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Exam overview

Exam: EX200

Exam Name: Red Hat Certified System Administrator (RHCSA)

Platform: Red Hat® Enterprise Linux® 9.0.

https://www.redhat.com/en/services/training/ex200-red-hat-certified-system-administrator-rhcsa-exam?section=Overview

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QUESTION NO: 1 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

Answer:
see explanation below.

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)

QUESTION NO: 2 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.

Answer:
see explanation below.

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

QUESTION NO: 3 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.

Answer:
see explanation below.

Explanation:
cd /home/

mkdir admins /

chown .admin admins/

chmod 770 admins/

chmod g+s admins/

QUESTION NO: 4 CORRECT TEXT

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

Answer:
see explanation below.

Explanation:
which echo

crontab -e

23 14 * * * /bin/echo hello

crontab -l (Verify)

QUESTION NO: 5 CORRECT TEXT

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

Answer:
see explanation below.

Explanation:
cd /opt/

mkdir dir

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

QUESTION NO: 6 CORRECT TEXT

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.

Answer:
see explanation below.

Explanation:
cat /etc/testfile | while read line;

do

echo $line | grep abcde | tee -a /tmp/testfile

done

OR

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

QUESTION NO: 7 CORRECT TEXT

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

Answer:
see explanation below.

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)

QUESTION NO: 8 CORRECT TEXT

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

Answer:
see explanation below.

Explanation:
useradd -u 1234 alex

passwd alex

alex111

alex111

OR

echo alex111|passwd -stdin alex

QUESTION NO: 9 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.)

Answer:
see explanation below.

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

QUESTION NO: 10 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.