
FreeBSD

Korea FreeBSD Users Group – <http://www.kr.FreeBSD.org/>

Chapter 13 :

<rick@rickinc.com> .

<nobreak@kr.FreeBSD.org> .

: 2004 8 7

: 2005 3 8

: 1.0

FreeBSD Documentation Project FreeBSD Handbook 2004 8

7 . FreeBSD Handbook ,
, CVS Repository
,
,
가
가 . KFUG(Korea FreeBSD Users Group)
KFUG

“FreeBSD Handbook” “FreeBSD Documentation Project” , “ FreeBSD
” “ (Young-oak Lee)” .

Copyright © 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004 The FreeBSD Documentation Project.

13

13.1

FreeBSD

가

:

- FreeBSD

- 가 가

- 가

- 가

- CPU
가

- 가

:

- UNIX FreeBSD(3)

13.2

FreeBSD

FreeBSD

가

User name

```
login: 가 ;
passwd(5) ; 8
```

Password

```
가 가 ;
가
```

User ID (UID)

```
UID 가 0 65536
(4294967295 UID/GID ID
가 ). FreeBSD
UID FreeBSD
UID 가
UID FreeBSD
```

```
%id
uid=1001(rick4u) gid=1001(rick4u) groups=1001(rick4u), 0(wheel)
```

[13-1.bmp]

Group ID (GID)

```
GID 가 0 65536
```

UID GID

Login class

가

Password change time

FreeBSD

Account expiry time

FreeBSD

가

가

User's full name

FreeBSD

Home directory

가

/home/username

/usr/home/username

User shell

가 . 가

3 : ,
root .

13.3

root

가

가 가 가
가 .

13.4

DNS,

가

daemon, operator, bind() news .
httpd .

nobody

nobody

가

가 가

```

daemon:*:1:1:Owner of many system processes:/root:/sbin/nologin
operator:*:2:5:System &:/sbin/nologin
bin:*:3:7:Binaries Commands and Source:/sbin/nologin
tty:*:4:65533:Tty Sandbox:/sbin/nologin
kmem:*:5:65533:KMem Sandbox:/sbin/nologin
games:*:7:13:Games pseudo-user:/usr/games:/sbin/nologin
news:*:8:8:News Subsystem:/sbin/nologin
man:*:9:9:Mister Man Pages:/usr/share/man:/sbin/nologin
sshd:*:22:22:Secure Shell Daemon:/var/empty:/sbin/nologin
snnsp:*:25:25:Sendmail Submission User:/var/spool/clientmqueue:/sbin/nologin
mailnull:*:26:26:Sendmail Default User:/var/spool/mqueue:/sbin/nologin
bind:*:53:53:Bind Sandbox:/sbin/nologin
uucp:*:66:66:UUCP pseudo-user:/var/spool/uucppublic:/usr/libexec/uucp/uucico
xten:*:67:67:X-10 daemon:/usr/local/xten:/sbin/nologin
pop:*:68:6:Post Office Owner:/nonexistent:/sbin/nologin
www:*:80:80:World Wide Web Owner:/nonexistent:/sbin/nologin
nobody:*:65534:65534:Unprivileged user:/nonexistent:/sbin/nologin

```

[13-2.bmp]

13.5

가

가

13.6

가

adduser(8)	가
rmuser(8)	
chpass(1)	
passwd(1)	
pw(8)	

13.6.1 adduser

adduser(8) 가
passwd group
/usr/share/skel (" ") 가

```
adduser -s -config_create(-s adduser(8)
-v .) adduser(8)
root
```

13-1. adduser FreeBSD 4.X 가

```
# adduser -v
Use option ``-silent'' if you don't want to see all warnings and questions.
Check /etc/shells
Check /etc/master.passwd
```

```
Check /etc/group
Enter your default shell: csh date no sh tcsh zsh [sh]: zsh
Your default shell is: zsh -> /usr/local/bin/zsh
Enter your default HOME partition: [/home]:
Copy dotfiles from: /usr/share/skel no [/usr/share/skel]:
Send message from file: /etc/adduser.message no
[/etc/adduser.message]: no
Do not send message
Use passwords (y/n) [y]: y

Write your changes to /etc/adduser.conf? (y/n) [n]: y

Ok, let's go.
Don't worry about mistakes. I will give you the chance later to correct any input.
Enter username [a-z0-9_-]: jru
Enter full name []: J. Random User
Enter shell csh date no sh tcsh zsh [zsh]:
Enter home directory (full path) [/home/jru]:
Uid [1001]:
Enter login class: default []:
Login group jru [jru]:
Login group is ``jru''. Invite jru into other groups: guest no
[no]: wheel
Enter password []:
Enter password again []:

Name:      jru
Password:  ****
Fullname:  J. Random User
Uid:       1001
Gid:       1001 (jru)
Class:
Groups:    jru wheel
HOME:      /home/jru
Shell:     /usr/local/bin/zsh
OK? (y/n) [y]: y
Added user ``jru''
Copy files from /usr/share/skel to /home/jru
Add another user? (y/n) [y]: n
Goodbye!
#
```

```
zsh(          가          )
.
jru wheel    (    su(1)    root 가    )
```


Note: *

Note: adduser(8) 가
가 -s

13-2. FreeBSD 5.X 가

```
# adduser
Username: jru
Full name: J. Random User
Uid (Leave empty for default):
Login group [jru]:
Login group is jru. Invite jru into other groups? []: wheel
Login class [default]:
Shell (sh csh tcsh zsh nologin) [sh]: zsh
Home directory [/home/jru]:
Use password-based authentication? [yes]:
Use an empty password? (yes/no) [no]:
Use a random password? (yes/no) [no]:
Enter password:
Enter password again:
Lock out the account after creation? [no]:
Username   : jru
Password   : ****
Full Name   : J. Random User
Uid        : 1001
Class      :
Groups     : jru wheel
Home       : /home/jru
Shell      : /usr/local/bin/zsh
Locked     : no
OK? (yes/no): yes
adduser: INFO: Successfully added (jru) to the user database.
```

```
Add another user? (yes/no): no
Goodbye!
#
```

13.6.2 rmuser

```
rmuser(8) . rmuser(8)
:
crontab(1)
at(1)
가
.
.
.
.
/var/mail
/tmp
/etc/group
```

Note:

```
: adduser(8)가
```

```
rmuser(8)
```

```
가
```

13-2. rmuser

```
# rmuser jru
Matching password entry:
jru:*:1001:1001::0:0:J. Random User:/home/jru:/usr/local/bin/zsh
Is this the entry you wish to remove? y
Remove user's home directory (/home/jru)? y
Updating password file, updating databases, done.
Updating group file: trusted (removing group jru - - personal group is
empty) done.
Removing user's incoming mail file /var/mail/jru: done.
Removing files belonging to jru from /tmp: done.
Removing files belonging to jru from /var/tmp: done.
Removing files belonging to jru from /var/tmp/vi.recover: done.
#
```

13.6.3 chpass

chpass(1)

chpass(1)

chpass(1)

가

Note: FreeBSD 5.X

가

13-4.

chapps

```
#Changing user database information for jru.
Login: jru
Password: *
Uid [#]: 1001
Gid [# or name]: 1001
Change [month day year]:
Expire [month day year]:
Class:
```

```
Home directory: /home/jru
Shell: /usr/local/bin/zsh
Full Name: J. Random User
Office Location:
Office Phone:
Home Phone:
Other information:
```

13-5. `chpass`

```
#Changing user database information for jru.
Shell: /usr/local/bin/zsh
Full Name: J. Random User
Office Location:
Office Phone:
Home Phone:
Other information:
```

Note: `chfn(1)` `chsh(1)` `ypchpass(1)`, `ypchfn(1)` `ypchsh(1)` `chpass(1)`
. NIS yP
NIS 24

13.6.4 `passwd`

`passwd(1)`

Note: 가 가

13-5.

```
% passwd
Changing local password for jru.
Old password:
New password:
Retype new password:
passwd: updating the database...
passwd: done
```

13-6.

```
# passwd jru
Changing local password for jru.
New password:
Retype new password:
passwd: updating the database...
passwd: done
```

Note: chpass(1), yppasswd(1) passwd(1) NIS
가 .

13.6.5 pw

pw(8) , , .
pw(8)
가 .

13.7

가 . FreeBSD 가
가 : .
가 .
16.14 .
CPU 가 .
/etc/login.conf .
login.conf(5) .

name=value , *name* *value*
login.conf(5)

가
()
가
(: 가).
(login.conf(5)
.)

coredumpsize

(:).
:
(: emacs)

cputime

가 CPU

Note: top(1) ps(1)가 CPU 가
CPU 가
: 가 100% CPU

filesize

가
가 가

maxproc

가

kern.maxproc sysctl(8)

:

가

(: make(1) cc(1)).

memorylocked

가

(: mlock(2)). amd(8)

가

가

memoryuse

가

openfiles

가

. FreeBSD

IPC

kern.maxfiles sysctl(8)

sbsize

mbufs 가
DoS

stacksize

가 가

- /etc/rc 가 *daemon*
- /etc/login.conf 가 가
- X (X11)
. X11
- 가
openfiles 50 가 가 50
가 *maxproc*
openfiles

: cap_mkdb(1), getrlimit(2), login.conf(5)

13.8

가 , ,

13.9

GID(Group ID) . FreeBSD
() 가
가 ID 가 ID
가 ID
;
ID /etc/group . 4 (:)
, ID (,)
()
group(5)
/etc/group 가 pw(8)
teamtwo 가 :

13-7. pw(8) 가

```
# pw groupadd teamtwo
# pw groupshow teamtwo
teamtwo:*:1100:
```

1100 teamtwo ID . teamtwo 가
가 . jru teamtwo

13-8. pw(8) 가

```
# pw groupmod teamtwo -M jru
```

```
# pw groupshow teamtwo  
teamtwo:*:1100:jru
```

```
      -M      (,)      .      ( )  
      가 ; pw(8) groupshow  
      가 id(1)      .      pw(8)  
/etc/group ; /etc/passwd 가
```

13-9. id(1)

```
% id jru  
uid=1001(jru) gid=1001(jru) groups=1001(jru), 1100(teamtwo)
```

```
      jru jru teamtwo  
pw(8) /etc/group  
group(5)
```