RHCSA(EX200) EXAM-PAPER On Primary Machine

1. **setup an ip address for Primary virtual machine. ip address 192.168.190.128 subnet mask 255.255.255.0 Default gateway 192.168.190.2 nameserver 192.168.190.2 and hostname as primary.netX.example.com.**

2. **Yum repository configuration on machines**
   baseurl = https://repo.almalinux.org/almalinux/9/AppStream/x86_64/os

   baseurl = https://repo.almalinux.org/almalinux/9/BaseOS/x86_64/os

3. **http service serves non-standard 82 port for your machine, the system is not able to connect to httpd service at port 82, fix the debug issue, to store the HTML files under /var/www/html directory don't have change to it. it should be accessible at port 82 and should start at boot time.**

4. **The user Neha must configure a cron job that runs daily at 14:23 local time and executes /bin/echo hiya OR • The user Neha must configure a cron job that runs daily at every 3 minute local time and executes /bin/echo hiya**

5. **A group named sysadmin. A user named Natasha who belongs to sysadmin as a secondary group. A user sarah who also belongs to sysadmin as a secondary group. A user named 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.**

6. **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.**

7. **Configure NTP in your system so that it is an NTP client of 2.in.pool.ntp.org**

8. **Find the files in your system which is owned by Simone user & copy all the files on /root/found directory**

9. **Find the string strato from /usr/share/dict/words and save the result in /searchfile.**

10. **Using automounterservice mount remoteuser18 onto the provided folder /rhome/remoteuser18. Nfs-server IP 192.168.172.130**

11. **set default permissions for user alex for all newly created files and folders • set permissions to the all newly created files r--r--r– • set permissions to the all newly created directory r-xr-xr-x**

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

13. **User of Specific UID Create a user barry User id of this user should be 2112 and set password Atenorth**

14. **Sudo privileges a group name is 'elite', they have to give administrative permission without password.**

Node-2 Question Paper

1. **The first step is to crack the password of the Secondary Machine. New password is redhat@00**

2. **Yum repository configuration on machines**
   baseurl = https://repo.almalinux.org/almalinux/9/AppStream/x86_64/os

   baseurl = https://repo.almalinux.org/almalinux/9/BaseOS/x86_64/os

3. **Set a recommended tuning profile for your system.**

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

5. **Create the volume group with name myvol with 24 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.**

6. **Resize the Lvm partition "home" to 150MiB.**

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

8. **Build Application- Build an application testapp that prints the message when user1 logged in "Welcome to user1"**

   Image should be created as andrew user

9. **Using https://raw.githubusercontent.com/sunilkumar0633/Git_Test/master/Containerfile build the image name is watcher**

   • create a container using an image which u created somewhere in exam:-

   • create a container using Andrew user and container name should be watcher

   • container should run as a systemd service, so configure as a service name container-watcher.service

   • container should run at boot time

   • container name should be watcher

   • mount /opt/files directory to /opt/incoming in container and /opt/processes to /opt/outgoing in container

this container will convert ascii test file into pdf format, so when you create simple file in /opt/files then container will automatically convert that file into pdf and save /opt/processes