming Xu <ming@veritas.com>
#           14142-14144 Unassigned
gcm-app     14145/tcp  GCM Application
gcm-app     14145/udp  GCM Application
#
#           Ming Xu <ming@veritas.com>
#           14146-14148 Unassigned
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>

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# 15346-15362 Unassigned
3link 15363/tcp 3Link Negotiation
3link 15363/udp 3Link Negotiation
# Brant Thomsen <brant_thomsen@3com.com> January 2003
# 15364-16160 Unassigned
sun-sea-port 16161/tcp Solaris SEA Port
sun-sea-port 16161/udp Solaris SEA Port
# Dana Porter <dana.porter@sun.com> October 2003
# 16162-16359 Unassigned
netserialext1 16360/tcp netserialext1
netserialext1 16360/udp netserialext1
netserialext2 16361/tcp netserialext2
netserialext2 16361/udp netserialext2
# Mike Hoy <mhoy@aquilagroup.com>
# 16362-16366 Unassigned
netserialext3 16367/tcp netserialext3
netserialext3 16367/udp netserialext3
netserialext4 16368/tcp netserialext4
netserialext4 16368/udp netserialext4
# Mike Hoy <mhoy@aquilagroup.com>
# 16369-16383 Unassigned
connected 16384/tcp Connected Corp
connected 16384/udp Connected Corp
# Nicole C. Ouellette <nouvellette@connected.com> February 2004
# 16385-16990 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
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>
ohsc 18186/tcp Occupational Health SC
ohsc 18186/udp Occupational Health Sc
# David Fudge <david.fudge@tssi.co.uk> August 2003
opsec-ela 18187/tcp OPSEC ELA
opsec-ela 18187/udp OPSEC ELA
# Alon Kantor <alonk@checkpoint.com>
# 18188-18240 Unassigned
checkpoint-rtm 18241/tcp Check Point RTM
checkpoint-rtm 18241/udp Check Point RTM
# Dudi Hazan <dudi@checkpoint.com>
# 18242-18462 Unassigned
ac-cluster 18463/tcp AC Cluster
ac-cluster 18463/udp AC Cluster
# Lisa Zhong <lzhong@cup.hp.com>
# 18464-18768 Unassigned
ique 18769/tcp IQue Protocol
ique 18769/udp IQue Protocol
# Avi Drissman <avi_drissman@baseview.com> July 2002
# 18770-18887 Unassigned
apc-necmp 18888/tcp APCNECMP
apc-necmp 18888/udp APCNECMP
# Michael Yip <Michael.Yip@alcatel.com>

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# 18889-19190 Unassigned
opsec-uaa 19191/tcp OPSEC UAA
opsec-uaa 19191/udp OPSEC UAA
# Reuven Harrison <rnd_ana@checkpoint.com>
# 19192-19193 Unassigned
ua-secureagent 19194/tcp UserAuthority SecureAgent
ua-secureagent 19194/udp UserAuthority SecureAgent
# Reuven Harrison <rharrison@checkpoint.com> January 2003
# 19195-19282 Unassigned
keysrvr 19283/tcp Key Server for SASSAFRAS
keysrvr 19283/udp Key Server for SASSAFRAS
# Mark Valence <kurash@sassafras.com>
# 19284-19314 Unassigned
keyshadow 19315/tcp Key Shadow for SASSAFRAS
keyshadow 19315/udp Key Shadow for SASSAFRAS
# Mark Valence <kurash@sassafras.com>
# 19316-19397 Unassigned
mtrgtrans 19398/tcp mtrgtrans
mtrgtrans 19398/udp mtrgtrans
# Katsuhito Muroi <muroi@pfu.co.jp>
# 19399-19409 Unassigned
hp-sco 19410/tcp hp-sco
hp-sco 19410/udp hp-sco
hp-sca 19411/tcp hp-sca
hp-sca 19411/udp hp-sca
# Larry Schwartz <lrs@cup.hp.com>
hp-sessmon 19412/tcp HP-SESSMON
hp-sessmon 19412/udp HP-SESSMON
# Gita Murthy <gita@cup.hp.com>
# 19413-19539 Unassigned
sxuftp 19540/tcp SXUFTP
sxuftp 19540/udp SXUFTP
# Keiji Okuma <okuma@silex.jp> August 2002
jcp 19541/tcp JCP Client
jcp 19541/udp JCP Client
# Yuji Sasaki <sasaki@silex.jp>
# 19542-19999 Unassigned
dnp 20000/tcp DNP
dnp 20000/udp DNP
# Michael Thesing <michael.thesing@acsatlanta.com>
microsan 20001/tcp MicroSAN
microsan 20001/udp MicroSAN
# Thomas E. Ludwig <tom.ludwig@zetera.com> February 2004
# 20002-20033 Unassigned
nburn_id 20034/tcp NetBurner ID Port
nburn_id 20034/udp NetBurner ID Port
# Paul Breed <paul@netburner.com> November 2003
# 20035-20201 Unassigned
ipdtp-port 20202/tcp IPD Tunneling Port
ipdtp-port 20202/udp IPD Tunneling Port
# Vikki Yin Wei <vikki@ipdynamics.com> January 2003
# 20203-20221 Unassigned
ipulse-ics 20222/tcp iPulse-ICS
ipulse-ics 20222/udp iPulse-ICS
# Meggie Garica-Woodruff <ipulse@ericsson.com>
# 20223-20669 Unassigned
track 20670/tcp Track
track 20670/udp Track
# Michael Sweet <msweet@ctr.nawcad.navy.mil>
# 20671-20998 Unassigned
athand-mmp 20999/tcp At Hand MMP
athand-mmp 20999/udp AT Hand MMP
# Stepan Riha <stepan.riha@hand.com>
# 20300-21589 Unassigned
vofr-gateway 21590/tcp VoFR Gateway
vofr-gateway 21590/udp VoFR Gateway
# Marty Borden <mborden@tollbridgetech.com>
# 21591-21799 Unassigned
tvpmp 21800/tcp TVNC Pro Multiplexing
tvpmp 21800/udp TVNC Pro Multiplexing
# Brian Blevins <brian.blevins@tridia.com>
# 21801-21844 Unassigned
webphone 21845/tcp webphone
webphone 21845/udp webphone
netspeak-is 21846/tcp NetSpeak Corp. Directory Services
netspeak-is 21846/udp NetSpeak Corp. Directory Services
netspeak-cs 21847/tcp NetSpeak Corp. Connection Services
netspeak-cs 21847/udp NetSpeak Corp. Connection Services

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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
#
# 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
med-fsp-tx 24002/tcp med-fsp-tx
med-fsp-tx 24002/udp med-fsp-tx
med-supp 24003/tcp med-supp
med-supp 24003/udp med-supp
med-ovw 24004/tcp med-ovw
med-ovw 24004/udp med-ovw
med-ci 24005/tcp med-ci
med-ci 24005/udp med-ci
med-net-svc 24006/tcp med-net-svc
med-net-svc 24006/udp med-net-svc
#
# Juergen Fischbach <juergen.fischbach@philips.com>
#
# 24007-24241 Unassigned
filesphere 24242/tcp fileSphere
filesphere 24242/udp fileSphere
#
# Carl Cedergren <asperon@home.se>
#
# 24243-24248 Unassigned
vista-4gl 24249/tcp Vista 4GL
vista-4gl 24249/udp Vista 4GL
#
# Mark Itzcovitz <mji@vistacomp.com>
#
# 24250-24385 Unassigned
intel_rci 24386/tcp Intel RCI
intel_rci 24386/udp Intel RCI
#
# Mark Lewis <mark.h.lewis@intel.com>
#
# 24387-24553 Unassigned
binkp 24554/tcp BINKP
binkp 24554/udp BINKP
#
# Max Masyutin <max@ritlabs.com>
#
# 24554-34676 Unassigned
flashfiler 24677/tcp FlashFiler
flashfiler 24677/udp FlashFiler
#
# Ben Oram <beno@turbo-power.com>
proactivate 24678/tcp TurboPower Proactivate
proactivate 24678/udp TurboPower Proactivate
#
# Ben Oram <beno@turbo-power.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

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icl-twobase4 25003/tcp icl-twobase4
icl-twobase4 25003/udp icl-twobase4
icl-twobase5 25004/tcp icl-twobase5
icl-twobase5 25004/udp icl-twobase5
icl-twobase6 25005/tcp icl-twobase6
icl-twobase6 25005/udp icl-twobase6
icl-twobase7 25006/tcp icl-twobase7
icl-twobase7 25006/udp icl-twobase7
icl-twobase8 25007/tcp icl-twobase8
icl-twobase8 25007/udp icl-twobase8
icl-twobase9 25008/tcp icl-twobase9
icl-twobase9 25008/udp icl-twobase9
icl-twobase10 25009/tcp icl-twobase10
icl-twobase10 25009/udp icl-twobase10
# J. A. (Tony) Sever <J.A.Sever@bra0119.wins.icl.co.uk>
# 25010-25792 Unassigned
vocaltec-hos 25793/tcp Vocaltec Address Server
vocaltec-hos 25793/udp Vocaltec Address Server
# Scott Petrack <Scott_Petrack@vocaltec.com>
# 25794-25900 Unassigned
niobserver 25901/tcp NIObserver
niobserver 25901/udp NIObserver
# Roman Oliynyk <romano@netinst.com>
# 25902 Unassigned
niprobe 25903/tcp NIProbe
niprobe 25903/udp NIProbe
# Roman Oliynyk <romano@netinst.com>
# 25904-25999 Unassigned
quake 26000/tcp quake
quake 26000/udp quake
# Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
# 26001-26207 Unassigned
wnn6-ds 26208/tcp wnn6-ds
wnn6-ds 26208/udp wnn6-ds
# Yasunari Gon Yamasita <yamasita@omronsoft.co.jp>
# 26209-26259 Unassigned
ezproxy 26260/tcp eZproxy
ezproxy 26260/udp eZproxy
ezmeeting 26261/tcp eZmeeting
ezmeeting 26261/udp eZmeeting
# Albert C. Yang <albert.yang@ezmeeting.com>
k3software-svr 26262/tcp K3 Software-Server
k3software-svr 26262/udp K3 Software-Server
k3software-cli 26263/tcp K3 Software-Client
k3software-cli 26263/udp K3 Software-Client
# Jim Baldrige <jimb@rpower.com>
gserver 26264/tcp Gserver
gserver 26264/udp Gserver
# Szanto Gabor <sgabor90@hotmail.com>
# 26265-26999 Unassigned
flex-lm 27000-27009 FLEX LM (1-10)
# Daniel Birns <daniel@globes.com>
# 27010-27344 Unassigned
imagepump 27345/tcp ImagePump
imagepump 27345/udp ImagePump
# Richard Minner <xippix.com>
# 27346-27503 Unassigned
kopek-httphead 27504/tcp Kopek HTTP Head Port
kopek-httphead 27504/udp Kopek HTTP Head Port
# Sten H. Danielsen <shd@kopek.net> July 2002
# 27505-27998 Unassigned
tw-auth-key 27999/tcp TW Authentication/Key Distribution and
tw-auth-key 27999/udp Attribute Certificate Services
# Alex Duncan <Alex.Duncan@sse.ie>
# 28000-30000 Unassigned
pago-services1 30001/tcp Pago Services 1
pago-services1 30001/udp Pago Services 1
pago-services2 30002/tcp Pago Services 2
pago-services2 30002/udp Pago Services 2
# Balduin Mueller-Platz
# <balduin.mueller-platz@pago.de> March 2002
# 30003-31415 Unassigned
xqosd 31416/tcp XQoS network monitor
xqosd 31416/udp XQoS network monitor
# Joe Elliott <joe@inetd.com> June 2002
# 31417-31619 Unassigned
lm-mon 31620/tcp lm mon
lm-mon 31620/udp lm mon

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# Mounir Hahad <mounir.hahad@eecad.com> June 2003
# 31621-31764 Unassigned
gamesmith-port 31765/tcp GameSmith Port
gamesmith-port 31765/udp GameSmith Port
# Randy Thompson <thompr@earthlink.net> August 2002
# 31766-32767 Unassigned
filenet-tms 32768/tcp Filenet TMS
filenet-tms 32768/udp Filenet TMS
filenet-rpc 32769/tcp Filenet RPC
filenet-rpc 32769/udp Filenet RPC
filenet-nch 32770/tcp Filenet NCH
filenet-nch 32770/udp Filenet NCH
# Daniel Whelan <dwhelan@filenet.com>
filenet-rmi 32771/tcp FileNET RMI
filenet-rmi 32771/udp FileNet RMI
# Chris Adkins <cadkins@filenet.com>
filenet-pa 32772/tcp FileNET Process Analyzer
filenet-pa 32772/udp FileNET Process Analyzer
# Chris Adkins <cadkins@filenet.com> January 2003
filenet-cm 32773/tcp FileNET Component Manager
filenet-cm 32773/udp FileNET Component Manager
# Chris Adkins <cadkins@filenet.com> August 2003
filenet-re 32774/tcp FileNET Rules Engine
filenet-re 32774/udp FileNET Rules Engine
# Chris Adkins <cadkins@filenet.com> August 2003
# 32775-32895 Unassigned
idmgratm 32896/tcp Attachmate ID Manager
idmgratm 32896/udp Attachmate ID Manager
# George Gianelos <GeorgeGi@Attachmate.com> March 2003
# 32897-33330 Unassigned
diamondport 33331/tcp DiamondCentral Interface
diamondport 33331/udp DiamondCentral Interface
# Edward Browdy <ebrowdy@cryptek.com> July 2002
# 33332-33433 Unassigned
traceroute 33434/tcp traceroute use
traceroute 33434/udp traceroute use
# IANA <iana@iana.org>
# 33435-34248 Unassigned
turbonote-2 34249/tcp TurboNote Relay Server Default Port
turbonote-2 34249/udp TurboNote Relay Server Default Port
# Peter Hyde <peter@spis.co.nz>
# 34250-34377 Unassigned
p-net-local 34378/tcp P-Net on IP local
p-net-local 34378/udp P-Net on IP local
# Kurt Nissen <kn@proces-data.com> February 2004
p-net-remote 34379/tcp P-Net on IP remote
p-net-remote 34379/udp P-Net on IP remote
# Kurt Nissen <kn@proces-data.com> February 2004
# 34380-34979 Unassigned
ethercat 34980/tcp EtherCAT Port
ethercat 34980/udp EhterCAT Port
# Martin Rostan <m.rostan@beckhoff.com> November 2003
# 34981-36864 Unassigned
kastenpipe 36865/tcp KastenX Pipe
kastenpipe 36865/udp KastenX Pipe
# Guy Cheng <GCHE@kastenchase.com>
# 36866-37474 Unassigned
neckar 37475/tcp science + computing's Venus Administration Port
neckar 37475/udp science + computing's Venus Administration Port
# Ralf Allrutz <R.Allrutz@science-computing.de> February 2002
# 37476-38200 Unassigned
galaxy7-data 38201/tcp Galaxy7 Data Tunnel
galaxy7-data 38201/udp Galaxy7 Data Tunnel
# Tatham Oddie <tatham@e-oddie.com> September 2002
# 38202-39680 Unassigned
turbonote-1 39681/tcp TurboNote Default Port
turbonote-1 39681/udp TurboNote Default Port
# Peter Hyde <peter@spis.co.nz>
# 39682-40840 Unassigned
cscp 40841/tcp CSCP
cscp 40841/udp CSCP
# Michael Dodge <sarge@centerspan.com>
csccredir 40842/tcp CSCCREDIR
csccredir 40842/udp CSCCREDIR
cscffirewall 40843/tcp CSCCFIREWALL
cscffirewall 40843/udp CSCCFIREWALL
# Sudhir Menon <sudhir@centerspan.com>
# 40844-41110 Unassigned

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fs-qos      41111/tcp    Foursticks QoS Protocol
fs-qos      41111/udp    Foursticks QoS Protocol
#
#          41112-41793 Unassigned
crestron-cip 41794/tcp    Crestron Control Port
crestron-cip 41794/udp    Crestron Control Port
crestron-ctp 41795/tcp    Crestron Terminal Port
crestron-ctp 41795/udp    Crestron Terminal Port
#
#          41796-43187 Unassigned
reachout     43188/tcp    REACHOUT
reachout     43188/udp    REACHOUT
ndm-agent-port 43189/tcp    NDM-AGENT-PORT
ndm-agent-port 43189/udp    NDM-AGENT-PORT
ip-provision 43190/tcp    IP-PROVISION
ip-provision 43190/udp    IP-PROVISION
#
#          43191-44320 Unassigned
pmcd         44321/tcp    PCP server (pmcd)
pmcd         44321/udp    PCP server (pmcd)
#
#          44322-44323 Unassigned
pmcdproxy   44322/tcp    PCP server (pmcd) proxy
pmcdproxy   44322/udp    PCP server (pmcd) proxy
#
#          44323-44817 Unassigned
rockwell-encap 44818/tcp    Rockwell Encapsulation
rockwell-encap 44818/udp    Rockwell Encapsulation
#
#          44819-45053 Unassigned
invision-ag  45054/tcp    InVision AG
invision-ag  45054/udp    InVision AG
#
#          45055-45677 Unassigned
eba         45678/tcp    EBA PRISE
eba         45678/udp    EBA PRISE
#
#          45679-45965 Unassigned
ssr-servermgr 45966/tcp    SSRServerMgr
ssr-servermgr 45966/udp    SSRServerMgr
#
#          45967-46999 Unassigned
mbus        47000/tcp    Message Bus
mbus        47000/udp    Message Bus
#
#          47001-47556 Unassigned
dbbrowse    47557/tcp    Databeam Corporation
dbbrowse    47557/udp    Databeam Corporation
#
#          47558-47623 Unassigned
directplaysrvr 47624/tcp    Direct Play Server
directplaysrvr 47624/udp    Direct Play Server
#
#          47625-47805 Unassigned
ap          47806/tcp    ALC Protocol
ap          47806/udp    ALC Protocol
#
#          47807 Unassigned
bacnet      47808/tcp    Building Automation and Control Networks
bacnet      47808/udp    Building Automation and Control Networks
#
#          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
#
#          48004-48555 Unassigned
com-bardac-dw 48556/tcp    com-bardac-dw
com-bardac-dw 48556/udp    com-bardac-dw
#
#          48557-48618 Unassigned
iqobject     48619/tcp    iqobject
iqobject     48619/udp    iqobject
#
#          48619-48619 Unassigned
Bjorn de Bonnenfant <bdeb@iqobject.com> November 2003

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# 48620-49150 Unassigned  
# 49151 IANA Reserved

DYNAMIC AND/OR PRIVATE PORTS

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

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- [RFC3576] M. Chiba, G. Dommety, M. Eklund, D. Mitton, and B. Aboba, "Dynamic Authorization Extensions to Remote Authentication Dial In User Service (RADIUS)", RFC 3576, July 2003.
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- [RFC3720] J. Satran, K. Meth, C. Sapuntzakis, M. Chadalapaka, and E. Zeidner, "iSCSI", RFC 3720, April 2004.
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