DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: RedHat

Exam: Red Hat Certified System Administrator (RHCSA)

Number of questions in the database: 120

Exam Version: NOV. 2026

Question #1*Topic 1*

SIMULATION -
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 -

Correct Answer:
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)

Question #2*Topic 1*

SIMULATION -
Add 3 users: harry, natasha, tom.

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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.

Correct Answer:
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

Question #3*Topic 1*

SIMULATION -
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.

Correct Answer:

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

Question #4*Topic 1*

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

Correct Answer:

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

Question #5*Topic 1*

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

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Correct Answer:

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

Question #6*Topic 1*

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

Correct Answer:
cat /etc/testfile | while read line;
do
echo $line | grep abcde | tee -a /tmp/testfile
done

OR -
grep `abcde' /etc/testfile > /tmp/testfile

Question #7*Topic 1*

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

Correct Answer:
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

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Copy UUID -
swapon -a
vim /etc/fstab
UUID=XXXXX swap swap defaults 0 0
(swapon -s)

Question #8*Topic 1*

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

Correct Answer:
useradd -u 1234 alex
passwd alex
alex111
alex111

OR -
echo alex111|passwd -stdin alex

Question #9*Topic 1*

SIMULATION -
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.)

Correct Answer:
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

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