

- description :
- author : 5
- email : hgkim@repia.com
- firstupdate : 2022-12-12 Mon
- lastupdate : 2022-12-12 Mon

- [] [] [] 가
- (- , - ,) 3가
- (vs)

"-" : short option style
 "--" : long option style

find (find [] [] [])

find . -name "*log*" - log가 가)

```
(Log 2> /dev/null
ex. 가 )\
```

1.

- , 가 . (.)

2.

- name : . (가)

find - name		
[NAME]	find . -name "test"	test가
가.txt	find . -name "*.txt"	.txt
가.txt	find . -name "*.txt" - delete	.txt
[NAME]	find . -name "test*"	test

find - name		
[NAME]	find . -name "*test"	test

- type: (d : , f : , l :)

find - type		
	find . -type d	
[NAME]	find . -name " test*" -type d	test가 가
	find . -type f	

- user :

find - user		
[USERNAME]	find . -user hgkim	hgkim

- empty : 가 0 (b : , c : byte, k : kbyte)

find - empty		
	find . -type d	
[NAME]	find . -name " test*" -type d	test가 가
	find . -type f	

- delete :

find - delete		
[FILENAME] 가 0	find . -name "test*" -empty -delete	test가 가 가 0

- exec :

find - exec		
[FILE] [] 가	find . -name "test*" -exec ls -l {} \;	"test"가 가
[FILE] [] 가	find . -type f -exec grep "test" {} \;	가 "test"가
[]	find . -name ".txt" -exec rm {} \;	".txt"

- size :

find - size		
	find . -size 1024c	1024byte
	find . -size +1024c	1024byte
	find . -size -1024c	1024byte
10kb	find . -size +1k -size -10k	1kb 10kb

(|) find

find		
find	find . -name '*.mp3' xargs rm	가 mp3
find	find . -name "*" -print more	more
find	find . -size +100k xargs ls -l	size가 100k
find	find . -type f -ctime +7 xargs rm -f	ctime +7
가	find /home -name "*.php" xargs egrep -s "ftp"	/home ftp가 가 php

grep ([] [()] [])

- " "

grep		
	grep "STR" [FILE]	[FILE] "STR"
	grep "STR" *	"STR"
가	grep "STR" *.ext	.ext 가 "STR"
(Word)	grep -w "STR" [FILE]	[FILE] "STR" ()
	grep -n "STR" [FILE]	"STR"
0-9	grep "STR[0-9]" [FILE]	FILE STR0~STR9

-r	
-l	
-w	

cat (cat [])

- , 가

cat		
	cat test1.txt	test1.txt (vi)
가	cat *.txt	test1 test2

cat		
	cat -b test1.txt	1 test1 2 test2
	cat -n test1.txt	1 test1 2 test2 3
	cat FILE1 FILE2	

tail (tail [])

- tail -n 10 [FILE] 가

tail		
tail -n 10 [FILE].log	tail [FILE].log	[FILE].log (vi)) 10 ... 1()
tail -f [FILE].log	tail -f [FILE].log	10
tail -n 20 [FILE].log	tail -n 20 [FILE].log 20 1

vi/vim TIP

- vi/vim

vi/vim	
	:set nu
	r
insert	i
	v +
	y
	yy
(yy 가)	p
ctrl+z	u
vim :/{ }	n

alias (alias [] = ' [] ')

- Alias

alias		
	alias	
가	alias rsa='cd /opt/search/RSA/bin'	rsa

alias		
(tar)	alias backup='tar czvf webS_backup.tar.gz /var/www/html'	backup webS_backup.tar.gz
	alias yum='yum -y install'	yum [] 가
alias	unalias [alias]	alias

sed (sed [])

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sed		
	sed 's/ / /g'	
	sed 's/lim/kim/g' text ← kim/g	text lim kim
	sed 's/lim/kim/g' text > new-text	text new-text
d :	sed /man/d	man
s :	sed 's/man/girl/g'	man girl

tar (tar [])

- tar

tar		
tar	tar cvf T.tar *	T.tar
tar	tar cvf T.tar FILE1 FILE2	FILE1,2 T.tar
tar	tar xvf T.tar	T.tar
tar	tar xvf T.tar -C [PATH]	T.tar PATH
tar	tar tvf T.tar	T.tar
gzip tar	tar zxvf T.tar.gz	T.tar.gz
	tar cvfz T.tar.gz -exclude " " " " " "	T.tar.gz

xargs (xargs [])

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xargs		
	find /opt -name search -type d -print xargs rm -rf	search
ls	ls *.txt xargs cat » abc.txt	txt abc.txt
	find ~/ -type f grep -H "*.txt\$" xargs grep -H "abcd"	가 txt abcd
url wget	cat url-list.txt xargs wget -c	url-list.txt url wget
tar.gz	find / -name "*.jpg" -type f -print xargs tar -cvzf images.tar.gz	jpg images.tar.gz
-a		
-O		
-d	(,)	
-n		
-p		
-s		
-x	-s 가	
—show-limits	xargs -s	

crontab (crontab [] +)

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crontab	
crontab	crontab -l
crontab	crontab -r
crontab	crontab -e
test.sh	* * * * * /home/user/test.sh
23 55	\$ 55 23 * * 0 /home/user/test.sh
backup crontab	50 23 * * * crontab -l > /home/bak/crontab_bak.txt
5 17 3 23	23 15 17 5 * source /home/dlit/work/pred_batch.sh

chkconfig (chkconfig --[])

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chkconfig	
	chkconfig -list

chkconfig		
del	sshd	chkconfig sshd -del
add	sshd	chkconfig sshd -add
level		chkconfig -level 3 sshd on

rpm (rpm[])

- - (.rpm)

rpm	
	rpm -qa
RPM	rpm -ivh
	rpm -qa grep
	rpm -ev
	rpm -Uvh
	rpm -qf
	rpm -ql
	rpm -qc
	rpm -qi

-U	
-v	
-e	
-h	'#'
-q	
-a	
-i	

yum (yum [])

- rpm /

yum		
	yum update	yum
	yum list	yum 가
	yum search http	http
	yum list *http*	http 가 가
	yum info httpd	httpd
	yum upgrade httpd	httpd
	yum install httpd php	httpd php
	yum erase httpd php	httpd php

-i	
-U	

-version	-
-h	
-y	
-q	
-skip-broken	
-t	

systemctl (systemctl [])

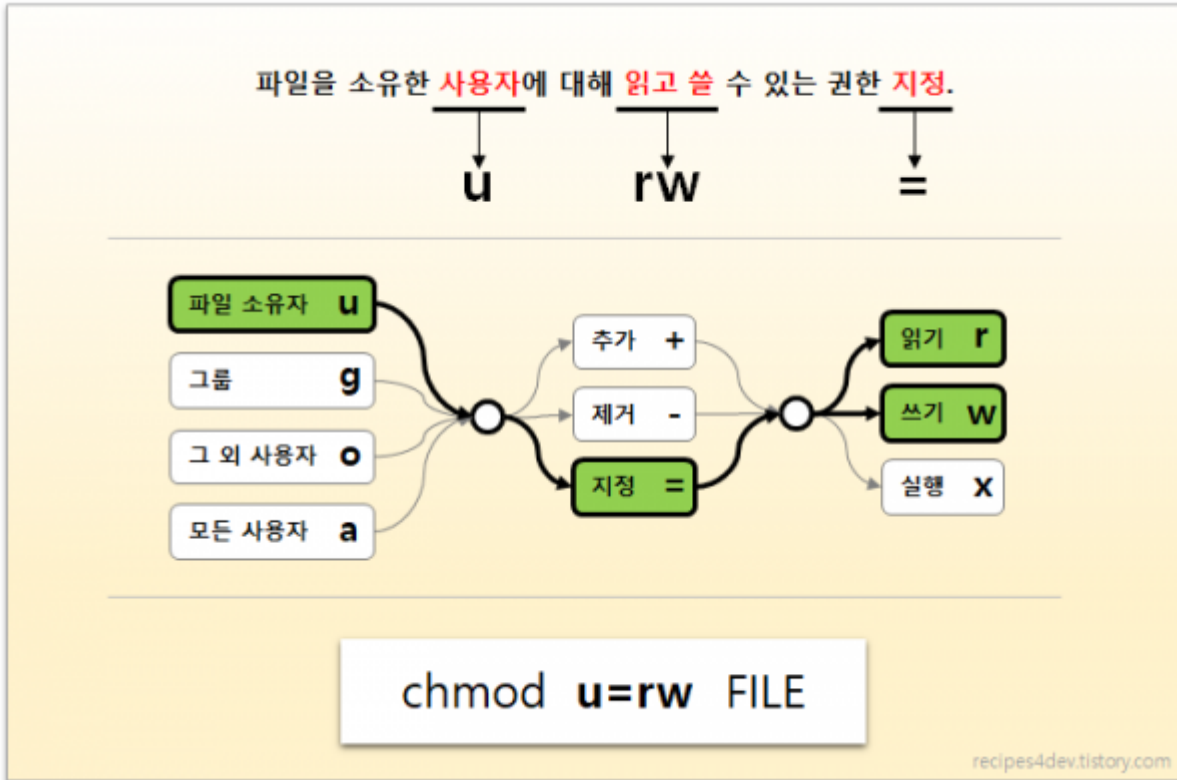
- RHEL 7 systemd - systemctl . service(.service 가)
- CentOS systemctl service
 - CentOS6 service . systemctl
-

service	systemctl	
service name start	systemctl start name.service	
service name stop	systemctl stop name.service	
service name restart	systemctl restart name.service	
service name condrestart	systemctl try-restart name.service	가
service name reload	systemctl reload name.service	
service name status	systemctl status name.service	
service name -status-all	systemctl list-units -type service -all	

chmod (chmod [OPTION] [MODE] [FILE])

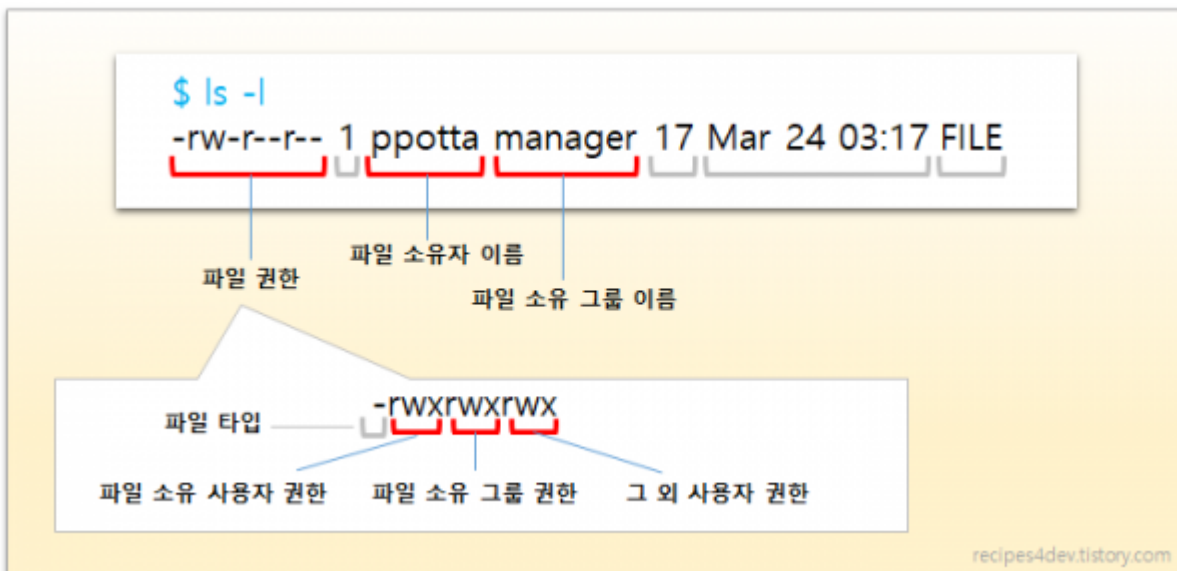
- change mode

-v	가	(diagnostic)	
-f			
-c	가	(diagnostic)	
-R		(recursively)	
u,g,o,a	(u), (g), (o), (a)		
+,-,=	가(+), (-), (=)		
r,w,x	®, (w), (x)		
X	“ ” “ (x) ” (x)		
s	ID (s). “setuid”, “setgid”		



chmod	
chmod g+x FILE	가
chmod a=r FILE	가
chmod go-rwx FILE	
ls -l	가

(ls -l)



chmod		chmod	
chmod u+x FILE	가	chmod ug=rw FILE	가 ,
chmod u+w FILE	가	chmod g=rw,o=r FILE	가 , 가 ,

chmod		chmod	
chmod u=rwx FILE	,	chmod ug=rw,o=r FILE	, 가
chmod u-x FILE		chmod 664 FILE	(+), (+)
chmod g+w FILE	가	chmod 755 FILE	(+ +), (+)
chmod g-x FILE		chmod 777 FILE	가
chmod o=r FILE	가	chmod -R g+x DIR	DIR (x) 가
chmod a-x *		chmod -R o-wx *	,
chmod a-w FILE		chmod -R a-x,a+X *	, 가
chmod u=rwx,g=r FILE	가	chmod -R a-x+X *	(chmod -R a-x,a+X *)

chown (chown [] []-[] [])

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-c	
-t	
-v	
-R	
chown []-[] []	
chown []:[] []	
chown member1 test.cnf	test.cnf member1
chown :member1 test.cnf	test.cnf members1
chown member1: test.cnf	test.cnf members1
chown member1:member2 test.cnf	test.cnf member1, member2

file (file [] [])

- file

-k	
-s, -S	section
man	man .
man1	가
man2	
man3	
man4	(, , Socket, /dev)
man5	(/etc/passwd ..)
man6	Games
man7	Miscellanea (, , ,)
man8	
man9	

top(table of processes)

- 가 (CPU, Memory, Process)
 - interval (3)
- ps top
 - ps ps proc cpu
 - top proc cpu
-

PID	ID (PID)	SHR	,
USER	ID	S	[S(sleeping), R(running), W(swapped out process), Z(zombies)]
PRI	(priority)	%CPU	가 CPU
NI	NICE nice value . 가 nice value 가	%MEM	가
VIRT	가 (SWAP+RES)	TIME+	
RES	가	COMMAND	

* top

shift + t	:	-P	ID
shift + m		-i	(zombie) Idle
shift + p	cpu	space bar	

ssh

- SSH는 Public Network
- SSH는 CLI, 22
- - rsh, rcp, rlogin, rexec, telnet, ftp
 - IP spoofing (IP, /)
 - X11 TCP/IP
 - scp()

ssh [or ip]	ssh
ssh []@[]	
ssh	,
ssh user@192.168.1.10	user 192.168.1.10
ssh -p 180 192.168.1.10	22 180 192.168.1.10

sftp

- FTP 가 SSH sftp

sftp []@[ip] []	가 가
sftp -P [] []@[ip] []	가 가
sftp> get []	
sftp> get [] ex)get /home/pi/picture/a.png	
sftp> put []	
sftp> get -r file_name	

scp

- 가

scp [] [id]:[]_ip]:[] scp	
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scp [] [] [_id]@[]		
_ip]:[]		
r	/	scp -r
p ()		scp -p
P ()		scp -P []
c ()		scp -c
v		scp -v
a		scp -a

telnet - telnet [] [IP] []

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telnet	
close	telnet
logout	
open	
send	
display	
set	
unset	
status	
!	
environ	
quit	

curl(client url) - curl [options...] <url>

- URL 가

short	long	
-k	-insecure	https SSL
-l	-head	HTTP
-L	-location	HTTP 301(URL), 302(-max-redirs)
-d	-data	HTTP POST
-v	-verbose	
-J	-remote-header-name	
-o	-output FILE	curl FILE

short	long	
-v	-verbose	
-C	-continue-at	

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