

# RHCSA(EX200) EXAM-PAPER

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□□Three machines are there on your exam environment

1. Base Machine – base.net.example.com

a. Primary – primary.netX.example.com

b. Secondary – secondary.netX.example.com

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Q1.) setup an ip address for Primary virtual machine. ip addr 172.25.X.11 subnet mask

255.255.255.0 Default gateway 172.25.X.254 nameserver

172.25.254.254 and hostname as primary.netX.example.com

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Q2.) Yum repository configuration on both machines

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Q3.) Configure a cron job on Primary machine

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

OR

b. The user natasha must configure a cron job that runs daily at every 3 minute local time and executes /bin/echo hiya

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Q4.) Add a user john with uid 1800 and set password thuctive.

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Q5.) 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

Q6). 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.

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Q7). 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.

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Q8). Configure NTP in your system so that it is an NTP client of classroom.example.com

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Q9). Find the files in your system which is owned by Simone user & copy all the files on /root/found Directory

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Q10). Find the string strato from /usr/share/dict/words/file and save the result in /searchfile.

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Q11.) Using automounter service mount RemoteuserX onto the provided folder  
/ourhome/RemoteuserX

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Q-12) Start httpd service. Your apache is configure on 82 port. Set selinux context respectively to  
start httpd service.

Q-13)

1. set default permissions for user alex for all newly created files and folders
2. set permissions to the all newly created files r--r--r--
3. set permissions to the all newly created directory r-xr-xr-x

Q-14)

1. Write a script mysearch to list the contents of /usr that are below 10Mib.
2. The script should be present in /usr/local/bin
3. After execution, the script should automatically write all the lines and save It to /root/lines

## Machine =2

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Q1.) First step is to crack password of Secondary Machine

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Q2.) Yum repository configuration on both machines

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Q3). Set a recommended tuning profile for your system. (profile already available)

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Q4). Create a SWAP partition of 250 megabyte and make available at next reboot. Partition already available.

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Q5). Create the volume group with name myvol with 8 MiB P.E. and create the lvm name mydatabase with the 100 P.E. and format this lvm with vfat and create a directory /database and mount this lvm permanently on /database

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Q6). Resize the Lvm partition "home" to 150MiB.

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Q7). Create a backup.tar.(bz2 or gz) of /etc directory in /home location

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Q8).

You have been provided with a disk drive attached to your system, make use of it to create a VDO device with a logical size of 50GB.format this with xfs format and mount on /mnt/vdo0.

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OR

Q9:-

1. Create a thin-provisioned file system using Stratis storage management solution.
2. Add a thin-provisioned file system named stratis-filesystem1 in the pool stratispool1.
3. Mount the file system on /stratisvol. Create a file on the stratisfilesystem1.
4. [Copy file or get data from the given link(link is given in exam)]
5. Create a snapshot of stratis-filesystem1 named stratis-filesystem1-snap.

Q10.

1. Configure a container to start automatically
2. Create a container named logserver using the rsyslog image that is available from your registry.
3. - Configure it to run as a systemd service that should run from the existing user xanadu only
4. - The service should be named container-logserver and should automatically start a system reboot without any manual intervention.

Q11.

1. Extend the service from the previous task in this way:
2. - Configure the host system journal to preserve its data after reboot and restart the logging service
3. - Copy any \*.journal files from the host /var/log/journal directory and any subdirectories into the directory /home/xanadu/container\_journal
4. - Configure the service to automatically mount the directory /home/xanadu/container\_journal under /var/log/journal on the container when it starts