EX200 Dumps

EX200 Red Hat Certified System Administrator (RHCSA) Exam

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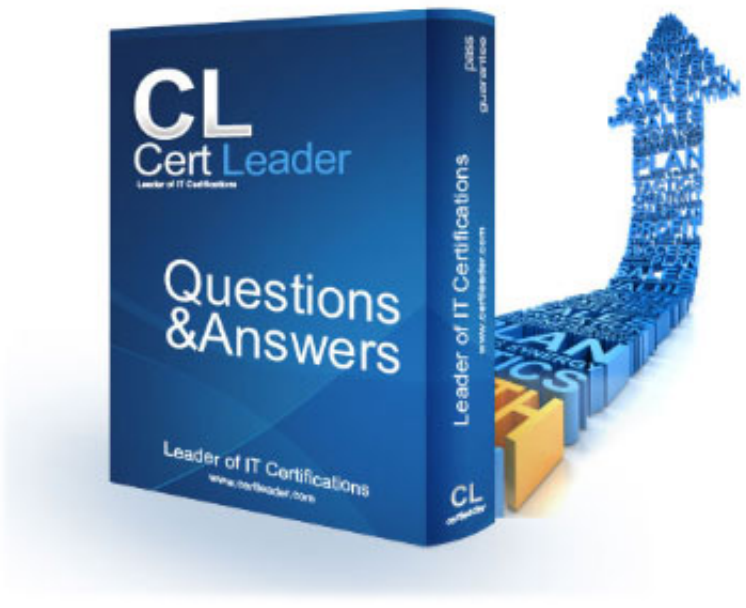

NEW QUESTION 1
Create the user named eric and deny to interactive login.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
useradd eric
passwd eric
vi /etc/passwd
eric:x:505:505::/home/eric:/sbin/nologin
Which shell or program should start at login time is specified in /etc/passwd file? By default, Redhat Enterprise Linux assigns the /bin/bash shell to the users. To deny the interactive login, you should write
/sbin/nologin or /bin/ false instead of login shell.

NEW QUESTION 2
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 3
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 4
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/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 5
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:
see explanation below.
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 6
User mary must configure a task.
Requirement: The local time at 14:23 every day echo "Hello World.".

A. Mastered
B. Not Mastered

Answer: A

Explanation:
crontab -u mary -e
23 14 * * * echo "Hello World."

NEW QUESTION 7
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 8
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 9
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 10
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 10
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 13
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 14
Configure NTP.
Configure NTP service, Synchronize the server time, NTP server: classroom.example.com

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Configure the client:
Yum -y install chrony
Vim /etc/chrony.conf
Add: server classroom.example.com iburst
Start: systemctl enable chronyd
systemctl restart chronyd
Validate: timedatectl status

NEW QUESTION 18
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 21
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 22
The user authentication has been provided by ldap domain in 192.168.0.254. According the following requirements to get ldapuser.
-LdapuserX must be able to login your system, X is your hostname number. But the ldapuser's home directory cannot be mounted, until you realize automatically mount by autofs server.
- All ldap user's password is "password".

A. Mastered
B. Not Mastered

Answer: A

Explanation:
system-config-authentication &

NEW QUESTION 23
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 28
Please open the ip_forward, and take effect permanently.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
- vim /etc/sysctl.conf net.ipv4.ip_forward = 1
- sysctl –w (takes effect immediately)

If no “sysctl.conf” option, use these commands:
- sysctl –a |grep net.ipv4

sysctl –P net.ipv4.ip_forward = 1
sysctl -w

NEW QUESTION 31
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 33
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 38
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 41
Notes:
NFS NFS instructor.example.com:/var/ftp/pub/rhel6/dvd

A. Mastered
B. Not Mastered

Answer: A

Explanation:
YUM
http://instructor.example.com/pub/rhel6/dvd
ldap http//instructor.example.com/pub/EXAMPLE-CA-CERT Install dialog package.
yum install dialog

NEW QUESTION 46
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 51
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 55
Open kmcrl value of 5 , and can verify in /proc/ cmdline

A. Mastered
B. Not Mastered

Answer: A

Explanation:
see explanation below.
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 60
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 64
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 65
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 66
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 67
Create a 2G swap partition which take effect automatically at boot-start, and it should not affect the original swap partition.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 70
Make on /archive directory that only the user owner and group owner member can fully access.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 75
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 76
Create one partitions having size 100MB and mount it on data.

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 Key.
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
mke2fs -j /dev/hda? To create ext3 filesystem.
vi /etc/fstab
Write:
/dev/hda? /data ext3 defaults 1 2
Verify by mounting on current Sessions also: mount /dev/hda? /data

NEW QUESTION 78
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 80
Make a swap partition having 100MB. Make Automatically Usable at System Boot Time.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
see explanation below.

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 82
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 83
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 84

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 86
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 88
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 89
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