Bash

- `-h`
- `--help` ( )
- `man` ( )(, /+)
- `Ctrl + c`
- `TAB`
- ``
- `history`
- `Ctrl + r`
- `clear`
- `pwd`
- `firefox&` **&** Firefox PID
- `jobs`
- `ifconfig` IP
- `curl ifconfig.me` IP
- `curl ip.cn` IP
- `locate` / Windows everything
  - `updatedb` locate locate locate
- `date`
  - `date -s20080103`
  - `date -s18:24` `hwclock --systohc`
- `cal`
- `uptime`
- `cat `
- `cat -n `
- `more ` *Ctrl* + *B*space
- `less`
  - **j k**
  - **/ n**
  - **n**
- `shutdown`
  - `shutdown -hnow`
  - `shutdown -h+10` 10
  - `shutdown -h23:30` 23:30
  - `shutdown -rnew`
- `poweroff`
- `reboot`
- `zip mytest.zip /opt/test/` /opt test/ mytest zip
  - `unzip mytest.zip` mytest.zip
  - `unzip mytest.zip -d /opt/setups/` mytest.zip /opt/setups/
- `tar -cvf mytest.tar mytest/` mytest/
- `tar -xvf mytest.tar` mytest.tar
  - `tar -xvf mytest.tar -C /opt/setups/` mytest.tar /opt/setups/
- `last`
- `lastlog`

- `ls` /
  - `ls -a` . /
  - `ls -R` /
  - `ls -a -R` /
  - `ls -al`
  - `ls -ld`
  - `ls -t`
  - `ls -F` / * @
  - `ls -lg`
  - `ls -lh`
  - `ls /opt | head -5` opt 5
  - `ls -l | grep '.jar'` jar
  - `ls -l /opt |grep "^-"|wc -l` opt
  - `ls -lR /opt |grep "^-"|wc -l` opt
  - `ls -l /opt |grep "^d"|wc -l` opt
  - `ls -lR /opt |grep "^d"|wc -l` opt
  - `ls -lR /opt |grep "js"|wc -l` opt js
  - `ls -l`

```
-rwxr-xr-x. 1 root root 4096 3  26 10:57       -
lrwxrwxrwx. 1 root root 4096 3  26 10:57       l             Windows
drwxr-xr-x. 5 root root 4096 3  26 10:57       d
```

- `cd`
  - `cd ..` ( )
  - `cd ~`
  - `cd`
  - `cd -`
  - `cd dir1/` dir1
  - `cd ~user`
  - `cd ../user` user
  - `cd /../..`
- `cp`
  - `cp -r`
  - `cp -r -v` ( )
  - `cp /usr/share/easy-rsa/2.0/keys/{ca.crt,server.{crt,key},dh2048.pem,ta.key} /etc/openvpn/keys/`
- `tar cpf - . | tar xpf - -C /opt` /opt cp
- `mv`
  - `mv`
- `touch` / ( )
- `mkdir`
- `mkdir -p /opt/setups/nginx/conf/` conf nginx
- `rmdir` ( )
- `rm`
  - `rm -r`
  - `rm -r -i` (, yes)
  - `rm -r -f`

    - `rm -r -f 1/ 2/ 3/`
- `find`
    - `find . -name *lin*` . -name / *lin* lin
    - `find . -iname *lin*` . -iname / *lin* lin
    - `find / -name *.conf` / *.conf .conf
    - `find /opt -name .oh-my-zsh` /opt .oh-my-zsh / oh-my-zsh
    - `find /opt -type f -iname .oh-my-zsh` /opt -type f .oh-my-zsh oh-r
    - `find /opt -type d -iname .oh-my-zsh` /opt -type d .oh-my-zsh oh
    - `find . -name "lin*" -exec ls -l {} \;` lin ls -l
    - `find /opt -type f -size +800M -print0 | xargs -0 du -h | sort -nr` /opt 800 M
    - `find / -name "*tower*" -exec rm {} \;`
    - `find / -name "*tower*" -exec mv {} /opt \;` opt
    - `find . -name "*" |xargs grep "youmeek"` youmeek
    - `find . -size 0 | xargs rm -f &` 0
    - `du -hm --max-depth=2 | sort -nr | head -12` 12
- `cat /etc/resolv.conf` DNS
- `netstat -tlunp`
- `env`
- `export`
- `echo`
    - `echo $JAVA_HOME` JAVA_HOME
    - `echo " " " "` "
    - `echo > aa.txt` aa.t`: > aa.txt` : ,
- `unset $JAVA_HOME`
- `ln -s /opt/data /opt/logs/data` /opt/logs data /opt/data
- `grep`
    - `shell grep -H ' ' *.sh ||` sh
    - `grep 'test' java*` java test
    - `grep 'test' spring.ini docker.sh` spring.ini docker.sh test
- `ps`
    - `ps –ef| grep java` java
    - `ps -ef| grep --color java` java
- `kill`
    - `kill 1234` pid 1234
    - `kill -9 1234` pid 1234
    - `killall java` java
    - `ps -ef| grep hadoop| grep -v grep| cut -c 9-15| xargs kill -9` hadoop
- `head`
    - `head -n 10 spring.ini` 10
- `tail`
    - `tail -n 10 spring.ini` 10
    - `tail -200f ` 200

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