RHCSA(EX200)

Read all the instructions carefully

RHCSA exam is 2.5 hours long. 300 Marks-------------Min Marks is 210..

Student have to bring original photo ID proof with himself/herself & Passport size photograph.

Fill up the form. After filling form you will be provided with username and password for the base machine. Here provide password is for local user, not admin.

Login to the base machine.

After login to the base machine you are suppose to see a file on the Desktop in which information regarding the exam is given.

There is also an icon on the Desktop by clicking which you will be able to access your Virtual Machine.

You will solve all the questions in virtual machine.

You are login not get graphical screen so run startx command on terminal if you want graphical, yoe are supposed to open your exam paper in Base Machine.

RHCSA PAPER

1). First step is to crack password of Virtual Machine

2). setup a ip addr for virtual macine as ip addr 172.25.X.11 subnet mask 255.255.255.0 Default gateway 172.25.2.254 nameserver 172.25.254.254 and hostname as serverx.example.com.

3). Create a new Partition
Your system has a new physical partition mounted under **/common** with

a **400MiB** ext4 file system.
[Note: Because partition sizes are seldom exactly whatever specified when they are created, anything within the range of 350 to 450MB is acceptable.]

4). Create the following users, groups, and group memberships:
Create the following users, groups, and group memberships:
A group named sysadmin.
A user natasha who belongs to sysadmin as a secondary group.
A user sarah who also belongs to sysadmin as a secondary group.
A user harry who does not have access to an interactive shell on the system, and who is not a member of sysadmin.
natasha, sarah and harry should all have the password of thuctive

5). Create a collaborative directory
Create a collaborative directory **/common/admin** with the following characteristics:
Group ownership of /common/admin is sysadmin.
The directory should be readable, writable, and accessible to members of sysadmin, but not to any other user.
(It is understood that root has access to all files and directories on the system.)
Files created in /common/admin automatically have group ownership set to the sysadmin group.

6). Install the appropriate kernel
Install the appropriate kernel update
from:http://classroom.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.

7). Resize the Lvm partition
Resize the Lvm partition "home" to 150MiB.

8). Configure a cron job
The user natasha must configure a cron job that runs daily at 14:23 local time and executes /bin/echo hiya

9). SELinux must be running in the Enforcing mode.

10). Copy the file /etc/fstab to /var/tmp
Copy the file /etc/fstab to /var/tmp. 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 belong 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 sarah can neither write nor read /var/tmp/fstab.
[Note: all other users (current or future) have the ability to read/var/tmp/fstab.]

11). Configure NTP
Configure your system so that it is an NTP client of classroom.example.com.

12). Find the files

Find files in your system which is owned by natasha user & copy all the files on /backup/somefile directory

13). Create a swap partition
Create a SWAP partition of 450 megabyte and make available at next reboot.

14). Authenticate users from LDAP Directory Servers
Authenticate users from LDAP Directory Servers which have:
ServerName: classroom.example.com.
Base DN: dc=example,dc=com.
Download certificate from
http://classroom.example.com/pub/example-ca.crt
Authenticate with users ldapuserx with have password of password.
Configure autofs such that server's home directory instructor.example.com:/home/guests/ldapuserx mounted on /home/guests/ldapuserx.

15). Create a user with uid
Create the following user name neo with uid 1337 and set the password password:

16). Create the lvm partition with P.E.
Create the volume group with name myvol with 8 MiB P.E. and create the lvm name mydatabase with the 20 P.E. and format this lvm with vfat and create a directory /database and mount this lvm permanently on /database.

17). Find the string
Find the string root from /etc/passwd file and save the result in /searchfile.

18) Create a backup.
Create a backup.tar.bz2 of /etc directory in /home location.