



Red-Hat

Exam Questions EX200

EX200 Red Hat Certified System Administrator (RHCSA) Exam

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NEW QUESTION 1

CORRECT TEXT

Search a String

Find out all the columns that contains the string seismic within /usr/share/dict/words, then copy all these columns to /root/lines.tx in original order, there is no blank line, all columns must be the accurate copy of the original columns.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
grep seismic /usr/share/dict/words > /root/lines.txt
```

NEW QUESTION 2

CORRECT TEXT

There are two different networks 192.168.0.0/24 and 192.168.1.0/24. Where 192.168.0.254 and 192.168.1.254 IP Address are assigned on Server. Verify your network settings by pinging 192.168.1.0/24 Network's Host.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? vi /etc/sysconfig/network NETWORKING=yes HOSTNAME=station?.example.com GATEWAY=192.168.0.254
service network restart
* 2.vi /etc/sysconfig/network-scripts/ifcfg-eth0
DEVICE=eth0 ONBOOT=yes
BOOTPROTO=static
IPADDR=X.X.X.X
NETMASK=X.X.X.X
GATEWAY=192.168.0.254
ifdown eth0
ifup eth0
```

NEW QUESTION 3

CORRECT TEXT

Create a logical volume

Create a new logical volume as required:

Name the logical volume as database, belongs to datastore of the volume group, size is 50 PE.

Expansion size of each volume in volume group datastore is 16MB.

Use ext3 to format this new logical volume, this logical volume should automatically mount to /mnt/database

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
fdisk -cu /dev/vda // Create a 1G partition, modified when needed
partx -a /dev/vda
pvcreate /dev/vdax
vgcreate datastore /dev/vdax -s 16M
lvcreate -l 50 -n database datastore
mkfs.ext3 /dev/datastore/database
mkdir /mnt/database
mount /dev/datastore/database /mnt/database/ df -Th
vi /etc/fstab
/dev/datastore /database /mnt/database/ ext3 defaults 0 0 mount -a
Restart and check all the questions requirements.
```

NEW QUESTION 4

CORRECT TEXT

Create a swap space, set the size is 600 MB, and make it be mounted automatically after rebooting the system (permanent mount).

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? if=/dev/zero of=/swapfile bs=1M count=600 mkswap /swapfile
/etc/fstab:
/swapfile swap swap defaults 0 0 mount -a
```

NEW QUESTION 5

CORRECT TEXT

Install the Kernel Upgrade.

Install suitable kernel update from: <http://server.domain11.example.com/pub/updates>. Following requirements must be met:

Updated kernel used as the default kernel of system start-up.

The original kernel is still valid and can be guided when system starts up.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Using the browser open the URL in the question, download kernel file to root or home directory.

`uname -r` // check the current kernel version

`rpm -ivh kernel-*.rpm`

`vi /boot/grub.conf` // check

Some questions are: Install and upgrade the kernel as required. To ensure that grub2 is the default item for startup.

Yum repo : <http://content.example.com/rhel7.0/x86-64/errata>

OR

`uname -r` // check kernel

`Yum-config-manager --add-repo="http://content.example.com/rhel7.0/x86-64/ errata"`

Yum clean all

Yum list kernel // install directly

Yum -y install kernel // stuck with it, do not pipe! Please do not pipe!

Default enable new kernel `grub2-editenv list` // check

Modify `grub2-set-default` "kernel full name"

`Grub2-mkconfig -o/boot/grub2/grub.cfg` // Refresh

NEW QUESTION 6

CORRECT TEXT

Install the appropriate kernel update from <http://server.domain11.example.com/pub/updates>.

The following criteria must also be met:

The updated kernel is the default kernel when the system is rebooted The original kernel remains available and bootable on the system

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? ftp server.domain11.example.com Anonymous login

ftp> cd /pub/updates ftp> ls ftp> mget kernel* ftp> bye

? rpm -ivh kernel*

? vim /etc/grub.conf

Check the updated kernel is the first kernel and the original kernel remains available. set default=0

wq!

NEW QUESTION 7

CORRECT TEXT

Part 1 (on Node1 Server)

Task 4 [Controlling Access to Files]

Create collaborative directory /mnt/shares with the following characteristics: Group ownership of /mnt/shares should be sharegrp.

The directory should be readable, writable and accessible to member of sharegrp but not to any other user. (It is understood that root has access to all files and directories on the system)

Files created in /mnt/shares automatically have group ownership set to the sharegrp group.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

[root@node1 ~]# mkdir -p /mnt/shares

[root@node1 ~]# ls -l /mnt/

[root@node1 ~]# chgrp sharegrp /mnt/shares/

[root@node1 ~]# chmod 2770 /mnt/shares/

[root@node1 ~]# ls -l /mnt/

For Checking

[root@node1 ~]# su - harry

[harry@node1 ~]\$ cd /mnt/shares/

[harry@node1 shares]\$ touch harry

[harry@node1 shares]\$ logout

[root@node1 ~]# su - natasha

[natasha@node1 ~]\$ cd /mnt/shares/

[natasha@node1 shares]\$ touch natasha

[natasha@node1 shares]\$ ls -l

-rw-rw-r--. 1 harry sharegrp 0 Mar 21 06:03 harry

-rw-rw-r--. 1 natasha sharegrp 0 Mar 21 06:03 natasha

NEW QUESTION 8

CORRECT TEXT

Configure the permissions of /var/tmp/fstab

Copy the file /etc/fstab to /var/tmp/fstab. Configure the permissions of /var/tmp/fstab so that:

the file /var/tmp/fstab is owned by the root user.

the file /var/tmp/fstab belongs to the group root.

the file /var/tmp/fstab should not be executable by anyone.

the user natasha is able to read and write /var/tmp/fstab.

the user harry can neither write nor read /var/tmp/fstab.

all other users (current or future) have the ability to read /var/tmp/fstab.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? cp -a /etc/fstab /var/tmp
```

```
? cd /var/tmp
```

```
? ls -l
```

```
? getfacl /var/tmp/fstab
```

```
? chmod ugo-x /var/tmp/fstab
```

[No need to do this, there won't be execute permission for the file by default]

```
# setfacl -m u:natasha:rw /var/tmp/fstab # setfacl -m u:harry:0 /var/tmp/fstab(zero) [Read permission will be there for all the users, by default. Check it using ls -l /var/tmp/fstab] Verify by [ ls -la /var/tmp/fstab]
```

NEW QUESTION 9

CORRECT TEXT

Create the following users, groups, and group memberships: A group named adminuser.

A user natasha who belongs to adminuser as a secondary group A user harry who also belongs to adminuser as a secondary group.

A user sarah who does not have access to an interactive shell on the system, and who is not a member of adminuser, natasha, harry, and sarah should all have the password of redhat.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? groupadd sysmgrs
```

```
? useradd -G sysmgrs Natasha
```

```
? We can verify the newly created user by cat /etc/passwd)
```

```
# useradd -G sysmgrs harry
```

```
# useradd -s /sbin/nologin sarrah
```

```
# passwd Natasha
```

```
# passwd harry
```

```
# passwd sarrah
```

NEW QUESTION 10

CORRECT TEXT

Binding to an external validation server.

System server.domain11.example.com provides a LDAP validation service, your system should bind to this service as required:

Base DN of validation service is dc=example,dc=com

LDAP is used for providing account information and validation information Connecting and using the certification of

<http://server.domain11.example.com/pub/EXAMPLE-CA-CERT> to encrypt

After the correct configuration, ldapuser1 can log into your system, it does not have HOME directory until you finish autofs questions, ldapuser1 password is password.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
yum -y install sssd authconfig-gtk krb5-workstation authconfig-gtk // open the graphical interface
```

Modify user account database to ldap, fill up DN and LDAP SERVER as questions required, use TLS to encrypt connections making tick, write

```
http://server.domain11.example.com/pub/EXAMPLE-CA-CERT to download ca, authentication method choose ldap password.
```

You can test if the ldapuser is added by the following command:

```
Id ldapuser1
```

Note: user password doesn't need to set

NEW QUESTION 10

CORRECT TEXT

Make on /archive directory that only the user owner and group owner member can fully access.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? chmod 770 /archive

? Verify using : ls -ld /archive Preview should be like:

```
drwxrwx--- 2 root sysuser 4096 Mar 16 18:08 /archive
```

To change the permission on directory we use the chmod command. According to the question that only the owner user (root) and group member (sysuser) can fully access the directory so: chmod 770 /archive

NEW QUESTION 15

CORRECT TEXT

Successfully resolve to server1.example.com where your DNS server is 172.24.254.254.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? vi /etc/resolv.conf

```
nameserver 172.24.254.254
```

? host server1.example.com

On every clients, DNS server is specified in /etc/resolv.conf. When you request by name it tries to resolv from DNS server.

NEW QUESTION 17

CORRECT TEXT

Create the user named eric and deny to interactive login.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? useradd eric

? passwd eric

? vi /etc/passwd

```
? eric:x:505:505::/home/eric:/sbin/nologin
```

Which shell or program should start at login time is specified in /etc/passwd file? By default, Redhat Enterprise Linux assigns the /bin/bash shell to the users. To deny the interactive login, you should write /sbin/nologin or /bin/ false instead of login shell.

NEW QUESTION 19

CORRECT TEXT

Create a volume group, and set 16M as a extends. And divided a volume group containing 50 extends on volume group lv, make it as ext4 file system, and mounted automatically under /mnt/data.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# pvcreate /dev/sda7 /dev/sda8
```

```
# vgcreate -s 16M vg1 /dev/sda7 /dev/sda8
```

```
# lvcreate -l 50 -n lvm02
```

```
# mkfs.ext4 /dev/vg1/lvm02
```

```
# blkid /dev/vg1/lv1
```

```
# vim /etc/fstab
```

```
# mkdir -p /mnt/data
```

```
UUID=xxxxxxx /mnt/data ext4 defaults 0 0
```

```
# vim /etc/fstab
```

```
# mount -a
```

```
# mount (Verify)
```

NEW QUESTION 23

CORRECT TEXT

Upgrading the kernel as 2.6.36.7.1, and configure the system to Start the default kernel, keep the old kernel available.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cat /etc/grub.conf
```

```
# cd /boot
```

```
# lftp it
```

```
# get dr/dom/kernel-xxxx.rpm
```

```
# rpm -ivh kernel-xxxx.rpm
```

```
# vim /etc/grub.conf default=0
```

NEW QUESTION 24

CORRECT TEXT

Create a 2G swap partition which take effect automatically at boot-start, and it should not affect the original swap partition.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# fdisk /dev/sda
p
(check Partition table)
n
(create new partition: press e to create extended partition, press p to create the main partition, and the extended partition is further divided into logical partitions)
Enter
+2G
t l
W
partx -a /dev/sda
partprobe
mkswap /dev/sda8
Copy UUID
swapon -a
vim /etc/fstab
UUID=XXXXX swap swap defaults 0 0 (swapon -s)
```

NEW QUESTION 29

CORRECT TEXT

Some users home directory is shared from your system. Using showmount -e localhost command, the shared directory is not shown. Make access the shared users home directory.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? Verify the File whether Shared or not ? : cat /etc/exports
? Start the nfs service: service nfs start
? Start the portmap service: service portmap start
? Make automatically start the nfs service on next reboot: chkconfig nfs on
? Make automatically start the portmap service on next reboot: chkconfig portmap on
? Verify either sharing or not: showmount -e localhost
? Check that default firewall is running on system?
If running flush the iptables using iptables -F and stop the iptables service.
```

NEW QUESTION 32

CORRECT TEXT

Install a FTP server, and request to anonymous download from /var/ftp/pub catalog. (it needs you to configure yum direct to the already existing file server.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cd /etc/yum.repos.d
# vim local.repo
[local] name=local.repo
baseurl=file:///mnt
enabled=1
gpgcheck=0
# yum makecache
# yum install -y vsftpd
# service vsftpd restart
# chkconfig vsftpd on
# chkconfig --list vsftpd
# vim /etc/vsftpd/vsftpd.conf
anonymous_enable=YES
```

NEW QUESTION 34

CORRECT TEXT

Create a collaborative directory/home/admins with the following characteristics: Group ownership of /home/admins is adminuser
The directory should be readable, writable, and accessible to members of adminuser, but not to any other user. (It is understood that root has access to all files and directories on the system.)
Files created in /home/admins automatically have group ownership set to the adminuser group

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
mkdir /home/admins
chgrp -R adminuser /home/admins
chmodg+w /home/admins
chmodg+s /home/admins
```

NEW QUESTION 37

CORRECT TEXT

Who ever creates the files/directories on archive group owner should be automatically should be the same group owner of archive.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? chmod g+s /archive
? Verify using: ls -ld /archive Permission should be like:
drwxrws--- 2 root sysuser 4096 Mar 16 18:08 /archive
If SGID bit is set on directory then who every users creates the files on directory group owner automatically the owner of parent directory.
To set the SGID bit: chmod g+s directory
To Remove the SGID bit: chmod g-s directory
```

NEW QUESTION 39

CORRECT TEXT

Download the document from <ftp://instructor.example.com/pub/testfile>, find all lines containing [abcde] and redirect to /MNT/answer document, then rearrange the order according the original content.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
Download the file to /tmp first
grep [abcde] /tmp/testfile > /mnt/answer
```

NEW QUESTION 42

CORRECT TEXT

Change the logical volume capacity named vo from 190M to 300M. and the size of the floating range should set between 280 and 320. (This logical volume has been mounted in advance.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# vgdisplay
(Check the capacity of vg, if the capacity is not enough, need to create pv , vgextend , lvextend)
# lvdisplay (Check lv)
# lvextend -L +110M /dev/vg2/lv2
# resize2fs /dev/vg2/lv2
mount -a
(Verify)
```

```
-----
(Decrease lvm)
# umount /media
# fsck -f /dev/vg2/lv2
# resize2fs -f /dev/vg2/lv2 100M
# lvreduce -L 100M /dev/vg2/lv2
# mount -a
# lvdisplay (Verify) OR
# e2fsck -f /dev/vg1/lvm02
# resize2fs -f /dev/vg1/lvm02
# mount /dev/vg1/lvm01 /mnt
# lvreduce -L 1G -n /dev/vg1/lvm02
# lvdisplay (Verify)
```

NEW QUESTION 44

CORRECT TEXT

Part 2 (on Node2 Server)

Task 5 [Managing Logical Volumes]

Add an additional swap partition of 656 MiB to your system. The swap partition should automatically mount when your system boots
Do not remove or otherwise alter any existing swap partition on your system

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
*
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vdc 252:32 0 5G 0 disk
vdc1 252:33 0 4.1G 0 part
datavg-dataLV 253:3 0 3.9G 0 lvm /data
vdd 252:48 0 5G 0 disk
vde 252:64 0 10G 0 disk
[root@node2 ~]# swapon -s
Filename Type Size Used Priority
/dev/dm-1 partition 2097148 1548 -2
[root@node2 ~]# free -m
total used free shared buff/cache available
Mem: 1816 1078 104 13 633 573
Swap: 2047 1 2046
[root@node2 ~]# parted /dev/vdc print
Number Start End Size Type File system Flags
1 1049kB 4404MB 4403MB primary lvm
*
[root@node2 ~]# parted /dev/vdc mkpart primary linux-swap 4404MiB 5060MiB
[root@node2 ~]# mkswap /dev/vdc2
Setting up swap space version 1, size = 656 MiB (687861760 bytes)
no label, UUID=9faf818f-f070-4416-82b2-21a41988a9a7
[root@node2 ~]# swapon -s
Filename Type Size Used Priority
/dev/dm-1 partition 2097148 1804 -2
[root@node2 ~]# swapon /dev/vdc2
*
[root@node2 ~]# swapon -s
Filename Type Size Used Priority
/dev/dm-1 partition 2097148 1804 -2
/dev/vdc2 partition 671740 0 -3
[root@node2 ~]# blkid
/dev/vdc2: UUID="9faf818f-f070-4416-82b2-21a41988a9a7" TYPE="swap"
PARTUUID="0f22a35f-02"
[root@node2 ~]# vim /etc/fstab
UUID=9faf818f-f070-4416-82b2-21a41988a9a7 swap swap defaults 0 0
[root@node2 ~]# reboot
[root@node2 ~]# swapon -s
Filename Type Size Used Priority
/dev/dm-1 partition 2097148 1804 -2
/dev/vdc2 partition 671740 0 -3
```

NEW QUESTION 48

CORRECT TEXT

Create a catalog under /home named admins. Its respective group is requested to be the admin group. The group users could read and write, while other users are not allowed to access it. The files created by users from the same group should also be the admin group.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cd /home/
# mkdir admins /
# chown .admin admins/
# chmod 770 admins/
# chmod g+s admins/
```

NEW QUESTION 51

CORRECT TEXT

Create a user alex with a userid of 3400. The password for this user should be redhat.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? useradd -u 3400 alex
? passwd alex
? su -alex
```

NEW QUESTION 55

CORRECT TEXT

Configure autofs.

Configure the autofs automatically mount to the home directory of LDAP, as required: server.domain11.example.com use NFS to share the home to your system.

This file system

contains a pre

configured home directory of user ldapuserX. Home directory of ldapuserX is:

server.domain11.example.com /home/guests/ldapuser

Home directory of ldapuserX should automatically mount to the ldapuserX of the local

/home/guests Home directory's write permissions must be available for users ldapuser1's password is password

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
yum install -y autofs
```

```
mkdir /home/rehome
```

```
? /etc/auto.master
```

```
/home/rehome/etc/auto.ldap
```

```
Keep then exit
```

```
cp /etc/auto.misc /etc/auto.ldap
```

```
? /etc/auto.ldap
```

```
ldapuserX -fstype=nfs,rw server.domain11.example.com:/home/guests/
```

```
Keep then exit
```

```
systemctl start autofs
```

```
systemctl enable autofs
```

```
su - ldapuserX// test
```

If the above solutions cannot create files or the command prompt is -bash-4.2\$, it maybe exist multi-level directory, this needs to change the server.domain11.example.com:/home/guests/ to server.domain11.example.com:/home/guests/ldapuserX. What is multi-level directory? It means there is a directory of ldapuserX under the /home/guests/ldapuserX in the questions. This directory is the real directory.

NEW QUESTION 60

CORRECT TEXT

Configure a cron Task.

User natasha must configure a cron job, local time 14:23 runs and executes: */bin/echo hiya every day.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
crontab -e -u natasha
```

```
23 14/bin/echo hiya
```

```
crontab -l -u natasha // view
```

```
systemctlenable crond
```

```
systemctlrestart crond
```

NEW QUESTION 63

CORRECT TEXT

/data Directory is shared from the server1.example.com server. Mount the shared directory that:

* a. when user try to access, automatically should mount

* b. when user doesn't use mounted directory should unmount automatically after 50 seconds.

* c. shared directory should mount on /mnt/data on your machine.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
* 1. vi /etc/auto.master
```

```
/mnt /etc /auto.misc --timeout=50
```

```
? vi /etc/auto.misc
```

```
? data -rw,soft,intr server1.example.com:/data
```

```
? service autofs restart
```

```
? chkconfig autofs on
```

When you mount the other filesystem, you should unmount the mounted filesystem, Automount feature of linux helps to mount at access time and after certain seconds, when user unaccess the mounted directory, automatically unmount the filesystem.

/etc/auto.master is the master configuration file for autofs service. When you start the service, it reads the mount point as defined in /etc/auto.master.

NEW QUESTION 66

CORRECT TEXT

Configure the verification mode of your host account and the password as LDAP. And it can login successfully through ldapuser40. The password is set as "password". And the certificate can be downloaded from http://ip/dir/ldap.crt. After the user logs on the user has no host directory unless you configure the autofs in the following questions.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
system-config-authentication
LDAP Server: ldap://instructor.example.com (In domain form, not write IP) OR
# yum groupinstall directory-client (1.krb5-workstation 2.pam-krb5 3.sssd)
# system-config-authentication
* 1. User Account Database: LDAP
* 2. LDAP Search Base DN: dc=example,dc=com
* 3. LDAP Server: ldap://instructor.example.com (In domain form, not write IP)
* 4. Download CA Certificate
* 5. Authentication Method: LDAP password
* 6. Apply
getent passwd ldapuser40
```

NEW QUESTION 71

CORRECT TEXT

One Package named zsh is dump on ftp://server1.example.com under /pub/updates directory and your FTP server is 192.168.0.254. Install the package zsh.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? rpm -ivh ftp://server1/example.com/pub/updates/zsh-* or
? Login to ftp server : ftp ftp://server1.example.com using anonymous user.
? Change the directory: cd pub and cd updates
? Download the package: mget zsh-*
? Quit from the ftp prompt : bye
? Install the package
? rpm -ivh zsh-*
? Verify either package is installed or not : rpm -q zsh
```

NEW QUESTION 72

CORRECT TEXT

A YUM source has been provided in the http://instructor.example.com/pub/rhel6/dvd Configure your system and can be used normally.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? /etc/yum.repos.d/base.repo
[base] name=base
baseurl=http://instructor.example.com/pub/rhel6/dvd
gpgcheck=0
yum list
```

NEW QUESTION 74

CORRECT TEXT

Configure the FTP service in your system, allow remote access to anonymous login and download the program by this service. Service is still running after system rebooting.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
yum install vsftpd
/etc/init.d/vsftpd start
chkconfig vsftpd on
```

NEW QUESTION 76

CORRECT TEXT

Configure a task: plan to run echo "file" command at 14:23 every day.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
(a) Created as administrator
# crontab -u natasha -e
23 14 * * * /bin/echo "file"
```

```
(b)Created as natasha
# su - natasha
$ crontab -e
23 14 * * * /bin/echo "file"
```

NEW QUESTION 78

CORRECT TEXT

Find the rows that contain abcde from file /etc/testfile, and write it to the file/tmp/testfile, and the sequence is requested as the same as /etc/testfile.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cat /etc/testfile | while read line;
do
echo $line | grep abcde | tee -a /tmp/testfile
done
OR
grep `abcde` /etc/testfile > /tmp/testfile
```

NEW QUESTION 81

CORRECT TEXT

Configure a task: plan to run echo hello command at 14:23 every day.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# which echo
# crontab -e
23 14 * * * /bin/echo hello
# crontab -l (Verify)
```

NEW QUESTION 83

CORRECT TEXT

Create User Account.

Create the following user, group and group membership:

Adminuser group

User natasha, using adminuser as a sub group

User Harry, also using adminuser as a sub group

User sarah, can not access the SHELL which is interactive in the system, and is not a member of adminuser, natashaharrysarah password is redhat.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
groupadd adminuser
useradd natasha -G adminuser
useradd haryy -G adminuser
useradd sarah -s /sbin/nologin
Passwd user name // to modify password or echo redhat | passwd --stdin user name id natasha // to view user group.
```

NEW QUESTION 84

CORRECT TEXT

Add 3 users: haryy, natasha, tom.

The requirements: The Additional group of the two users: haryy, Natasha is the admin group. The user: tom's login shell should be non-interactive.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# useradd -G admin haryy
# useradd -G admin natasha
# useradd -s /sbin/nologin tom
# id haryy;id Natasha (Show additional group)
# cat /etc/passwd (Show the login shell)
OR
# system-config-users
```

NEW QUESTION 86

CORRECT TEXT

We are working on /data initially the size is 2GB. The /dev/test0/lvtestvolume is mount on /data. Now you required more space on /data but you already added all disks belong to physical volume. You saw that you have unallocated space around 5 GB on your harddisk. Increase the size of lvtestvolume by 5GB.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? Create a partition having size 5 GB and change the syste id '8e'.
? use partprobe command
? pvcreate /dev/hda9 Suppose your partition number is hda9.
? vgextend test0 /dev/hda9 vgextend command add the physical disk on volume group.
? lvextend -L+5120M /dev/test0/lvtestvolume
? verify using lvdisplay /dev/test0/lvtestvolume.

NEW QUESTION 88

CORRECT TEXT

SIMULATION

Add an additional swap partition of 754 MB to your system.
The swap partition should automatically mount when your system boots.
Do not remove or otherwise alter any existing swap partitions on your system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? fdisk -l
? fdisk -cu /dev/vda
p n
e or p select e
default (first): enter
default (last): enter n
default(first): enter
default(first): +754M t (1-5)
l: 82 p
w #reboot
#mkswap /dev/vda5
? vim /etc/fstab
/dev/vda5 swap swap defaults 0 0
wq
? mount -a
? swapon -a
? swapon -s

NEW QUESTION 89

CORRECT TEXT

There are two different networks, 192.168.0.0/24 and 192.168.1.0/24. Your System is in 192.168.0.0/24 Network. One RHEL6 Installed System is going to use as a Router. All required configuration is already done on Linux Server. Where 192.168.0.254 and 192.168.1.254 IP Address are assigned on that Server. How will make successfully ping to 192.168.1.0/24 Network's Host?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? vi /etc/sysconfig/network GATEWAY=192.168.0.254
OR
vi /etc/sysconf/network-scripts/ifcfg-eth0 DEVICE=eth0
BOOTPROTO=static
ONBOOT=yes
IPADDR=192.168.0.?
NETMASK=255.255.255.0
GATEWAY=192.168.0.254
? service network restart
Gateway defines the way to exit the packets. According to question System working as a router for two networks have IP Address 192.168.0.254 and 192.168.1.254.

NEW QUESTION 90

CORRECT TEXT

One Domain RHCE is configured in your lab, your domain server is server1.example.com. nisuser2001, nisuser2002, nisuser2003 user are created on your server 192.168.0.254:/rhome/stationx/nisuser2001. Make sure that when NIS user login in your system automatically mount the home directory. Home directory is separately shared on server /rhome/stationx/ where x is your Station number.

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

? use the `authconfig --nisserver=<NIS SERVER> --nisdomain=<NIS DOMAIN> -- update`

Example: `authconfig --nisserver=192.168.0.254 --nisdomain=RHCE --update` or `system-config-authentication`

? Click on Enable NIS

? Type the NIS Domain: RHCE

? Type Server 192.168.0.254 then click on next and ok

? You will get a ok message.

? Create a Directory `/rhome/stationx` where x is your station number.

? vi `/etc/auto.master` and write at the end of file `/rhome/stationx/etc/auto.home -- timeout=60`

? vi `/etc/auto.home` and write

* `-rw,soft,intr 192.168.0.254:/rhome/stationx/&`

Note: please specify your station number in the place of x.

? Service autofs restart

? Login as the `nisuser2001` or `nisuser2002` on another terminal will be Success.

According to question, RHCE domain is already configured. We have to make a client of RHCE domain and automatically mount the home directory on your system. To make a member of domain, we use the `authconfig` with option `or system-config authentication` command. There are lots of authentication servers i.e NIS, LDAP, SMB etc. NIS is a RPC related service, no need to configure the DNS, we should specify the NIS server address.

Here Automount feature is available. When user tried to login, home directory will automatically mount. The automount service uses the `/etc/auto.master` file. On `/etc/auto.master` file we specified the mount point the configuration file for mount point.

NEW QUESTION 93

CORRECT TEXT

Configure `/var/tmp/fstab` Permission.

Copy the file `/etc/fstab` to `/var/tmp/fstab`. Configure `var/tmp/fstab` permissions as the following:

Owner of the file `/var/tmp/fstab` is Root, belongs to group root

File `/var/tmp/fstab` cannot be executed by any user

User `natasha` can read and write `/var/tmp/fstab`

User `harry` cannot read and write `/var/tmp/fstab`

All other users (present and future) can read `var/tmp/fstab`.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

`cp /etc/fstab /var/tmp/`

? `/var/tmp/fstab` view the owner `setfacl -m u:natasha:rw- /var/tmp/fstab setfacl -m u:harry:--- /var/tmp/fstab`

Use `getfacl /var/tmp/fstab` to view permissions

NEW QUESTION 94

CORRECT TEXT

Make a swap partition having 100MB. Make Automatically Usable at System Boot Time.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

? Use `fdisk /dev/hda ->` To create new partition.

? Type `n->` For New partition

? It will ask for Logical or Primary Partitions. Press `l` for logical.

? It will ask for the Starting Cylinder: Use the Default by pressing Enter Key.

? Type the Size: `+100M ->` You can Specify either Last cylinder or Size here.

? Press `P` to verify the partitions lists and remember the partitions name. Default System ID is 83 that means Linux Native.

? Type `t` to change the System ID of partition.

? Type Partition Number

? Type 82 that means Linux Swap.

? Press `w` to write on partitions table.

? Either Reboot or use `partprobe` command.

? `mkswap /dev/hda? ->` To create Swap File system on partition.

? `swapon /dev/hda? ->` To enable the Swap space from partition.

? `free -m ->` Verify Either Swap is enabled or not.

? vi `/etc/fstab/dev/hda? swap swap defaults 0 0`

? Reboot the System and verify that swap is automatically enabled or not.

NEW QUESTION 98

CORRECT TEXT

Part 1 (on Node1 Server)

Task 11 [Scheduling Future Tasks]

The user `natasha` must configure a cron job that runs daily at 14:23 local time and also the same cron job will run after every 2 minutes and executes:

`/bin/echo hello`

A. Mastered

B. Not Mastered

Answer: A

Explanation:

*

```
[root@node1 ~]# crontab -l -u natasha
no crontab for natasha
[root@node1 ~]# crontab -e -u natasha
23 14 * * * /bin/echo hello
*/2 * * * * /bin/echo 2min
crontab: installing new crontab
[root@node1 ~]# crontab -l -u natasha
23 14 * * * /bin/echo hello
*/2 * * * * /bin/echo 2min
[root@node1 ~]# systemctl status crond.service
```

For Checking

```
[root@node1 ~]# tail -f /var/log/cron
Mar 23 13:23:48 node1 crontab[10636]: (root) REPLACE (natasha)
Mar 23 13:23:48 node1 crontab[10636]: (root) END EDIT (natasha)
Mar 23 13:23:50 node1 crontab[10638]: (root) LIST (natasha)
Mar 23 13:24:01 node1 crond[1349]: (root) FAILED (loading cron table)
Mar 23 13:24:02 node1 CROND[10673]: (natasha) CMD (/bin/echo 2min)
```

NEW QUESTION 101

CORRECT TEXT

Part 2 (on Node2 Server)

Task 4 [Managing Logical Volumes]

Resize the logical volume, lvrz and reduce filesystem to 4600 MiB. Make sure the the filesystem contents remain intact with mount point /datarz
(Note: partitions are seldom exactly the size requested, so anything within the range of 4200MiB to 4900MiB is acceptable)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

```
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vdb 252:16 0 5G 0 disk
vdb1 252:17 0 4.2G 0 part
vgrz-lvrz 253:2 0 4.1G 0 lvm /datarz
vdc 252:32 0 5G 0 disk
vdc1 252:33 0 4.4G 0 part
datavg-data1v 253:3 0 3.9G 0 lvm /data
vdd 252:48 0 5G 0 disk
vde 252:64 0 10G 0 disk
[root@node2 ~]# lvs
LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
lvrz vgrz -wi-ao---- 4.10g
[root@node2 ~]# vgs
VG #PV #LV #SN Attr VSize VFree
vgrz 1 1 0 wz--n- <4.15g 48.00m
[root@node2 ~]# parted /dev/vdb print
Number Start End Size Type File system Flags
1 1049kB 4456MB 4455MB primary lvm
```

```
[root@node2 ~]# df -hT
Filesystem Type Size Used Avail Use% Mounted on
/dev/mapper/vgrz-lvrz ext4 4.0G 17M 3.8G 1% /datarz
[root@node2 ~]# parted /dev/vdb mkpart primary 4456MiB 5100MiB
[root@node2 ~]# parted /dev/vdb set 2 lvm on
[root@node2 ~]# udevadm settle
[root@node2 ~]# pvcreate /dev/vdb2
Physical volume "/dev/vdb2" successfully created.
```

```
[root@node2 ~]# vgextend vgrz /dev/vdb2
Volume group "vgrz" successfully extended
[root@node2 ~]# lvextend -r -L 4600M /dev/vgrz/lvrz
Size of logical volume vgrz/lvrz changed from 4.10 GiB (1050 extents) to 4.49 GiB (1150 extents).
Logical volume vgrz/lvrz successfully resized.
[root@node2 ~]# resize2fs /dev/vgrz/lvrz
[root@node2 ~]# df -hT
Filesystem Type Size Used Avail Use% Mounted on
/dev/mapper/vgrz-lvrz ext4 4.4G 17M 4.2G 1% /datarz
```

NEW QUESTION 106

CORRECT TEXT

Part 1 (on Node1 Server)

Task 10 [Configuring NTP/Time Synchronization]

Configure your system so that it is an NTP client of utility.domain15.example.com

The system time should be set to your (or nearest to you) timezone and ensure NTP sync is configured

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
*
[root@node1 ~]# yum install chrony
[root@node1 ~]# vim /etc/chrony.conf
pool utility.domain15.example.com iburst
[root@node1 ~]# systemctl enable chronyd
[root@node1 ~]# systemctl restart chronyd
[root@node1 ~]# systemctl status chronyd
[root@node1 ~]# tzselect
Please identify a location so that time zone rules can be set correctly.
Please select a continent, ocean, "coord", or "TZ".
1) Africa
2) Americas
3) Antarctica
4) Asia
11) TZ - I want to specify the time zone using the Posix TZ format.
#? 4
*
Please select a country whose clocks agree with yours.
1) Afghanistan 18) Israel 35) Palestine
2) Armenia 19) Japan 36) Philippines
3) Azerbaijan 20) Jordan 37) Qatar
4) Bahrain 21) Kazakhstan 38) Russia
5) Bangladesh 22) Korea (North) 39) Saudi Arabia
#? 5
The following information has been given: Bangladesh
Therefore TZ='Asia/Dhaka' will be used. Is the above information OK?
1) Yes
2) No
#? 1
Asia/Dhaka
[root@node1 ~]# chronyc sources -v
^? utility.domain15.example> 0 7 0 - +0ns[ +0ns] +/- 0ns
```

NEW QUESTION 111

CORRECT TEXT

Open kmcrl value of 5 , and can verify in /proc/ cmdline

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# vim /boot/grub/grub.conf
kernel/vmlinuz-2.6.32-71.el6.x86_64 ro root=/dev/mapper/GLSvg-
GLSrootrd_LVM_LV=GLSvg/GLSroot
rd_LVM_LV=GLSvg/GLSswaprd_NO_LUKSrd_NO_MDrd_NO_DM
LANG=en_US.UTF-8 SYSFONT=latacyrheb-sun16 KEYBOARDTYPE=pc KEYTABLE=us crashkernel=auto rhgb quiet kmcrl=5
Restart to take effect and verification:
# cat /proc/cmdline
ro root=/dev/mapper/GLSvg-GLSroot rd_LVM_LV=GLSvg/GLSroot
rd_LVM_LV=GLSvg/GLSswap rd_NO_LUKS rd_NO_MD rd_NO_DM
LANG=en_US.UTF-8 SYSFONT=latacyrheb-sun16 KEYBOARDTYPE=pc KEYTABLE=us rhgb quiet kmcrl=5
```

NEW QUESTION 115

CORRECT TEXT

Add a swap partition.

Adding an extra 500M swap partition to your system, this swap partition should mount automatically when the system starts up. Don't remove and modify the existing swap partitions on your system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
fdisk -cu /dev/vda// in the way of expanding the partition, don't make main partition
partx -a /dev/vda
mkswap /dev/vdax
swapon /dev/vdax
swapon -s
vi /etc/fstab
/dev/vdaxswapswapdefaults0 0
```

mount -a

NEW QUESTION 118

CORRECT TEXT

One Logical Volume named lv1 is created under vg0. The Initial Size of that Logical Volume is 100MB. Now you required the size 500MB. Make successfully the size of that Logical Volume 500M without losing any data. As well as size should be increased online.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The LVM system organizes hard disks into Logical Volume (LV) groups. Essentially, physical hard disk partitions (or possibly RAID arrays) are set up in a bunch of equal sized chunks known as Physical Extents (PE). As there are several other concepts associated with the LVM system, let's start with some basic definitions: Physical Volume (PV) is the standard partition that you add to the LVM mix. Normally, a physical volume is a standard primary or logical partition. It can also be a RAID array.

Physical Extent (PE) is a chunk of disk space. Every PV is divided into a number of equal sized PEs. Every PE in a LV group is the same size. Different LV groups can have different sized PEs.

Logical Extent (LE) is also a chunk of disk space. Every LE is mapped to a specific PE. Logical Volume (LV) is composed of a group of LEs. You can mount a file system such as

/home and /var on an LV.

Volume Group (VG) is composed of a group of LVs. It is the organizational group for LVM. Most of the commands that you'll use apply to a specific VG.

? Verify the size of Logical Volume: `lvdisplay /dev/vg0/lv1`

? Verify the Size on mounted directory: `df -h` or `df -h` mounted directory name

? Use: `lvextend -L+400M /dev/vg0/lv1`

? `ext2online -d /dev/vg0/lv1` to bring extended size online.

? Again Verify using `lvdisplay` and `df -h` command.

NEW QUESTION 123

CORRECT TEXT

Upgrade the kernel, start the new kernel by default. kernel download from this address: `ftp://server1.domain10.example.com/pub/update/new.kernel`

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Download the new kernel file and then install it.

```
[root@desktop8 Desktop]# ls
```

```
kernel-2.6.32-71.7.1.el6.x86_64.rpm
```

```
kernel-firmware-2.6.32-71.7.1.el6.noarch.rpm
```

```
[root@desktop8 Desktop]# rpm -ivh kernel-*
```

```
Preparing... #####
```

```
[100%]
```

```
1:kernel-firmware
```

```
##### [ 50%]
```

```
2:kernel
```

```
##### [100%]
```

Verify the grub.conf file, whether use the new kernel as the default boot. `[root@desktop8 Desktop]# cat /boot/grub/grub.conf default=0`

```
title Red Hat Enterprise Linux Server (2.6.32-71.7.1.el6.x86_64)
```

```
root (hd0,0)
```

```
kernel /vmlinuz-2.6.32-71.7.1.el6.x86_64 ro root=/dev/mapper/vol0-root
```

```
rd_LVM_LV=vol0/root rd_NO_LUKS rd_NO_MD
```

```
rd_NO_DM LANG=en_US.UTF-8 SYSFONT=latarcyrheb-sun16 KEYBOARDTYPE=pc
```

```
KEYTABLE=us crashkernel=auto rhgb quiet
```

```
initrd /initramfs-2.6.32-71.7.1.el6.x86_64.img
```

NEW QUESTION 125

CORRECT TEXT

One Logical Volume is created named as myvol under vo volume group and is mounted. The Initial Size of that Logical Volume is 400MB. Make successfully that the size of Logical Volume 200MB without losing any data. The size of logical volume 200MB to 210MB will be acceptable.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? First check the size of Logical Volume: `lvdisplay /dev/vo/myvol`

? Make sure that the filesystem is in a consistent state before reducing:

```
# fsck -f /dev/vo/myvol
```

? Now reduce the filesystem by 200MB.

```
# resize2fs /dev/vo/myvol 200M
```

? It is now possible to reduce the logical volume. `#lvreduce /dev/vo/myvol -L 200M`

? Verify the Size of Logical Volume: `lvdisplay /dev/vo/myvol`

? Verify that the size comes in online or not: `df -h`

NEW QUESTION 128

CORRECT TEXT

Part 1 (on Node1 Server)

Task 8 [Managing Local Users and Groups]

Create a user fred with a user ID 3945. Give the password as iamredhatman

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

```
[root@node1 ~]# useradd -u 3945 fred
[root@node1 ~]# echo "iamredhatman" | passwd --stdin fred
Changing password for user fred.
passwd: all authentication tokens updated successfully
```

NEW QUESTION 130

CORRECT TEXT

Part 2 (on Node2 Server)

Task 3 [Managing Logical Volumes]

Create a new volume group in the name of datavg and physical volume extent is 16 MB Create a new logical volume in the name of datalv with the size of 250 extents and file

system must xfs

Then the logical volume should be mounted automatically mounted under /data at system boot time

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

```
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vdb 252:16 0 5G 0 disk
vdb1 252:17 0 4.2G 0 part
vgrz-lvrz 253:2 0 4.1G 0 lvm /datarz
vdc 252:32 0 5G 0 disk
vdd 252:48 0 5G 0 disk
vde 252:64 0 10G 0 disk
[root@node2 ~]# parted /dev/vdc mklabel msdos
[root@node2 ~]# parted /dev/vdc mkpart primary 1MiB 4200MiB
[root@node2 ~]# parted /dev/vdc set 1 lvm on
*
[root@node2 ~]# udevadm settle
[root@node2 ~]# pvcreate /dev/vdc1
Physical volume "/dev/vdc1" successfully created.
[root@node2 ~]# vgcreate -s 16M datavg /dev/vdc1
Volume group "datavg" successfully created
[root@node2 ~]# lvcreate -n datalv -L 4000M datavg
Logical volume "datalv" created.
[root@node2 ~]# mkfs.xfs /dev/datavg/datalv
[root@node2 ~]# mkdir /data
[root@node2 ~]# blkid
/dev/mapper/datavg-datalv: UUID="7397a292-d67d-4632-941e-382e2bd922ce"
BLOCK_SIZE="512" TYPE="xfs"
*
[root@node2 ~]# vim /etc/fstab
UUID=7397a292-d67d-4632-941e-382e2bd922ce /data xfs defaults 0 0
[root@node2 ~]# mount UUID=7397a292-d67d-4632-941e-382e2bd922ce /data
[root@node2 ~]# reboot
[root@node2 ~]# df -hT
Filesystem Type Size Used Avail Use% Mounted on
/dev/mapper/datavg-datalv xfs 3.9G 61M 3.9G 2% /data
```

NEW QUESTION 132

CORRECT TEXT

Configure a user account.

Create a user iaruid is 3400. Password is redhat

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
useradd -u 3400 iar
passwd iar
```

NEW QUESTION 133

CORRECT TEXT

Your System is going to use as a Router for two networks. One Network is 192.168.0.0/24 and Another Network is 192.168.1.0/24. Both network's IP address has assigned. How will you forward the packets from one network to another network?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? echo "1" >/proc/sys/net/ipv4/ip_forward
```

```
? vi /etc/sysctl.conf
```

```
net.ipv4.ip_forward = 1
```

If you want to use the Linux System as a Router to make communication between different networks, you need enable the IP forwarding. To enable on running session just set value 1 to

/proc/sys/net/ipv4/ip_forward. As well as automatically turn on the IP forwarding features on next boot set on /etc/sysctl.conf file.

NEW QUESTION 138

CORRECT TEXT

Update the kernel from ftp://instructor.example.com/pub/updates. According the following requirements:

? The updated kernel must exist as default kernel after rebooting the system.

? The original kernel still exists and is available in the system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
rpm -ivh kernel-firm...
```

```
rpm -ivh kernel...
```

NEW QUESTION 142

CORRECT TEXT

You are new System Administrator and from now you are going to handle the system and your main task is Network monitoring, Backup and Restore. But you don't know the root password. Change the root password to redhat and login in default Runlevel.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

When you Boot the System, it starts on default Runlevel specified in /etc/inittab: Id?:initdefault:

When System Successfully boot, it will ask for username and password. But you don't know the root's password. To change the root password you need to boot the system into single user mode. You can pass the kernel arguments from the boot loader.

* 1. Restart the System.

* 2. You will get the boot loader GRUB screen.

* 3. Press a and type 1 or s for single mode ro root=LABEL=/ rhgb quiet s

* 4. System will boot on Single User mode.

* 5. Use passwd command to change.

* 6. Press ctrl+d

NEW QUESTION 143

CORRECT TEXT

Part 1 (on Node1 Server)

Task 17 [Accessing Linux File Systems]

Find all the files owned by user "alex" and redirect the output to /home/alex/files.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
* root@node1 ~]# find / -user alex -type f > /home/alex/files
```

NEW QUESTION 145

CORRECT TEXT

Part 1 (on Node1 Server)

Task 12 [Accessing Network-Attached Storage]

Configure autofs to automount the home directories of user remoteuserX. Note the following:

utility.domain15.example.com(172.25.15.9), NFS-exports /netdir to your system, where user is remoteuserX where X is your domain number

remoteuserX home directory is utility.domain15.example.com:/netdir/remoteuserX remoteuserX home directory should be auto mounted locally at /netdir as /netdir/remoteuserX

Home directories must be writable by their users while you are able to login as any of the remoteuserX only home directory that is accessible from your system

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
*
•
[root@host ~]#systemctl enable sssd.service
[root@host ~]#systemctl start sssd.service
[root@host ~]#getent passwd remoteuser15
[root@host ~]#yum install autofs
[root@host ~]#vim /etc/auto.master.d/home9.autofs
/netdir/remoteuser15 /etc/auto.home9
[root@host ~]#vim /etc/auto.home9
remoteuser15 -rw,sync utility.network15.example.com:/netdir/remoteuser15/&
[root@host ~]#systemctl enable autofs
[root@host ~]#systemctl restart autofs
[root@host ~]#su - remoteuser15
```

NEW QUESTION 147

CORRECT TEXT

SELinux must be running in the Enforcing mode.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
getenforce // Check the current mode of SELinux // SELinux runs in enforcing mode // Check
getenforce 1
getenforce
vim /etc/selinux/config selinux=enforcing // To temporarily enable SELinux
wg
sestatus
```

NEW QUESTION 152

CORRECT TEXT

Make on data that only the user owner and group owner member can fully access.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
? chmod 770 /data
? Verify using : ls -ld /data Preview should be like:
drwxrwx--- 2 root sysadmin 4096 Mar 16 18:08 /data
To change the permission on directory we use the chmod command.
According to the question that only the owner user (root) and group member (sysadmin) can fully access the directory so: chmod 770 /data
```

NEW QUESTION 156

CORRECT TEXT

According the following requirements to create a local directory /common/admin.

- ? This directory has admin group.
- ? This directory has read, write and execute permissions for all admin group members.
- ? Other groups and users don't have any permissions.
- ? All the documents or directories created in the/common/admin are automatically inherit the admin group.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
mkdir -p /common/admin
chgrp admin /common/admin
chmod 2770 /common/admin
```

NEW QUESTION 161

CORRECT TEXT

There is a server having 172.24.254.254 and 172.25.254.254. Your System lies on 172.24.0.0/16. Make successfully ping to 172.25.254.254 by Assigning following IP: 172.24.0.x where x is your station number.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? Use netconfig command
? Enter the IP Address as given station number by your examiner: example: 172.24.0.1
? Enter Subnet Mask
? Enter Default Gateway and primary name server
? press on ok
? ifdown eth0
? ifup eth0
? verify using ifconfig
In the lab server is playing the role of router, IP forwarding is enabled. Just set the Correct IP and gateway, you can ping to 172.25.254.254.

NEW QUESTION 164**CORRECT TEXT**

There is a local logical volumes in your system, named with shrink and belong to VGSRV volume group, mount to the /shrink directory. The definition of size is 320 MB.

Requirement:

Reduce the logical volume to 220 MB without any loss of data. The size is allowed between 200-260 MB after reducing.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
cd;umount /shrink
e2fsck -f /dev/mapper/vgsrv-shrink
resize2fs /dev/mapper/vgsrv-shrink 220M
lvreduce -L 220M /dev/mapper/vgsrv-shrink
mount -a
```

NEW QUESTION 165

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