

## **network**

- 1.ifconfig -a ifconfig iwconfig iwlist (inter\_name) scan/scanning
- 2.rfkill list rfkill block/unblock *index* ifconfig inter\_name up/down ifup  
inter\_name ifdown inter\_name
- 3.dhclient inter\_name ifconfig inter\_name parameters iwconfig inter\_name  
parameters
- 4./etc/init.d/networking /etc/network/interfaces
- 5.hostname /etc/hosts
- 6./etc/resolv.conf nslookup domain nslookup -qf=ns xx.xx dig domain host  
domain
- 7.route -n arp -n
- 8.ping -c N ip traceroute -n ip

## **disk/partition**

- 1.fdisk -l fdisk disk partprobe mkfs -t ext3
- 2.mount -l df mount umount
- 3.mdadm --create /dev/mdx --auto=yes --level=0/1/5 --raid-devices=m  
--spare-devices=n devices(m+n)  
mdadm --detail /dev/mdx  
mdadm --manage /dev/mdx --add device --remove device  
mdadm --stop /dev/mdx  
mdadm --assemble /dev/mdx  
rm /dev/mdx
- 4.lvm
  - ①partition - pv(physical volume) - vg(volume group)/pe(physical extend) - lv(logic volume)
  - ②pvcreate partition pvremove partition pvscan pvdisplay
  - ③vgcreate -s 16m vg\_name pv\_names vgremove vg\_name vgextend vg\_name  
pv\_name vgreduce vg\_name pv\_name vgscan vgdisplay
  - ④lvcreate -l number\_pe -n lv\_name vg\_name lvremove /dev/vg\_name/lv\_name  
lvresize -l +/-number\_pe /dev/vg\_name/lv\_name

lvextend -l +number\_pe /dev/vg\_name/lv\_name

lvreduce -l -number\_pe /dev/vg\_name/lv\_name

resize2fs /dev/vg\_name/lv\_name

lvscan lvdisplay

### **tarball**

1.tar -zcvf tar -zxvf 2../configure( --help) ---Makefile 3.make clean 4.make  
5.make check 6.make install /usr/local/

### **runlevel&terminal**

1.who who am i tty chvt n = (ctrl-)alt+Fn ctrl+alt+backspace

2.runlevel init x(0 3 5 6) /etc/inittab

3.startx -- :n init 5

4.shutdown -P now reboot halt poweroff sync exit/quit

### **process**

1.ps aux ps -l top pstree -Aup

2.pidof command\_name kill -9 pid killall -9 command\_name

### **service**

1./etc/init.d/script start/restart/stop/status service service\_name

start/restart/stop/status service --status-all systemctl start/restart/stop/status

service\_name systemctl list-units --type=service

2. netstat -tulnp cat /etc/services

local address -- 0.0.0.0/\*:listen all interface | 127.0.0.1/\*:only listen lo interface

3.chkconfig --list chkconfig service\_name on/off update-rc.d service\_name

defaults update-rc.d service\_name remove systemctl enable service\_name

systemctl disable service\_name

### **file&directory**

1.chgrp chown chmod -R 755 umask umask 022 (file:666 dir:777)

2./etc/selinux/config setenforce getenforce

3.service iptables service ufw

4.cd ls -al mkdir rmdir touch ln cp mv rm -r or \rm -r

5.pwd -p basename dirname history

6.cat file vim more less od

7.which command whereis command type command updatedb locate file  
find

8.man info iconv -l iconv -f gbk -t utf8 xx > yy

9.df -h du -sh /\* du -sh ./

### **user**

1.su - sudo sudo passwd root

2.groupadd useradd -G/-g usermod -G/-g passwd id chown chgrp

3./etc/passwd /etc/group /etc/sudoers

### **system**

1.uname -r uname -a hostname uptime free dmesg vmstat lspci lsusb

2./lib/modules/\$(uname -r)/modules.dep /lib/modules/\$(uname -r)/kernel/xx.ko

depmod lsmod modinfo mod\_name modprobe mod\_name modprobe -r  
mod\_name

3.watch ntpq -p

### **vm tools**

linux:lsmod | grep vmhgfs /sbin/mount.vmhgfs

.host:/share-name mount -t vmhgfs .host:/share-name

windows:\\vmware-host\Shared Folders\share-name