

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

The Well Known Ports are those from 0 through 1023.

DCCP Well Known ports SHOULD NOT be used without IANA registration. The registration procedure is defined in [RFC-ietf-dccp-spec-13.txt], Section 19.9.

The Registered Ports are those from 1024 through 49151

DCCP Registered ports SHOULD NOT be used without IANA registration. The registration procedure is defined in [RFC-ietf-dccp-spec-13.txt], Section 19.9.

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

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

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

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

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

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

Port Assignments:

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

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#      15/udp  Unassigned
#      16/tcp  Unassigned
#      16/udp  Unassigned
qotd   17/tcp  Quote of the Day
qotd   17/udp  Quote of the Day
#           Jon Postel <postel@isi.edu>
msp    18/tcp  Message Send Protocol
msp    18/udp  Message Send Protocol
#           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

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

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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

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

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#           B. Clifford Neuman <bcn@isi.edu>
su-mit-tg  89/tcp  SU/MIT Telnet Gateway
su-mit-tg  89/udp  SU/MIT Telnet Gateway
#           Mark Crispin <MRC@PANDA.COM>
##### PORT 90 also being used unofficially by Pointcast #####
dnsix      90/tcp  DNSIX Securit Attribute Token Map
dnsix      90/udp  DNSIX Securit Attribute Token Map
#           Charles Watt <watt@sware.com>
mit-dov    91/tcp  MIT Dover Spooler
mit-dov    91/udp  MIT Dover Spooler
#           Eliot Moss <EBM@XX.LCS.MIT.EDU>
npp        92/tcp  Network Printing Protocol
npp        92/udp  Network Printing Protocol
#           Louis Mamakos <louie@sayshell.umd.edu>
dcp        93/tcp  Device Control Protocol
dcp        93/udp  Device Control Protocol
#           Daniel Tappan <Tappan@BBN.COM>
objcall    94/tcp  Tivoli Object Dispatcher
objcall    94/udp  Tivoli Object Dispatcher
#           Tom Bereiter <--none-->
supdup     95/tcp  SUPDUP
supdup     95/udp  SUPDUP
#           Mark Crispin <MRC@PANDA.COM>
dixie      96/tcp  DIXIE Protocol Specification
dixie      96/udp  DIXIE Protocol Specification
#           Tim Howes <Tim.Howes@terminator.cc.umich.edu>
swift-rvf  97/tcp  Swift Remote Virtual File Protocol
swift-rvf  97/udp  Swift Remote Virtual File Protocol
#           Maurice R. Turcotte
#           <mailrus!uf florida!rm1!dnmrt%rmatl@uunet.UU.NET>
tacnews    98/tcp  TAC News
tacnews    98/udp  TAC News
#           Jon Postel <postel@isi.edu>
metagram   99/tcp  Metagram Relay
metagram   99/udp  Metagram Relay
#           Geoff Goodfellow <Geoff@FERNWOOD.MPK.CA.US>
newacct    100/tcp  [unauthorized use]
hostname   101/tcp  NIC Host Name Server
hostname   101/udp  NIC Host Name Server
#           Jon Postel <postel@isi.edu>
iso-tsap   102/tcp  ISO-TSAP Class 0
iso-tsap   102/udp  ISO-TSAP Class 0
#           Marshall Rose <mrose@dbc.mtview.ca.us>
gppitnp    103/tcp  Genesis Point-to-Point Trans Net
gppitnp    103/udp  Genesis Point-to-Point Trans Net
acr-nema   104/tcp  ACR-NEMA Digital Imag. & Comm. 300
acr-nema   104/udp  ACR-NEMA Digital Imag. & Comm. 300
#           Patrick McNamee <--none-->
cso        105/tcp  CCSO name server protocol
cso        105/udp  CCSO name server protocol
#           Martin Hamilton <martin@mrrl.lut.as.uk>

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csnet-ns    105/tcp  Mailbox Name Nameserver
csnet-ns    105/udp  Mailbox Name Nameserver
#           Marvin Solomon <solomon@CS.WISC.EDU>
3com-tsmux  106/tcp  3COM-TSMUX
3com-tsmux  106/udp  3COM-TSMUX
#           Jeremy Siegel <jzs@NSD.3Com.COM>
#####    106    Unauthorized use by insecure poppassd protocol
rtelnet     107/tcp  Remote Telnet Service
rtelnet     107/udp  Remote Telnet Service
#           Jon Postel <postel@isi.edu>
snagas      108/tcp  SNA Gateway Access Server
snagas      108/udp  SNA Gateway Access Server
#           Kevin Murphy <murphy@sevens.lkg.dec.com>
pop2        109/tcp  Post Office Protocol - Version 2
pop2        109/udp  Post Office Protocol - Version 2
#           Joyce K. Reynolds <jkrey@isi.edu>
pop3      110/tcp  Post Office Protocol - Version 3
pop3      110/udp  Post Office Protocol - Version 3
#           Marshall Rose <mrose@dbc.mtview.ca.us>
sunrpc      111/tcp  SUN Remote Procedure Call
sunrpc      111/udp  SUN Remote Procedure Call
#           Chuck McManis <cmcmanis@freegate.net>
mcidas      112/tcp  McIDAS Data Transmission Protocol
mcidas      112/udp  McIDAS Data Transmission Protocol
#           Glenn Davis <support@unidata.ucar.edu>
ident       113/tcp
auth        113/tcp  Authentication Service
auth        113/udp  Authentication Service
#           Mike St. Johns <stjohns@arpa.mil>
#           114    Deprecated June 2004
sftp        115/tcp  Simple File Transfer Protocol
sftp        115/udp  Simple File Transfer Protocol
#           Mark Lottor <MKL@nisc.sri.com>
ansanotify  116/tcp  ANSA REX Notify
ansanotify  116/udp  ANSA REX Notify
#           Nicola J. Howarth <njh@ansa.co.uk>
uucp-path   117/tcp  UUCP Path Service
uucp-path   117/udp  UUCP Path Service
sqlserv     118/tcp  SQL Services
sqlserv     118/udp  SQL Services
#           Larry Barnes <barnes@broke.enet.dec.com>
nntp        119/tcp  Network News Transfer Protocol
nntp        119/udp  Network News Transfer Protocol
#           Phil Lapsley <phil@UCBARPA.BERKELEY.EDU>
cfdptkt     120/tcp  CFDPTKT
cfdptkt     120/udp  CFDPTKT
#           John Ioannidis <ji@close.cs.columbia.ed>
erpc        121/tcp  Encore Expedited Remote Pro.Call
erpc        121/udp  Encore Expedited Remote Pro.Call
#           Jack O'Neil <---none--->
smakynet    122/tcp  SMAKYNET

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smakynet    122/udp  SMAKYNET
#           Pierre Arnaud <pierre.arnaud@iname.com>
ntp         123/tcp  Network Time Protocol
ntp         123/udp  Network Time Protocol
#           Dave Mills <Mills@HUEY.UDEL.EDU>
ansatrader  124/tcp  ANSA REX Trader
ansatrader  124/udp  ANSA REX Trader
#           Nicola J. Howarth <njh@ansa.co.uk>
locus-map   125/tcp  Locus PC-Interface Net Map Ser
locus-map   125/udp  Locus PC-Interface Net Map Ser
#           Eric Peterson <lcc.eric@SEAS.UCLA.EDU>
nxedit      126/tcp  NXEdit
nxedit      126/udp  NXEdit
#           Don Payette <Don.Payette@unisys.com>
#####Port 126 Previously assigned to application below#####
#unitary    126/tcp  Unisys Unitary Login
#unitary    126/udp  Unisys Unitary Login
#           <feil@kronos.nisd.cam.unisys.com>
#####Port 126 Previously assigned to application above#####
locus-con   127/tcp  Locus PC-Interface Conn Server
locus-con   127/udp  Locus PC-Interface Conn Server
#           Eric Peterson <lcc.eric@SEAS.UCLA.EDU>
gss-xlicen  128/tcp  GSS X License Verification
gss-xlicen  128/udp  GSS X License Verification
#           John Light <johnl@gssc.gss.com>
pwdgen      129/tcp  Password Generator Protocol
pwdgen      129/udp  Password Generator Protocol
#           Frank J. Wacho <WANCHO@WSMR-SIMTEL20.ARMY.MIL>
cisco-fna   130/tcp  cisco FNATIVE
cisco-fna   130/udp  cisco FNATIVE
cisco-tna   131/tcp  cisco TNATIVE
cisco-tna   131/udp  cisco TNATIVE
cisco-sys   132/tcp  cisco SYSMANT
cisco-sys   132/udp  cisco SYSMANT
statsrv     133/tcp  Statistics Service
statsrv     133/udp  Statistics Service
#           Dave Mills <Mills@HUEY.UDEL.EDU>
ingres-net  134/tcp  INGRES-NET Service
ingres-net  134/udp  INGRES-NET Service
#           Mike Berrow <---none--->
epmap       135/tcp  DCE endpoint resolution
epmap       135/udp  DCE endpoint resolution
#           Joe Pato <pato@apollo.hp.com>
profile     136/tcp  PROFILE Naming System
profile     136/udp  PROFILE Naming System
#           Larry Peterson <llp@ARIZONA.EDU>
netbios-ns  137/tcp  NETBIOS Name Service
netbios-ns  137/udp  NETBIOS Name Service
netbios-dgm 138/tcp  NETBIOS Datagram Service
netbios-dgm 138/udp  NETBIOS Datagram Service
netbios-ssn 139/tcp  NETBIOS Session Service

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netbios-ssn 139/udp NETBIOS Session Service
 # Jon Postel <postel@isi.edu>
 emfis-data 140/tcp EMFIS Data Service
 emfis-data 140/udp EMFIS Data Service
 emfis-cntl 141/tcp EMFIS Control Service
 emfis-cntl 141/udp EMFIS Control Service
 # Gerd Beling <GBELING@ISI.EDU>
 bl-idm 142/tcp Britton-Lee IDM
 bl-idm 142/udp Britton-Lee IDM
 # Susie Snitzer <---none--->
imap 143/tcp Internet Message Access Protocol
imap 143/udp Internet Message Access Protocol
 # Mark Crispin <MRC@CAC.Washington.EDU>
 uma 144/tcp Universal Management Architecture
 uma 144/udp Universal Management Architecture
 # Jay Whitney <jw@powercenter.com>
 uaac 145/tcp UAAC Protocol
 uaac 145/udp UAAC Protocol
 # David A. Gomberg <gomberg@GATEWAY.MITRE.ORG>
 iso-tp0 146/tcp ISO-IP0
 iso-tp0 146/udp ISO-IP0
 iso-ip 147/tcp ISO-IP
 iso-ip 147/udp ISO-IP
 # Marshall Rose <mrose@dbc.mtview.ca.us>
 jargon 148/tcp Jargon
 jargon 148/udp Jargon
 # Bill Weinman <wew@bearnert.com>
 aed-512 149/tcp AED 512 Emulation Service
 aed-512 149/udp AED 512 Emulation Service
 # Albert G. Broscius <broscius@DSL.CIS.UPENN.EDU>
 sql-net 150/tcp SQL-NET
 sql-net 150/udp SQL-NET
 # Martin Picard <---none--->
 hems 151/tcp HEMS
 hems 151/udp HEMS
 bftp 152/tcp Background File Transfer Program
 bftp 152/udp Background File Transfer Program
 # Annette DeSchon <DESCHON@ISI.EDU>
 sgmp 153/tcp SGMP
 sgmp 153/udp SGMP
 # Marty Schoffstahl <schoff@NISC.NYSER.NET>
 netsc-prod 154/tcp NETSC
 netsc-prod 154/udp NETSC
 netsc-dev 155/tcp NETSC
 netsc-dev 155/udp NETSC
 # Sergio Heker <heker@JVNCC.CSC.ORG>
 sqlsrv 156/tcp SQL Service
 sqlsrv 156/udp SQL Service
 # Craig Rogers <Rogers@ISI.EDU>
 knet-cmp 157/tcp KNET/VM Command/Message Protocol
 knet-cmp 157/udp KNET/VM Command/Message Protocol

Gary S. Malkin <GMALKIN@XYLOGICS.COM>
pcmail-srv 158/tcp PCMail Server
pcmail-srv 158/udp PCMail Server
Mark L. Lambert <markl@PTT.LCS.MIT.EDU>
nss-routing 159/tcp NSS-Routing
nss-routing 159/udp NSS-Routing
Yakov Rekhter <Yakov@IBM.COM>
sgmp-traps 160/tcp SGMP-TRAPS
sgmp-traps 160/udp SGMP-TRAPS
Marty Schoffstahl <schoff@NISC.NYSER.NET>
snmp 161/tcp SNMP
snmp 161/udp SNMP
snmptrap 162/tcp SNMPTRAP
snmptrap 162/udp SNMPTRAP
Marshall Rose <mrose@dbc.mtview.ca.us>
cmip-man 163/tcp CMIP/TCP Manager
cmip-man 163/udp CMIP/TCP Manager
cmip-agent 164/tcp CMIP/TCP Agent
cmip-agent 164/udp CMIP/TCP Agent
Amatzia Ben-Artzi <---none--->
xns-courier 165/tcp Xerox
xns-courier 165/udp Xerox
Susie Armstrong <Armstrong.wbst128@XEROX.COM>
s-net 166/tcp Sirius Systems
s-net 166/udp Sirius Systems
Brian Lloyd <brian@lloyd.com>
namp 167/tcp NAMP
namp 167/udp NAMP
Marty Schoffstahl <schoff@NISC.NYSER.NET>
rsvd 168/tcp RSVD
rsvd 168/udp RSVD
Neil Todd <mcvax!list.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

