REDHAT ENTERPRISE LINUX 7.0

* **Redhat Certified System Administrator**

Steps :

VMManage → yum

↓

start   Networking   selinux

view   setting hostname   ldap

Break Password

Login to Root → startx Command
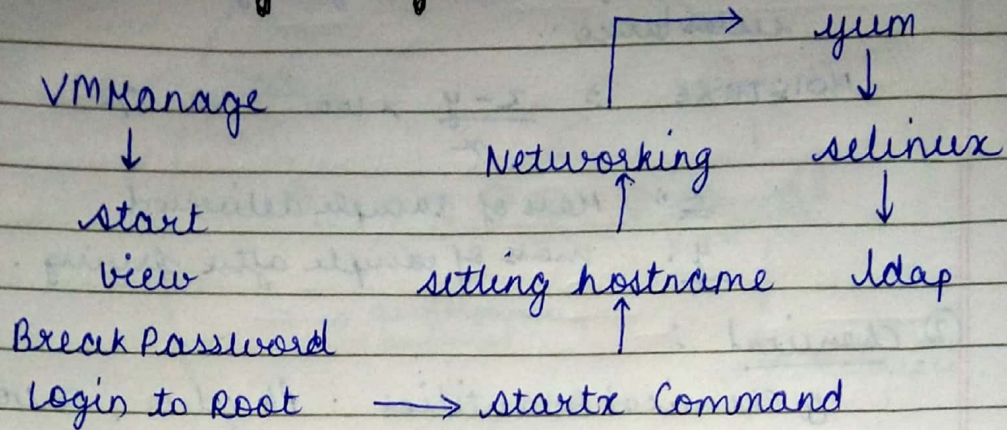
1) SETTING **HOSTNAME** :

\# hostnamectl set-hostname NAME

\# exec bash

II) CONFIGURING **NETWORK** (IP, GATEWAY, NETMASK, DNS)
SETTINGS.

III) **PING** IP, GATEWAY, DNS

IV) CONFIGURING **YUM** :

File : \# /etc/yum.repos.d/FILENAME.repo

↓

[ID]

Name = example

Baseurl = url of the packages

enabled = 1

gpgcheck = 0

\# yum clean all   \# yum repolist all.

v) CONFIGURING **NTP** :

File : /etc/ chrony.conf

↓

server classroom.example.com iburst

systemctl restart chronyd·service
systemctl enable chronyd.service
timedatectl
chronyc sources -v

vi) **LDAP** :

- Installing Packages :

a) authconfig -gtk   c) sssd
b) autofs

yum install authconfig-gtk.x86-64 autofs.
   x86-64 sssd -y

setting server and ldapuser password :
   # authconfig -gtk
   # getent passwd ldapuser1

FILES :

a) /etc/ auto·master·d /FILENAME·autofs
b) /etc/ auto.misc

a) vim /etc/auto·master·d/FILENAME·autofs

↓

/home/guests   /etc/auto·misc

b) vim /etc/auto.misc

↓

ldapuser1   -rw, soft, intr, nfsvers=3
classroom.example.com : /home/guests/ldapuser1

systemctl restart autofs ┐ # su-ldapuser1
systemctl enable autofs   ┘ # pwd

→ after yum always configure **SELINUX**

vim /etc/selinux/config   ┐
    ↓   } Permanent
  set mode to ENFORCING   ┘

setenforce 1   ┐
  getenforce   } temporary
execbash   ┘

→ perform all questions

→ In the last UPDATE **KERNEL** :

download the file via firefox

rpm -ivh   FILENAME.rpm

exec bash

HEXADECIMAL CODES

LVM type   SWAP type

  8e   82

* __TAR :__

  # tar   - cvf - destination / FILENAME source

  # tar   - vf destination / FILENAME source

⇒   FILEEXTENSIONS :

     filename . tar . gz

                   bz   } -z

                                         OPTIONS

     filename . tar . bz2   } -j

* __FIND :__

  # find source -user NAME -exec COMMAND -option
       {} destination \;

* __GREP :__
  # grep _keyword_ sourcefile
          pattern

* __PV :__
  # pvcreate partitionname / path
     ex :   pvcreate   / dev / sdb 5
  # pvdisplay   or   # pvs

* VG :

\# vgcreate -s 8M vg1 /dev/sdb5

size of one   name of   disk partition
extend   vg

\# vgdisplay or vgs

* LV :

\# lvcreate -L 300M -n lv1 vg1

size of   name of   name of
LV   LV   vg

\# lvdisplay or lvs

- lvextend
- \# lsblk
- partprobe
- mkswap
- swapon
- groupadd
- usradd
- chgrp
- chmod
- chown
- mkfs { ext4, xfs
- fdisk
- df -h
- ls -l
- pwd
- usrmod
- grep
- find
- touch

resize2fs
tar
cat
mkdir
passwd
ls
cp
rm
mv
redirection
cd
echo
cal
date
top
man
vim
history
clear

xfs growfs
grep
whoami
lscpu
uname -x
chfn
chsh
crontab
{ >, >>, <
systemctl
setfacl
getfacl
suid
sgid
stickybit
mount
umount