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#
# This file contains port numbers for well-known services defined by IANA
#
# Format:
#
# <service name> <port number>/<protocol> [aliases...] [#<comment>]
#
echo                7/tcp
echo                7/udp
discard            9/tcp      sink null
discard            9/udp      sink null
systat             11/tcp      users          #Active users
systat             11/udp      users          #Active users
daytime            13/tcp
daytime            13/udp
qotd               17/tcp      quote          #Quote of the day
qotd               17/udp      quote          #Quote of the day
chargen            19/tcp      ttytst source #Character generator
chargen            19/udp      ttytst source #Character generator
ftp-data           20/tcp
ftp                21/tcp
ssh                22/tcp      #SSH Remote Login Protocol
telnet             23/tcp
smtp               25/tcp      mail           #Simple Mail Transfer Protocol
time               37/tcp      timserver
time               37/udp      timserver
rlp                39/udp      resource      #Resource Location Protocol
nameserver         42/tcp      name          #Host Name Server
nameserver         42/udp      name          #Host Name Server
nicname            43/tcp      whois
domain             53/tcp
domain             53/udp      #Domain Name Server
bootps             67/udp      dhcpserver    #Bootstrap Protocol Server
bootpc             68/udp      dhcpclient    #Bootstrap Protocol Client
tftp               69/udp
gopher             70/tcp
finger             79/tcp
http               80/tcp      www www-http  #World Wide Web
hosts2-ns          81/tcp      #HOSTS2 Name Server
hosts2-ns          81/udp      #HOSTS2 Name Server
kerberos           88/tcp      krb5 kerberos-sec #Kerberos
kerberos           88/udp      krb5 kerberos-sec #Kerberos
hostname           101/tcp     hostnames     #NIC Host Name Server
iso-tsap           102/tcp     #ISO-TSAP Class 0
rtelnet           107/tcp     #Remote Telnet Service
pop2               109/tcp     postoffice    #Post Office Protocol - Version 2
pop3               110/tcp     #Post Office Protocol - Version 3
sunrpc             111/tcp     rpcbind portmap #SUN Remote Procedure Call
sunrpc             111/udp     rpcbind portmap #SUN Remote Procedure Call
auth               113/tcp     ident tap     #Identification Protocol
uucp-path          117/tcp
sqlserv            118/tcp     #SQL Services
nntp               119/tcp     usenet        #Network News Transfer Protocol
ntp                123/udp     #Network Time Protocol
epmap              135/tcp     loc-srv       #DCE endpoint resolution
epmap              135/udp     loc-srv       #DCE endpoint resolution
netbios-ns         137/tcp     nbname        #NETBIOS Name Service
netbios-ns         137/udp     nbname        #NETBIOS Name Service
netbios-dgm        138/udp     nbdatagram    #NETBIOS Datagram Service
netbios-ssn        139/tcp     nbssession    #NETBIOS Session Service
imap               143/tcp     imap4         #Internet Message Access Protocol
sql-net            150/tcp
sqlsrv             156/tcp
pcmail-srv         158/tcp     #PCMail Server
snmp               161/udp     #SNMP
snmptrap           162/udp     snmp-trap     #SNMP trap
print-srv          170/tcp     #Network PostScript
bgp                179/tcp     #Border Gateway Protocol
irc                194/tcp     #Internet Relay Chat Protocol
ipx                213/udp     #IPX over IP
rtsps              322/tcp
rtsps              322/udp
mftp               349/tcp
mftp               349/udp
ldap               389/tcp
https              443/tcp     MCom          #HTTP over TLS/SSL
https              443/udp     MCom          #HTTP over TLS/SSL
microsoft-ds       445/tcp
microsoft-ds       445/udp
kpasswd            464/tcp     # Kerberos (v5)
kpasswd            464/udp     # Kerberos (v5)
isakmp             500/udp     ike           #Internet Key Exchange
crs                507/tcp     #Content Replication System
crs                507/udp     #Content Replication System
exec               512/tcp     #Remote Process Execution
biff               512/udp     comsat
login              513/tcp     #Remote Login
who                513/udp     whod
cmd                514/tcp     shell
syslog             514/udp
printer            515/tcp     spooler
talk               517/udp

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