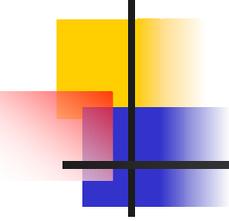


7 Xinetd

NCS Lab
2002. 09. 17

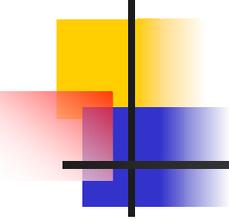


1.

?

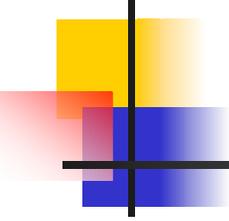
■

■



2.

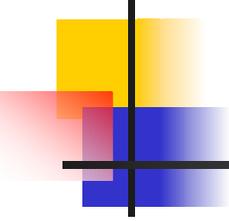
- ps
- amd : NFS
- apmd : Advanced Power Management ,
- arpwatch : IP
- atd :
가
- autofs : fs -
fs —



2.

||

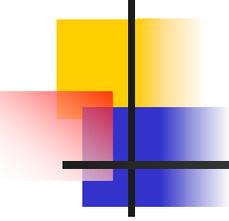
- bootparamd :
- crond :
- dhcpd :
- gated : ,
- gpm : ,
- httpd : ,
- Identd : identd



2.

III

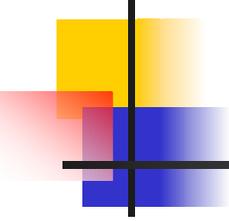
- inn : ,
- keytable : /usr/sbin/kbdconfig
- kflushd :
- kerneld :
- kudzu : ,
- lpd :
- mcserve : Midnight Command
- named : IP DNS
- netfs : , NFS, NCP ,



2.

IV

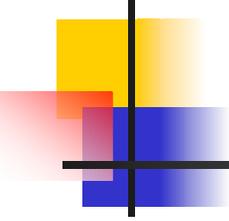
- network :
- nfs : NFS ,
- nfslock : rpc.lockd, rpc.stad
- nscd : NIS, NIS+
- portmap : RPC(Remote Procedure Call)
 , NIS, NFS
- postgresql : postgresql DB
- proftpd : Proftp



2.

V

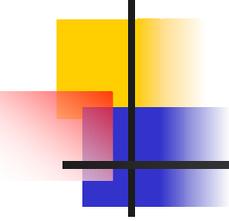
- random :
- routed : IP 가
- ruserd : 가
- rwhod : 가
- sendmail :
- smb :
- sound : ,
- syslog : /var/log



2.

VI

- xfs : X
- xinetd : 7.0 inetd
- ypbind : NIS/YP
- yppasswd : NIS 가
- ypserv : NIS/YP



3.

Xinetd I

1. Xinetd

?

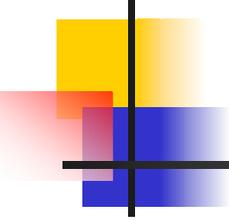
-

-

inetd

- TCP wrapper

->



3.

Xinetd II

2. Xinetd

a. TCP, UDP, RPC

-

- libwrap

- tcpd

-

-

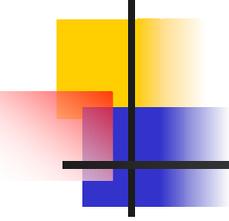
b.

-

- DoS

-

-



3.

Xinetd III

c.

-

syslog

-

-

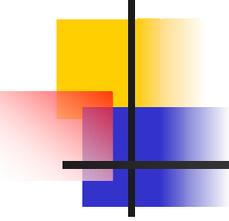
d.

e. IPv6

3. Xinetd

<http://www.xinetd.org>

xinetd - 2.3.3.tar.gz



3.

Xinetd IV

4. Xinetd

```
./configure , make make  
insatall
```

5. Xinetd.conf

```
/etc/xinetd.conf
```

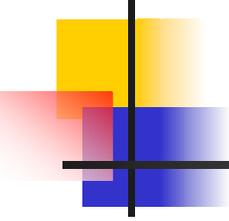
a. 6.2 inetd.conf ->

```
xinetd.conf
```

```
- inetd xinetd
```

```
- /usr/bin/xconf.pl
```

```
xconf.pl < /etc/inetd.conf > /etc/xinetd.conf
```



3.

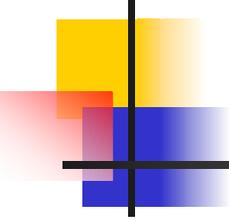
Xinetd V

b. xinetd.conf

- default section : xinetd
- service section : xinetd.conf
- `=, +=, -=` .

```
default
{
    < attitude> < assign_op> < value> < value> ....
}

Service (service_name)
{
    < attitude> < assign_op> < value> < value> ....
}
```



3.

Xinetd VI

c.

- default section
(/etc/xinetd.conf)

instances :

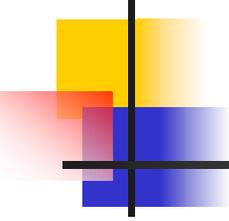
UNLIMITED ,

log_type :

가 , SYSLOG FILE

log_on_success :

. PID, HOST, USERID, EXIT,
DURATION



3.

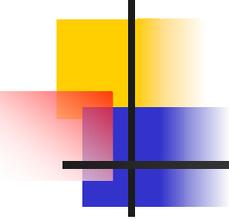
Xinetd VII

log_on_failure : 가

only_from : 가

per_source : IP 가

enable : 가



3.

Xinetd VIII

no_access:

disable :

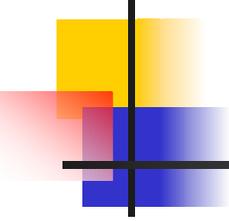
. enable

enable

.

inlcudedir : /etc/xinetd.conf

,



3.

Xinetd IX

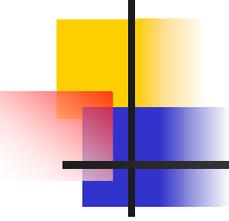
- services section
(/etc/xinetd.d proftpd)
 service ftp :

 disable : 가

 flags : REUSE, INTERCEPT, NORETRY,
 IDONLY, NAMEINARGS, NODELAY,
 DISABLE, KEEPALIVE

 protocol : 가

 socket_type : stream, dgram, raw,
 seqpacket



3.

Xinetd X

wait : 가

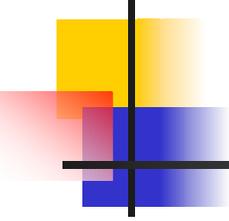
user :
ID

server :

access time :

redirect : TCP

port :



3.

Xinetd XI

nice :

-20 ~ 19

d. xinetd

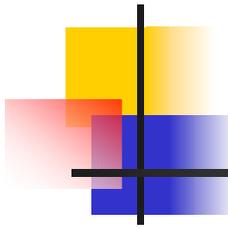
`/etc/rc.d/init.d/xinetd`

- `/etc/rc.d/init.d/xinetd start`
- `/etc/rc.d/init.d/xinetd restart`

e. xinetd

.

`chmod 600 /etc/xinetd.conf`



4.

1.

a. pstree :

.

가

b. top : CPU

c. nohup :

가

가

d.

(nice) :

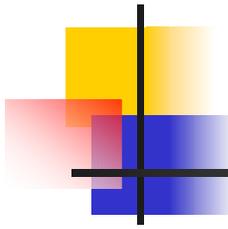
.

-20~19

가

가

.



4.

||

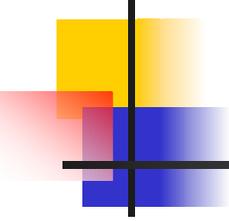
2.

a. ntsysv :

b. chkconfig :

c. control-panel :

가



5.

|

1. at

a.

at [-q queue] [-f file] [-options] TIME

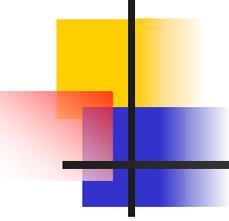
b. :

c.

at

-> at>

-> Ctrl + D



5.

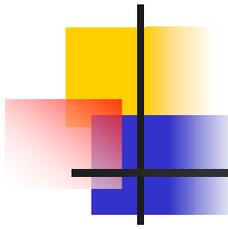
||

e. at : /etc/at.allow

f. at : atq

g. at :

atrm



5.

III

2. cron

a. cron

crontab : cron

b. /etc/crontab :

c. : /etc/cron.allow