

# hands on rhcsa example questions

---

## Tasks:

All tasks needs to be done on VM:

1 Change the password for root "1.TestMachine" VM to "rootadm"

2 Please set the following static IP

2.1 IP: 192.168.122.140

2.2 NETMASK: 255.255.255.0

2.3 Gateway: 192.168.122.0

3 Download the kernel from following link. The following criteria must also be met:

3.1 The updated kernel is the default kernel when the system is rebooted.

3.2 The original kernel remains available & bootable on the system.

Link: [ftp://www.kernel.org/Centos\\_7/](ftp://www.kernel.org/Centos_7/)

4 Configure your system's Selinux make it Enforcing Permissive.

5 Set hostname to net7.example.com

6 Create the following users, groups, & group members.

6.1 A group named bootcampers.

6.2 A user david who belongs to bootcampers as a secondary group

6.3 A user susan who also belongs to bootcampers as a secondary group

6.4 A user brad who does not have access to an interactive shell on the system, and who is not a member of bootcampers.

6.5 david, susan, and brad should all have the password of password.

7 Create a collaborative directory /common/bootcampers with the following characteristics:

7.1 Group ownership of /common/bootcampers is sysusers

7.2 The directory should be readable, writable, and accessible to member

of sysusers but not to any other user.

7.3 Files created in /common/bootcampers automatically have group ownership set to the sysusers group.

8 Copy the file /etc/passwd to /var/passwd. Configure the permissions of /var/tmp/passwd so that:

8.1 The file /var/tmp/passwd is owned by the root user.

8.2 The file /var/tmp/passwd belongs to the group root.

8.3 The file /var/tmp/passwd should not be executable by anyone.

8.4 The user andrew is able to read and write /var/tmp/passwd.

8.5 The user susan can neither write nor read /var/tmp/passwd.

8.6 All other users have the ability to read /var/tmp/passwd

9 Create a collaborative directory /home/materials with the following characteristic.

9.1 Group ownership of /home/materials should be sysadmins group.

9.2 The directory should be RWX for members of sysadmins but not to any other user.

9.3 Files created in /home/materials automatically set to sysadmins group.

10 Create a user 'ali' having user identity as 7777 and his home directory should be in /bootcamp/rhcsa.

11 Find the file which owned by user ali and copy the file into /findresults directory if needed please create the directory

12 Search the string cbasp in the /etc/services file and save the output in /tmp/grepoutput.

13 Create an archive file /root/local.tar.gz gzip.

14 Create a bzip2 compression of /etc directory. Name the compression file as etc.tar.bz2 and put this file in /root directory.

15 Create 1 GB ext4 file system on second disk persistent mounted at /database

16 The user jade must configure a cron job that runs daily at 14:24 local time and executes echo Hello create a user if necessary

17 Resize logical volume 10G total called root in the volume group centos, mounted at /. Make sure it is permanently mounted

18 Create a logical volume called homeStore, the logical volume size is 550MiB with ext4 file system. Logical volume is mounted at the /mnt/homeStore.

19 Create a volume group name as gcpvg which has physical extent size of 8MiB. Create a logical volume best\_cloud of 100 extents

19.1 assign xfs filesystem for best\_cloud. best\_cloud should be available permanently on gcpvg directory.

20. Configure your system so that it is an NTP client of 0.pool.ntp.org

22. Resize logical volume 700MB total called homeStore in the volume group shazam, mounted at /homeStore

Resizing done while the file system is still mounted and in-use. The volume group extended to include an additional physical volume of 512MB giving a total volume group of 1GB.

23. Configure LDAP

24. Configure autofs to automount the home directories of LDAP users.