
4

	inetd
	/etc/inetd.conf inetd

4.1

()
가 inetd . inetd
가
(telnet, ftp)
.
/etc/inetd.conf .
/etc/inetd.conf
. FTP, telnet, gopher, remote shell(rsh), remote rlogin(rlogin), remote
exec(rexec), talk, POP2, POP3, IMAP, finger, time(tcp), time(udp)
.

4.1.1 inetd

inetd daemon FTP, telnet, POP2/3, finger
super server' . inetd daemon
. inetd daemon /etc/inetd.conf ,
/etc/services .
, inetd .
가 telnet inetd .
① 가 TCP 23 telnet .
② inetd /etc/services telnet TCP 23 .

/etc /services

③ Inetd TCP 23 /usr/sbin/tcpd
in.telnetd . tcpd in.telnetd telnet
telnet .

4.1.2 /etc/services

IP IP , TCP UDP
. 16
ID ,
. UNIX /etc/services
1 1023 'well-known services'
telnet TCP 23 ,
ftp TCP 21 , talk UDP 517 . 1024
5000

/etc/services

```
# @(#)Header: services,v 1.23.109.6 92/09/21 11:53:07 ash Exp $
#
# This file associates official service names and aliases with
# the port number and protocol the services use.
#
# Some of the services represented below are not supported on HP-UX.
# They are provided solely as a reference.
#
# The form for each entry is:
# <official service name> <port number/protocol name> <aliases>
#
# See the services(4) manual page for more information.
# Note: The entries cannot be preceded by a blank space.
#
echo          7/tcp          # Echo
echo          7/udp          #
discard       9/tcp  sink null # Discard
discard       9/udp  sink null #
systat        11/tcp  users    # Active Users
daytime       13/tcp          # Daytime
daytime       13/udp          #
qotd          17/tcp  quote    # Quote of the Day
chargen       19/tcp  ttytst source # Character Generator
```

chargen	19/udp	ttytst source	#
ftp-data	20/tcp		# File Transfer Protocol (Data)
ftp	21/tcp		# File Transfer Protocol (Control)
telnet	23/tcp		# Virtual Terminal Protocol
smtp	25/tcp		# Simple Mail Transfer Protocol
time	37/tcp	timeserver	# Time
time	37/udp	timeserver	#
rlp	39/udp	resource	# Resource Location Protocol
whois	43/tcp	nicname	# Who Is
domain	53/tcp	nameserver	# Domain Name Service
domain	53/udp	nameserver	# Domain Name Service
.....			

4.1.3 /etc/inetd.conf

```

/etc/inetd.conf
.

<service_name> <socket_type> <proto> <flags> <user> <server_pathname> <args>

o service : /etc/services
o socket type : TCP stream, UDP dgram
o protocol : tcp udp /etc/protocols
.
o wait flag : inetd가 ,
nowait wait . stream
nowait
o login name :
o server :
. ( : /usr/etc/in.fingerd)
o argument : 5 가
argv[0]
.

```

```

# @(#)inetd.conf 1.23 90/01/03 SMI
#
# Configuration file for inetd(8). See inetd.conf(5).
#
# Internet services syntax:

```

```
# <service_name> <socket_type> <proto> <flags> <user> <server_pathname> <args>
# Ftp and telnet are standard Internet services.
# ftp stream tcp nowait root /usr/etc/in.ftpd in.ftpd
telnet stream tcp nowait root /usr/etc/in.telnetd in.telnetd
nntp stream tcp nowait root /etc/nntpd nntpd
#
# Tnamed serves the obsolete IEN-116 name server protocol.
#
name dgram udp wait root /usr/etc/in.tnmaed in.tnamed
#
# Shell, login, exec, comsat and talk are BSD protocols.

.....
```

4.1.4 inetd

inetd

inetd.conf

Inetd

가.

ftp

/etc/inetd.conf

(#)

```
#ftp stream tcp nowait root /usr/sbin/in.ftpd in.ftpd
```

/etc/inetd.conf

(#)

```
ftp stream tcp nowait root /usr/sbin/in.ftpd in.ftpd
```

/etc/inetd.conf

inetd

kill

/usr/sbin/inetd

```
#kill -9 <process >
#/usr/sbin/inetd -s
```

Inetd kill .

#kill -HUP inetd

4.2

```
[  ] ID 가 user001 10001
, user002 10002 .
netstat PC scan
ps .
```

```
# netstat .na //
```

```
# ps .ef //
```

가.

. windows Linux PC 가 .

가

. windows

Linux

PC

가