

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
SELinux must run in force mode.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
/etc/sysconfig/selinux
SELINUX=enforcing

NEW QUESTION 6

CORRECT TEXT
Notes:
NFS NFS instructor.example.com:/var/ftp/pub/rhel6/dvd
YUM http://instructor.example.com/pub/rhel6/dvd
ldap http://instructor.example.com/pub/EXAMPLE-CA-CERT Install dialog package.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
yum install dialog

NEW QUESTION 7

CORRECT TEXT
In the system, mounted the iso image /root/examine.iso to/mnt/iso directory. And enable automatically mount (permanent mount) after restart system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
mkdir -p /mnt/iso
/etc/fstab:
/root/examine.iso /mnt/iso iso9660 loop 0 0 mount -a
mount | grep examine

NEW QUESTION 8

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 9

CORRECT TEXT
Create a 512M partition, make it as ext4 file system, mounted automatically under /mnt/data and which take effect automatically at boot-start.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
fdisk /dev/vda
n
+512M
w
partprobe /dev/vda
mkfs -t ext4 /dev/vda5

```
# mkdir -p /data
# vim /etc/fstab
/dev/vda5 /data ext4 defaults 0 0
# mount -a
```

NEW QUESTION 10

CORRECT TEXT

Part 2 (on Node2 Server)

Task 6 [Implementing Advanced Storage Features]

Add a new disk to your virtual machine with a size of 10 GiB

On this disk, create a VDO volume with a size of 50 GiB and mount it persistently on /vbreadd with xfs filesystem

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
*
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vdd 252:48 0 5G 0 disk
vde 252:64 0 10G 0 disk
[root@node2 ~]# yum install kmod-kvdo vdo
[root@node2 ~]# systemctl enable --now vdo
[root@node2 ~]# systemctl start vdo
[root@node2 ~]# systemctl status vdo
[root@node2 ~]# vdo create --name=vdo1 --device=/dev/vde --vdoLogicalSize=50G
[root@node2 ~]# vdostats --hu
Device Size Used Available Use% Space saving%
/dev/mapper/vdo1 10.0G 4.0G 6.0G 40% N/A
[root@node2 ~]# mkfs.xfs -K /dev/mapper/vdo1
*
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vde 252:64 0 10G 0 disk
vdo1 253:4 0 50G 0 vdo
[root@node2 ~]# mkdir /vbreadd
[root@node2 ~]# blkid
/dev/mapper/vdo1: UUID="1ec7a341-6051-4aed-8a2c-4d2d61833227"
BLOCK_SIZE="4096" TYPE="xfs"
[root@node2 ~]# vim /etc/fstab
UUID=1ec7a341-6051-4aed-8a2c-4d2d61833227 /vbreadd xfs defaults,x-
systemd.requires=vdo.service 0 0
[root@node2 ~]# mount /dev/mapper/vdo1 /vbreadd/
[root@node2 ~]# df -hT
Filesystem Type Size Used Avail Use% Mounted on
/dev/mapper/vdo1 xfs 50G 390M 50G 1% /vbreadd
```

NEW QUESTION 10

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 13

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
8 l
82
W
partx -a /dev/sda
partprobe
mkswap /dev/sda8
Copy UUID
swapon -a
vim /etc/fstab
UUID=XXXXXX swap swap defaults 0 0
(swapon -s)
```

NEW QUESTION 15

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 16

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 17

CORRECT TEXT

Find all lines in the file /usr/share/dict/words that contain the string seismic. Put a copy of all these lines in their original order in the file /root/wordlist. /root/wordlist should contain no empty lines and all lines must be exact copies of the original lines in /usr/share/dict/words.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
grep seismic /usr/share/dict/words> /root/wordlist
```

NEW QUESTION 19

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 24

CORRECT TEXT

Part 1 (on Node1 Server)

Task 15 [Running Containers]

Create a container named logserver with the image rhel8/rsyslog found from the registry registry.domain15.example.com:5000

The container should run as the root less user shangrila. use redhat as password [sudo user]

Configure the container with systemd services as the shangrila user using the service name, “container-logserver” so that it can be persistent across reboot.

Use admin as the username and admin123 as the credentials for the image registry.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

```
[root@workstation ~]# ssh shangrila@node1
```

```
[shangrila@node1 ~]$ podman login registry.domain15.example.com:5000
```

```
Username: admin
```

```
Password:
```

```
Login Succeeded!
```

```
[shangrila@node1 ~]$ podman pull registry.domain15.example.com:5000/rhel8/rsyslog
```

```
[shangrila@node1 ~]$ podman run -d --name logserver
```

```
registry.domain15.example.com:5000/rhel8/rsyslog 021b26669f39cc42b8e94eab886ba8293d6247bf68e4b0d76db2874aef284d6d
```

```
[shangrila@node1 ~]$ mkdir -p ~/.config/systemd/user
```

```
[shangrila@node1 ~]$ cd ~/.config/systemd/user
```

*

```
[shangrila@node1 user]$ podman generate systemd --name logserver --files --new
```

```
/home/shangrila/.config/systemd/user/container-logserver.service
```

```
[shangrila@node1 ~]$ systemctl --user daemon-reload
```

```
[shangrila@node1 user]$ systemctl --user enable --now container-logserver.service
```

```
[shangrila@node1 ~]$ podman ps
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

```
7d9f7a8a4d63 registry.domain15.example.com:5000/rhel8/rsyslog:latest /bin/rsyslog.sh 2 seconds ago logserver
```

```
[shangrila@node1 ~]$ sudo reboot
```

```
[shangrila@node1 ~]$ cd .config/systemd/user
```

```
[shangrila@node1 user]$ systemctl --user status
```

NEW QUESTION 28

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 29

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 34

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=XXXXXX swap swap defaults 0 0 (swapon -s)
```

NEW QUESTION 36

CORRECT TEXT

The firewall must be open.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
/etc/init.d/iptables start
iptables -F
iptables -X
iptables -Z
/etc/init.d/iptables save
chkconfig iptables on
```

NEW QUESTION 40

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 44

CORRECT TEXT

Configure autofs to automount the home directories of LDAP users as follows: host.domain11.example.com NFS-exports /home to your system.

This filesystem contains a pre-configured home directory for the user ldapuser11 ldapuser11's home directory is host.domain11.example.com /rhome/ldapuser11

ldapuser11's home directory should be automounted locally beneath /rhome as

/rhome/ldapuser11

Home directories must be writable by their users ldapuser11's password is 'password'.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
? vim /etc/auto.master /rhome /etc/auto.misc
```

```
wq!
```

```
# vim /etc/auto.misc
```

```
ldapuser11 --rw,sync host.domain11.example.com:/rhome/ldpauser11 :wq!
```

```
#service autofs restart
```

```
? service autofs reload
```

```
? chkconfig autofs on
```

```
? su -ldapuser11
```

```
Login ldapuser with home directory
```

```
# exit
```

NEW QUESTION 45

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 47

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 51

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 52

CORRECT TEXT

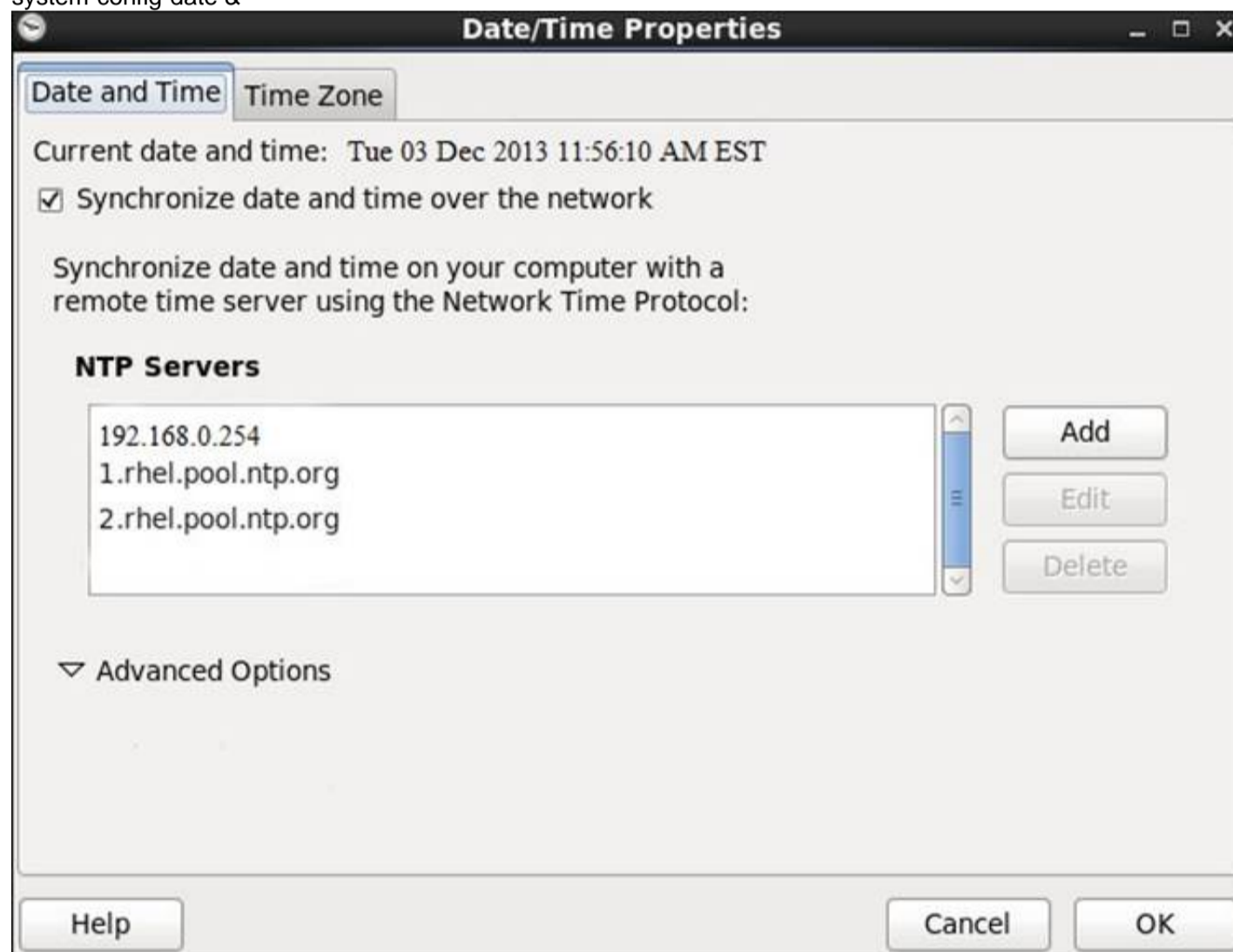
Configure the NTP service in your system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

system-config-date &



NEW QUESTION 55

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 57

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 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
systemctl enable crond
systemctl restart crond
```

NEW QUESTION 65

CORRECT TEXT

Part 1 (on Node1 Server)

Task 2 [Installing and Updating Software Packages]

Configure your system to use this location as a default repository: <http://utility.domain15.example.com/BaseOS> <http://utility.domain15.example.com/AppStream>

Also configure your GPG key to use this location <http://utility.domain15.example.com/RPM-GPG-KEY-redhat-release>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
* [root@node1 ~]# vim /etc/yum.repos.d/redhat.repo
[BaseOS]
name=BaseOS
baseurl=http://utility.domain15.example.com/BaseOS
enabled=1
gpgcheck=1
gpgkey=http://utility.domain15.example.com/RPM-GPG-KEY-redhat-release
[AppStream]
name=AppStream
baseurl=http://utility.domain15.example.com/AppStream
enabled=1
gpgcheck=1
gpgkey=http://utility.domain15.example.com/RPM-GPG-KEY-redhat-release
[root@node1 ~]# yum clean all
[root@node1 ~]# yum repolist
[root@node1 ~]# yum list all
```

NEW QUESTION 70

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 73

CORRECT TEXT

Create a Shared Directory.

Create a shared directory /home/admins, make it has the following characteristics:

/home/admins belongs to group adminuser

This directory can be read and written by members of group adminuser Any files created in /home/ admin, group automatically set as adminuser.

- 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 75

CORRECT TEXT

Create a backup file named /root/backup.tar.bz2, which contains the contents of /usr/local, bar must use the bzip2 compression.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
cd /usr/local
tar -jcvf /root/backup.tar.bz2*
mkdir /test
tar -jxvf /root/backup.tar.bz2 -C /test/
```

NEW QUESTION 77

CORRECT TEXT

Find the files owned by harry, and copy it to catalog: /opt/dir

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cd /opt/
# mkdir dir
# find / -user harry -exec cp -rfp {} /opt/dir/ \;
```

NEW QUESTION 81

CORRECT TEXT

There is a local logical volumes in your system, named with common and belong to VGSRV volume group, mount to the /common directory. The definition of size is 128 MB.

Requirement:

Extend the logical volume to 190 MB without any loss of data. The size is allowed between 160-160 MB after extending.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
lvextend -L 190M /dev/mapper/vgsrv-common resize2fs /dev/mapper/vgsrv-common
```

NEW QUESTION 85

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 86

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 90

CORRECT TEXT

Create a user named alex, and the user id should be 1234, and the password should be alex111.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# useradd -u 1234 alex
# passwd alex
alex111
alex111
OR
echo alex111|passwd -stdin alex
```

NEW QUESTION 92

CORRECT TEXT

According the following requirements, configure autofs service and automatically mount to user's home directory in the ldap domain.

- Instructor.example.com (192.168.0.254) has shared /home/guests/ldapuserX home directory to your system by over NFS export, X is your hostname number.
- LdapuserX's home directory is exist in the instructor.example.com: /home/ guests/ldapuserX
- LdapuserX's home directory must be able to automatically mount to /home/ guests/ldapuserX in your system.
- Home directory have write permissions for the corresponding user.

However, you can log on to the ldapuser1 - ldapuser99 users after verification. But you can only get your corresponding ldapuser users. If your system's hostname is server1.example.com, you can only get ldapuser1's home directory.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
mkdir -p /home/guests
cat /etc/auto.master:
/home/guests /etc/auto.ldap
cat /etc/auto.ldap:
ldapuser1 -rw instructor.example.com:/home/guests/ldapuser1
? automatically mount all the user's home directory #* -rw
instructor.example.com:/home/guests/&
```

NEW QUESTION 97

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 100

CORRECT TEXT

Part 1 (on Node1 Server)

Task 14 [Managing SELinux Security]

You will configure a web server running on your system serving content using a non- standard port (82)

A. Mastered

B. Not Mastered

Answer: A

Explanation:

*

```
[root@node1 ~]# curl http://node1.domain15.example.com
```

```
curl: (7) Failed to connect to node1.domain15.example.com port 80: Connection refused
```

```
[root@node1 ~]# yum install httpd
```

```
[root@node1 ~]# systemctl enable --now httpd
```

```
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service
```

```
/usr/lib/systemd/system/httpd.service.
```

```
[root@node1 ~]# systemctl start httpd
```

```
[root@node1 ~]# systemctl status httpd
```

```
Status: "Running, listening on: port 80"
```

*

```
[root@node1 ~]# wget http://node1.domain15.example.com
```

```
2021-03-23 13:27:28 ERROR 403: Forbidden.
```

```
[root@node1 ~]# semanage port -l | grep http
```

```
http_port_t tcp 80, 81, 443, 488, 8008, 8009, 8443, 9000
```

```
[root@node1 ~]# semanage port -a -t http_port_t -p tcp 82
```

```
[root@node1 ~]# semanage port -l | grep http
```

```
http_port_t tcp 82, 80, 81, 443, 488, 8008, 8009, 8443, 9000
```

```
[root@node1 ~]# firewall-cmd --zone=public --list-all
```

```
[root@node1 ~]# firewall-cmd --permanent --zone=public --add-port=82/tcp
```

```
[root@node1 ~]# firewall-cmd --reload
```

```
[root@node1 ~]# curl http://node1.domain15.example.com
```

```
OK
```

*

```
root@node1 ~]# wget http://node1.domain15.example.com:82
```

```
Connection refused.
```

```
[root@node1 ~]# vim /etc/httpd/conf/httpd.conf Listen 82
```

```
[root@node1 ~]# systemctl restart httpd
```

```
[root@node1 ~]# wget http://node1.domain15.example.com:82
```

```
2021-03-23 13:31:41 ERROR 403: Forbidden.
```

```
[root@node1 ~]# curl http://node1.domain15.example.com:82
```

```
OK
```

NEW QUESTION 103

CORRECT TEXT

A YUM repository has been provided at http://server.domain11.example.com/pub/x86_64/Server.

Configure your system to use this location as a default repository.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
vim/etc/yum.repos/base.repo
```

```
[base]
```

```
name=base
```

```
baseurl= http://server.domain11.example.com/pub/x86_64/Server
```

```
gpgcheck=0
```

```
enable=1
```

```
Save and Exit
```

Use yum list for validation, the configuration is correct if list the package information. If the Yum configuration is not correct then maybe cannot answer the following questions.

NEW QUESTION 104

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 106

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 of 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 108

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-data 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 113

CORRECT TEXT

Configure your Host Name, IP Address, Gateway and DNS. Host name: station.domain40.example.com
/etc/sysconfig/network hostname=abc.com hostname abc.com
IP Address:172.24.40.40/24
Gateway172.24.40.1 DNS:172.24.40.1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# cd /etc/sysconfig/network-scripts/
# ls
# vim ifcfg-eth0 (Configure IP Address, Gateway and DNS) IPADDR=172.24.40.40 GATEWAY=172.24.40.1
DNS1=172.24.40.1
# vim /etc/sysconfig/network
(Configure Host Name)
HOSTNAME= station.domain40.example.com
OR
Graphical Interfaces:
System->Preference->Network Connections (Configure IP Address, Gateway and DNS)
Vim /etc/sysconfig/network
(Configure Host Name)
```

NEW QUESTION 116

CORRECT TEXT

Set cronjob for user natasha to do /bin/echo hiya at 14:23.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
# crontab -e -u natasha
23 14 * * * /bin/echo hiya
wq!
```

NEW QUESTION 119

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=latarcyrheb-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=latarcyrheb-sun16 KEYBOARDTYPE=pc KEYTABLE=us rhgb quiet kmcrl=5
```

NEW QUESTION 120

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 124

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 127

CORRECT TEXT

Your System is configured in 192.168.0.0/24 Network and your nameserver is 192.168.0.254. Make successfully resolve to server1.example.com.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

nameserver is specified in question,

* 1. Vi /etc/resolv.conf

nameserver 192.168.0.254

* 2. host server1.example.com

NEW QUESTION 132

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 data1v 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 133

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 137

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 141

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 2 (on Node2 Server)

Task 7 [Implementing Advanced Storage Features]

Create a thin-provisioned filesystem with the name think_fs from a pool think_pool using the devices.

The filesystem should be mounted on /strav and must be persistent across reboot

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

*

```
[root@node2 ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
vdd 252:48 0 5G 0 disk
vde 252:64 0 10G 0 disk
vdo1 253:4 0 50G 0 vdo /vbreadd
[root@node2 ~]# yum install stratis* -y
[root@node2 ~]# systemctl enable --now stratisd.service
[root@node2 ~]# systemctl start stratisd.service
[root@node2 ~]# systemctl status stratisd.service
[root@node2 ~]# stratis pool create think_pool /dev/vdd
[root@node2 ~]# stratis pool list
Name Total Physical Properties
think_pool 5 GiB / 37.63 MiB / 4.96 GiB ~Ca,~Cr
*
[root@node2 ~]# stratis filesystem create think_pool think_fs
[root@node2 ~]# stratis filesystem list
Pool Name Name Used Created Device UUID
think_pool think_fs 546 MiB Mar 23 2021 08:21 /stratis/think_pool/think_fs ade6fdaab06449109540c2f3fdb9417d
[root@node2 ~]# mkdir /strav
[root@node2 ~]# lsblk
[root@node2 ~]# blkid
/dev/mapper/stratis-1-91ab9faf36a540f49923321ba1c5e40d-thin-fs- ade6fdaab06449109540c2f3fdb9417d: UUID="ade6fdaa-b064-4910-9540-c2f3fdb9417d"
BLOCK_SIZE="512" TYPE="xfs"
*
[root@node2 ~]# vim /etc/fstab
UUID=ade6fdaa-b064-4910-9540-c2f3fdb9417d /strav xfs defaults,x- systemd.requires=stratisd.service 0 0
[root@node2 ~]# mount /stratis/think_pool/think_fs /strav/
[root@node2 ~]# df -hT
/dev/mapper/stratis-1-91ab9faf36a540f49923321ba1c5e40d-thin-fs- ade6fdaab06449109540c2f3fdb9417d xfs 1.0T 7.2G 1017G 1% /strav
```

NEW QUESTION 148

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 sssg.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 150

CORRECT TEXT

Add a new logical partition having size 100MB and create the data which will be the mount point for the new partition.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- * 1. Use fdisk /dev/hda-> To create new partition.
- * 2. Type n ->For New partitions
- * 3. It will ask for Logical or Primary Partitions. Press l for logical.
- * 4. It will ask for the Starting Cylinder: Use the Default by pressing Enter Keys
- * 5. Type the size: +100M you can specify either Last cylinder of size here.
- * 6. Press P to verify the partitions lists and remember the partitions name.
- * 7. Press w to write on partitions table.
- * 8. Either Reboot or use partprobe command.
- * 9. Use mkfs -t ext3 /dev/hda?

OR

- * 1. mke2fs -j /dev/hda? ->To create ext3 filesystem.
- * 2. vi /etc/fstab
- * 3. Write:

/dev/hda? /data ext3 defaults 0 0

- * 4. Verify by mounting on current sessions also: mount /dev/hda? /data

NEW QUESTION 155

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 158

CORRECT TEXT

Configure your NFS services. Share the directory by the NFS Shared services.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/init.d/rpcbind start

/etc/init.d/nfslock start

/etc/init.d/nfs start

chkconfig rpcbind on

chkconfig nfslock on

chkconfig nfs on

showmount -e localhost

NEW QUESTION 159

CORRECT TEXT

The system ldap.example.com provides an LDAP authentication service.

Your system should bind to this service as follows:

The base DN for the authentication service is dc=domain11, dc=example, dc=com LDAP is used to provide both account information and authentication information. The connection should be encrypted using the certificate at http://host.domain11.example.com/pub/domain11.crt

When properly configured, ldapuserX should be able to log into your system, but will not have a home directory until you have completed the autofs requirement.

Username: ldapuser11

Password: password

A. Mastered

B. Not Mastered

Answer: A

Explanation:

? system-config-authentication LDAP user DN=dc=domain11,dc=example,dc=com Server= host.domain11.example.com

Certificate= http://host.domain11.example.com/pub/domain11.crt (enter url carefully, there maybe // or ..)

LDAP password

OK

starting sssd

? su -ldapuser11 Display Bash prompt #exit

NEW QUESTION 160

CORRECT TEXT

Your System is going use as a router for 172.24.0.0/16 and 172.25.0.0/16. Enable the IP Forwarding.

* 1. echo "1" >/proc/sys/net/ipv4/ip_forward

* 2. vi /etc/sysctl.conf net.ipv4.ip_forward=1

A. Mastered

B. Not Mastered

Answer: A

Explanation:

/proc is the virtual filesystem, containing the information about the running kernel.

To change the parameter of running kernel you should modify on /proc. From Next reboot the system, kernel will take the value from /etc/sysctl.conf.

NEW QUESTION 161

CORRECT TEXT

Part 1 (on Node1 Server)

Task 5 [Controlling Access to Files with ACLs]

Copy the file /etc/fstab to /var/tmp. Configure the following permissions on /var/tmp/fstab.

The file /var/tmp/fstab is owned by root user

The file /var/tmp/fstab is belongs to the root group

The file /var/tmp/fstab should be executable by anyone

The user harry is able to read and write on /var/tmp/fstab

The user natasha can neither read or write on /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:

*

[root@node1 ~]# cp -p /etc/fstab /var/tmp/

[root@node1 ~]# ls -lrt /etc/fstab

[root@node1 ~]# ls -lrt /var/tmp/fstab

[root@node1 ~]# chmod a+x /var/tmp/fstab

[root@node1 ~]# getfacl /var/tmp/fstab

[root@node1 ~]# setfacl -m u:harry:rw- /var/tmp/fstab

[root@node1 ~]# setfacl -m u:natasha:--- /var/tmp/fstab

[root@node1 ~]# getfacl /var/tmp/fstab

getfacl: Removing leading '/' from absolute path names

file: var/tmp/fstab

owner: root

group: root

user::rwx

user:harry:rw-

user:natasha:---

group::r-x

mask::rwx

other::r-x

*

[root@node1 ~]# su - natasha

[natasha@node1 ~]\$ cat /var/tmp/fstab

cat: /var/tmp/fstab: Permission denied

NEW QUESTION 162

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