Red-Hat

Exam Questions EX200

EX200 Red Hat Certified System Administrator (RHCSA) Exam

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/sysconfing/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 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 4
CORRECT TEXT
SELinux must run in force mode.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/sysconfig/selinux
SELINUX=enforcing

NEW QUESTION 5
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 6
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 7
CORRECT TEXT
You are a System administrator. Using Log files very easy to monitor the system. Now there are 50 servers running as Mail, Web, Proxy, DNS services etc. You want to centralize the logs from all servers into on LOG Server. How will you configure the LOG Server to accept logs from remote host?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
By default, system accept the logs only generated from local host. To accept the Log from other host configure:
vi /etc/sysconfig/syslog SYSLOGD_OPTIONS="-m 0 -r"
Where
-m 0 disables 'MARK' messages.
-r enables logging from remote machines
-x disables DNS lookups on messages received with -r
service syslog restart

NEW QUESTION 8
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 9
CORRECT TEXT
Part 1 (on Node1 Server)
Task 9 [Managing Files from the Command Line]
Search the string nologin in the /etc/passwd file and save the output in /root/strings

A. Mastered
B. Not Mastered

Answer: A

Explanation:
*
[root@node1 ~]# cat /etc/passwd | grep nologin > /root/strings

[root@node1 ~]# cat /root/strings
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin lp:x:4:7:
lp:/var/spool/lpd:/sbin/nologin
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin

NEW QUESTION 10
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 -lrt /mnt/
[root@node1 ~]# chgrp sharegrp /mnt/shares/
[root@node1 ~]# chmod 2770 /mnt/shares/
[root@node1 ~]# ls -lrt /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 -lrt
-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 10
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 13
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 14
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 not need to set

NEW QUESTION 16
CORRECT TEXT
Configure your Host Name, IP Address, Gateway and DNS.
Host name: dtop5.dn.ws.com
IP Address: 172.28.10.5/4
Gateway: 172.28.10.1
DNS: 172.28.10.1

A. Mastered
B. Not Mastered

Answer: A

Explanation:
? Configure Host Name
? vim /etc/sysconfig/network NETWORKING=yes HOSTNAME=dtop5.dn.ws.com GATEWAY=172.28.10.1
* 2. Configure IP Address, Gateway and DNS
Configure the network by Network Manager:

Note: Please remember to choose two options:
? Connect automatically
? Available to all users
Click "Apply", save and exit, and restart your network services:
Service network restart
* 3. Validate these profiles:
a) Check gateway: # vim / etc / sysconfig / network
NETWORKING=yes
HOSTNAME=dtop5.dn.ws.com
GATEWAY=172.28.10.1
b) Check Host Name: # vim /etc/hosts

```
172.28.10.5   dtop5.dn.ws.com  dtop5   # Added by NetworkManager
127.0.0.1     localhost.localdomain     localhost
::1     dtop.dn.ws.com  dtop5  localhost6.localdomain6 localhost6
```

c) Check DNS: # vim /etc/resolv.conf
Generated by NetworkManager
Search dn.ws.com
Nameserver 172.28.10.1
d) Check Gateway: # vim /etc/sysconfig/network-scripts/ifcfg-eth0

```
DEVICE="eth0"
NM_CONTROLLED="yes"
ONBOOT=yes
TYPE=Ethernet
BOOTPROTO=none
IPADDR=172.28.10.5
PREFIX=24
GATEWAY=172.28.10.1
DNS1=172.28.10.1
DOMAIN=dn.ws.com
DEFROUTE=yes
IPV4_FAILURE_FATAL=yes
IPV6INIT=no
NAME="System eth0"
UUID=5fb06bd0-0bb0-7ffb-45f1-d6edd65f3e03
HWADDR=00:0c:29:0E:A6:C8
```

NEW QUESTION 18
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 23
CORRECT TEXT
Create a new logical volume according to the following requirements:
The logical volume is named database and belongs to the datastore volume group and has a size of 50 extents.
Logical volumes in the datastore volume group should have an extent size of 16 MB. Format the new logical volume with a ext3 filesystem.
The logical volume should be automatically mounted under /mnt/database at system boot time.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
fdisk -cu /dev/vda
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

NEW QUESTION 25
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 28
CORRECT TEXT
Configure a default software repository for your system.
One YUM has already provided to configure your system on http://server.domain11.example.com/pub/ x86_64/Server, and can be used normally.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Yum-config-manager --add-repo=http://content.example.com/rhel7.0/x86-64/dvd" is to generate a file vim content.example.com_rhel7.0_x86_64_dvd.repo, Add a line gpgcheck=0
Yumcleanall
Yumrepolist
Almost 4305 packages are right, Wrong Yum Configuration will lead to some following questions cannot be worked out.

NEW QUESTION 31
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
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 38
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 41

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 42
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 43
CORRECT TEXT
You have a domain named www.rhce.com associated IP address is 192.100.0.2. Configure the Apache web server by implementing the SSL for encryption communication.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
? vi /etc/httpd/conf.d/ssl.conf <VirtualHost 192.100.0.2> ServerName www.rhce.com
DocumentRoot /var/www/rhce DirectoryIndex index.html index.htm ServerAdmin
webmaster@rhce.com SSLEngine on SSLCertificateFile
/etc/httpd/conf/ssl.crt/server.crt SSLCertificateKeyFile
/etc/httpd/conf/ssl.key/server.key </VirtualHost>
? cd /etc/httpd/conf
3 make testcert
? Create the directory and index page on specified path. (Index page can download from ftp://server1.example.com at exam time)
? service httpd start|restart
? chkconfig httpd on
Apache can provide encrypted communications using SSL (Secure Socket Layer). To make use of encrypted communication, a client must request to https protocol, which is uses port 443. For HTTPS protocol required the certificate file and key file.

NEW QUESTION 47

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 48
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 53
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 56
CORRECT TEXT
Download ftp://192.168.0.254/pub/boot.iso to /root, and mounted automatically under
/media/cdrom and which take effect automatically at boot-start.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
cd /root; wget ftp://192.168.0.254/pub/boot.iso
mkdir -p /media/cdrom
vim /etc/fstab
/root/boot.iso /media/cdrom iso9660 defaults,loop 0 0
mount -a
mount [-t vfstype] [-o options] device dir

NEW QUESTION 60
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 61
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 65
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 67
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 68
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 69
CORRECT TEXT
Add 3 users: harry, natasha, tom.
The requirements: The Additional group of the two users: harry, 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 harry
useradd -G admin natasha
useradd -s /sbin/nologin tom
id harry;id Natasha (Show additional group)
cat /etc/passwd (Show the login shell)
OR
system-config-users

NEW QUESTION 73
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 76
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 81
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 86
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 89
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 90
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 92
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 97
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 100
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 queit s
* 4. System will boot on Single User mode.
* 5. Use passwd command to change.
* 6. Press ctrl+d

NEW QUESTION 101
CORRECT TEXT
Search files.
Find out files owned by jack, and copy them to directory /root/findresults

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mkdir/root/findfiles
find / -user jack -exec cp -a {} /root/findfiles/ \; ls /root/findresults

NEW QUESTION 103
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 107
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 112
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 115
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 116
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 118
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 120
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 124
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 126
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