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
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 updatted kernel is the first kernel and the orginal kernel remains available. set default=0
wq!

NEW QUESTION 3
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 4
CORRECT TEXT
Part 1 (on Node1 Server)
Task 16 [Running Containers]
Configure your host journal to store all journal across reboot
Copy all journal files from /var/log/journal/ and put them in the /home/shangrila/container- logserver
Create and mount /home/shangrila/container-logserver as a persistent storage to the container as /var/log/ when container start

A. Mastered
B. Not Mastered

Answer: A

Explanation:
*
[shangrila@node1 ~]$ podman ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
d5ffe018a53c registry.domain15.example.com:5000/rhel8/rsyslog:latest /bin/rsyslog.sh 5 seconds ago Up 4 seconds ago logserver
[shangrila@node1 ~]$ podman stats logserver
Error: stats is not supported in rootless mode without cgroups v2
[shangrila@node1 ~]$ podman stop logserver d5ffe018a53ca7eb075bf560d1f30822ab6fe51eba58fd1a8f370eda79806496
[shangrila@node1 ~]$ podman rm logserver
Error: no container with name or ID logserver found: no such container

```
[shangrila@node1 ~]$ mkdir -p container-journal/
*
[shangrila@node1 ~]$ sudo systemctl restart systemd-journald
[sudo] password for shangrila:
[shangrila@node1 ~]$ sudo cp -av /var/log/journal/* container-journal/
[shangrila@node1 ~]$ sudo cp -av /var/log/journal/* container-journal/
[shangrila@node1 ~]$ sudo chown -R shangrila container-journal/
[shangrila@node1 ~]$ podman run -d --name logserver -v /home/shangrila/container- journal/:/var/log/journal:Z registry.domain15.example.com:5000/rhel8/rsyslog
[shangrila@node1 ~]$ podman ps
[shangrila@node1 ~]$ loginctl enable-linger
[shangrila@node1 ~]$ loginctl show-user shangrila|grep -i linger
Linger=yes
*
[shangrila@node1 ~]$ podman stop logserver
[shangrila@node1 ~]$ podman rm logserver
[shangrila@node1 ~]$ systemctl --user daemon-reload
[shangrila@node1 ~]$ systemctl --user enable --now container-logserver
[shangrila@node1 ~]$ podman ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
3903e1d09170 registry.domain15.example.com:5000/rhel8/rsyslog:latest /bin/rsyslog.sh 4
seconds ago Up 4 seconds ago logserver
[shangrila@node1 ~]$ systemctl --user stop container-logserver.service
*
[shangrila@node1 ~]$ sudo reboot
[shangrila@node1 ~]$ podman ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
7e6cd59c506a registry.domain15.example.com:5000/rhel8/rsyslog:latest /bin/rsyslog.sh 10 seconds ago Up 9 seconds ago logserver
```

NEW QUESTION 5
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 6
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 7
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=xxxxxxxx /mnt/data ext4 defaults 0 0
# vim /etc/fstab
# mount -a
# mount (Verify)

NEW QUESTION 8
CORRECT TEXT
Add users: user2, user3.
The Additional group of the two users: user2, user3 is the admin group Password: redhat

A. Mastered
B. Not Mastered

Answer: A

Explanation:
useradd -G admin user2
useradd -G admin user3
passwd user2
redhat
passwd user3
redhat

NEW QUESTION 9
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 10
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 10
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 12
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 15
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 17
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
systemcdlrestart crond

NEW QUESTION 18
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 23
CORRECT TEXT
Part 1 (on Node1 Server)
Task 13 [Archiving and Transferring Files & SELinux]
Create a backup file named /root/backup.tar.bz2. The backup file should contain the content of /usr/local and should be zipped with bzip2 compression format. Furthermore, ensure SELinux is in enforcing mode. If it is not, change SELinux to enforcing mode.

A. Mastered
B. Not Mastered

Answer:

A

Explanation:
*
[root@node1 ~]# tar cvf /root/backup.tar /usr/local/
tar: Removing leading `/' from member names
/usr/local/
/usr/local/bin/
/usr/local/etc/ [root@node1 ~]# ls
backup.tar
[root@node1 ~]# file backup.tar
backup.tar: POSIX tar archive (GNU)
[root@node1 ~]# bzip2 backup.tar
[root@node1 ~]# ls
backup.tar.bz2
[root@node1 ~]# file backup.tar.bz2
backup.tar.bz2: bzip2 compressed data, block size = 900k
•
[root@node1 ~]# sestatus
SELinux status: enabled
[root@node1 ~]# cat /etc/selinux/config
SELINUX=enforcing
SELINUXTYPE=targeted
[root@node1 ~]# reboot
For Checking
[root@node1 ~]# sestatus
SELinux status: enabled

NEW QUESTION 28
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 31
CORRECT TEXT
Configure the system synchronous as 172.24.40.10.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical Interfaces:
System-->Administration-->Date & Time
OR
system-config-date

NEW QUESTION 36
CORRECT TEXT
Part 1 (on Node1 Server)
Task 7 [Accessing Linux File Systems]
Find all the files owned by user natasha and redirect the output to /home/alex/files.
Find all files that are larger than 5MiB in the /etc directory and copy them to /find/largefiles.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
[root@node1 ~]# find / -name natasha -type f > /home/natasha/files
[root@node1 ~]# cat /home/natasha/files
/var/spool/mail/natasha
/mnt/shares/natasha
[root@node1 ~]# mkdir /find
[root@node1 ~]# find /etc -size +5M > /find/largefiles
[root@node1 ~]# cat /find/largefiles
/etc/selinux/targeted/policy/policy.31
/etc/udev/hwdb.bin

NEW QUESTION 37
CORRECT TEXT
Part 1 (on Node1 Server)
Task 3 [Managing Local Users and Groups]
Create the following users, groups and group memberships: A group named sharegrp
A user harry who belongs to sharegrp as a secondary group
A user natasha who also belongs to sharegrp as a secondary group
A user copper who does not have access to an interactive shell on the system and who is not a member of sharegrp.
harry, natasha and copper should have the password redhat

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* [root@node1 ~]# groupadd sharegrp
[root@node1 ~]# useradd harry
[root@node1 ~]# useradd natasha
[root@node1 ~]# usermod -aG sharegrp harry
[root@node1 ~]# usermod -aG sharegrp natasha
[root@node1 ~]# useradd -s /sbin/nologin copper
[root@node1 ~]# echo "redhat" | passwd --stdin harry
[root@node1 ~]# echo "redhat" | passwd --stdin natasha
[root@node1 ~]# echo "redhat" | passwd --stdin copper
For Checking
[root@node1 ~]# su - copper
This account is currently not available.
[root@node1 ~]# su - natasha
[root@node1 ~]# id
[root@node1 ~]# su - harry
[root@node1 ~]# id

NEW QUESTION 42
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 45
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 49
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 52
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 54
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 56
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 --niserver=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 a are lots of authentication server i.e NIS, LDAB, SMB etc. NIS is a RPC related Services, 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 used the /etc/auto.master file. On /etc/auto.master file we specified the mount point the configuration file for mount point.

NEW QUESTION 59
CORRECT TEXT
Configure your Host Name, IP Address, Gateway and DNS. Host name: station.domain40.example.com
/etc/syscofig/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/syscofig/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 60
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 63
CORRECT TEXT
Create a volume group, and set the size is 500M, the size of single PE is 16M. Create logical volume named lv0 in this volume group, set size is 20 PE, make it as ext3 file system, and mounted automatically under data.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
fdisk /dev/vda
pvcreate /dev/vda3
vgcreate –s 16M vg0 /dev/vda3
lvcreate –n lv0 –l 20 vg0
mkfs.ext3 /dev/mapper/vg0-lv0
mkdir /data
/etc/fstab:
/dev/mapper/vg0-lv0 /data ext3 defaults 0 0
mount –a
mount | grep data

NEW QUESTION 68
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 70
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 75
CORRECT TEXT
Who ever creates the files/directories on a data group owner should automatically be in the same group owner as data.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. chmod g+s /data
* 2. Verify using: ls -ld /data
Permission should be like this: drwxrws--- 2 root sysadmin 4096 Mar 16 18:08 /data
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 76
CORRECT TEXT
Add admin group and set gid=600

A. Mastered
B. Not Mastered

Answer: A

Explanation:
groupadd -g 600 admin

NEW QUESTION 78
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 80
CORRECT TEXT
Configure iptables, there are two domains in the network, the address of local domain is 172.24.0.0/16 other domain is 172.25.0.0/16, now refuse domain 172.25.0.0/16 to access the server.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
below
? iptables -F
? service iptables save
? iptables -A INPUT -s 172.25.0.0/16 -j REJECT
? service iptables save
? service iptables restart

NEW QUESTION 82
CORRECT TEXT
Part 1 (on Node1 Server)
Task 1 [Managing Networking]
Please create new network connection with existing interface (enp1s0) using provided values:
IPv4: 172.25.X.10/255.255.255.0 (where X is your domain number: Domain15)
Gateway: 172.25.X.2
DNS server: 172.25.X.2
Add the following secondary IP addresses statically to your current running connection. Do this in a way that does not compromise your existing settings:
IPv4: 10.0.0.5/24 and set the hostname node1.domain15.example.com

A. Mastered
B. Not Mastered

Answer: A

Explanation:
*
[root@node1 ~]# nmcli connection show
[root@node1 ~]# nmcli connection add con-name static ifname enp1s0 type ethernet ipv4.addresses 172.25.15.10/24 ipv4.gateway 172.25.15.2 ipv4.dns 172.25.15.2 [root@node1 ~]# nmcli connection modify static ipv4.method manual connection.autoconnect yes
[root@node1 ~]# nmcli connection modify static +ipv4.addresses 10.0.0.5/24
[root@node1 ~]# nmcli connection up static
[root@node1 ~]# nmcli connection show
[root@node1 ~]# hostnamectl set-hostname node1.domain15.example.com
[root@node1 ~]# hostnamectl status
[root@node1 ~]# nmcli connection down static
*
[root@node1 ~]# nmcli connection up static
[root@node1 ~]# ip addr show
[root@node1 ~]# reboot
For checking
[root@node1 ~]# ip addr show
[root@node1 ~]# netstat -nr
[root@node1 ~]# cat /etc/resolv.conf

NEW QUESTION 85
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 /vbread
[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 86
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 I 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 90
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 92
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 96
CORRECT TEXT
Configure a HTTP server, which can be accessed through http://station.domain40.example.com.

Please download the released page from http://ip/dir/example.html.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
yum install -y httpd
chkconfig httpd on
cd /var/www/html
wget http://ip/dir/example.html
cp example.com index.html
vim /etc/httpd/conf/httpd.conf NameVirtualHost 192.168.0.254:80
<VirtualHost 192.168.0.254:80> DocumentRoot /var/www/html/
ServerName station.domain40.example.com
</VirtualHost>

NEW QUESTION 100
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 103
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 105
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