

# Linux

- description :
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- lastupdate : 2020-04-02

- Centos linux,
- Ubuntu linux,
- Sulinux,
- 
- rocky linux,
- Fedora,
- Slackware,
- 

```
// 1. manual
$ man man // man      ?
// 2. clear
$ man clear // clear   ?
// 3. pwd (print working directory)
$ pwd
// 4. ls (list)
$ ls
// 4.1 ls -l (list long format)
$ ls -l
// 4.2 ls -a (list all)
$ ls -l
// 5. cd (change directory), (.:          , ...          , ~:          , -:          )
$ cd .
$ cd ..
$ cd ~
$ cd -
// 6. find
$ find . -type file -name "*.txt"
$ find . -type file -name "*.json"
$ find . -type directory -name "*2"
// 7. which (          )
$ which javac
```

```
$> which gcc
// 8. touch (
// WAS *.jsp , Makefile *.c
$> man touch
$> touch new_file1.txt
// 9. cat (
$> cat new_file1.txt ... ( 가 )
// 10. echo
$> echo "Hello world" > new_file3.txt (new_file3.txt Hello world
)
$> cat new_file3.txt
$> echo "Hello world" >> new_file3.txt (new_file3.txt Hello world
,
)
// 11. mkdir (make directory)
$> mkdir dir
$> mkdir -p dir4/subdir1/subdir2
// 12. cp (copy)
$> cp file1.txt ... dir1/ (
// 12.1 mv (move)
$> mv source ... source2 (
// 12.2 rm (remove)
$> rm -r dir2 ( 가 )
// 13. grep (Global regular expression print)
$> grep "world" *.txt
$> grep -n "world" *.txt //
$> grep -ni "world" *.txt //
$> grep -nir "world" . //
$> grep -A 100 'error' catalina.out > mk.log // error 100
mk.log
$> grep -B 100 'error' catalina.out > mk.log // error 100
mk.log
$> grep -A 100 -B 100 'error' catalina.out > mk.log // error ,
100 mk.log
// 14. //
$> export MY_DIR="dir"
$> env // 가
$> cd ${MY_DIR}
$> unset MY_DIR
$>
// 15. (root crontab -e crontab -l
)
$> * 0-23 * * * /usr/bin/rdate -s time.bora.net && /sbin/clock -w
// SearchApp tar czvf [ ].tar.gz [
( | )]
$> tar czvf search.tar.gz SearchApp
// search.tar.gz
$> tar zxvf search.tar.gz
//
$>
```

- [sed](#)

## Tools

- [CURL](#)
- [YUM](#)

mysql

```
$> yum install -y mysql
```

ssh

```
$> yum install openssh-server openssh-clients openssh-askpass
```

PATH

```
$> export LD_LIBRARY_PATH= :${LD_LIBRARY_PATH}
```

CentOS7

```
[root@www ~] systemctl list-unit-files --type=service
```

/ ,

```
[root@www ~] systemctl start|stop|status ${ }
```

/

```
[root@www ~] systemctl enable|disable ${ }
```

/

```
[root@www ~] systemctl enable|disable ${ }
```

```
systemctl is-enabled ${ }
```

```
[root@www ~] cat /usr/lib/systemd/system/search_engine.service
[Unit]
Description=search engine
After=network.target syslog.target

[Service]
Type=forking
User=
Group=

ExecStart=/data/SearchApp/RSA/bin/RSS_START.sh start
ExecStop=/data/SearchApp/RSA/bin/RSS_STOP.sh stop

[Install]
WantedBy=multi-user.target
```

CentOS6

```
[root@www ~] chkconfig --add tomcat
```

CentOS7

[How to enable or disable service on boot with chkconfig](#)

## Domain Name Service

\* 가 ?

## Firewall

### CentOS7

1.

```
[root@dns ~] firewall-cmd --permanent --zone=public --add-service=samba
[root@dns ~] firewall-cmd --reload
```

2.

```
[root@dns ~] systemctl stop firewalld
```

3.

```
[root@dns ~] systemctl disable firewalld
```

[CentOS] - iptables

## Logrotate

logrotate

/etc/logrotate.d/snsspider

```
/home/www/Unikorea/*.err
/home/www/Unikorea/*.msg
{
    su www www
    daily
    missingok
    rotate 30
    compress
    delaycompress
    notifempty
    copytruncate
}
```

```
su user group //
daily // rotate
missingok //
rotate 30 // 30
notifempty // rotate
create 0640 root root // 0644 , root , root

dateext // 가
dateyesterday //
dateformat -%Y%m%d // date (YYYYMMDD )
shardscripts // postrotate

postrotate // rotate ( )
    YESTERDAY=$(date -d yesterday '+%Y%m%d')
    LOGFILE="/var/log/nginx/access.log-${YESTERDAY}"
    ##
    echo "${LOGFILE}"
    echo "${YESTERDAY}"
    ##
    if [ -f ${LOGFILE} ]; then
        sudo /usr/bin/aws s3 cp ${LOGFILE} s3:// /${YESTERDAY}/access-
        ${YESTERDAY}.log
        echo "${LOGFILE} s3 ."
    else
```

```

    echo "${LOGFILE}
fi
##
/bin/kill -USR1 `cat /run/nginx.pid 2>/dev/null` 2>/dev/null || true
endscript

```

logrotate

```
[root@dns ~] logrotate -f /etc/logrotate.conf //
```

```

-f
-d      (
-v

```

[\[Linux\] Logrotate](#)

## Sendmail

(.forward)  
 .forward

```

vi ~/.forward
\${User},\${User}@naver.com,\${User}@gmail.com

```

```

\${User}
back slash
가

```

## Terms

- Abrt <https://brunch.co.kr/@alden/10>

## FAQ

- [sudo](#) 가 ?
- 가 ?
- 가 ?
- [df](#) ?
- [bashrc](#)
- 
- 
- SELinux ( 가 ( ) )
- [Centos 5 Yum](#)

- [CentOS 7 / hostname](#)

## Tip

2

1MB

```
[root@dns ~] vi testmkdir.sh
=====

#!/bin/bash

for ((var=0; var < 20000 ; var++));
do
    touch a_${var}.txt
    dd if=/dev/zero of=/test/a_${var}.txt bs=1M count=1
done

=====
```

- [for](#)
- [touch](#)
- [/](#)
- [\[CentOS\] Root Password](#)

## Troubleshooting

- [reboot](#) <https://bangu4.tistory.com/126>

## Ref

, , , [linux](#), , [.forward](#)

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