WT

Node1 :

1. Set multi-user target as your default target. Then, reboot.
2. Configure your Host Name, IP Address, Gateway and DNS.

   IP Address : 172.24.40.40/24

   Gateway : 172.24.40.1

   DNS : 172.24.40.1

   hostname : node1.tekup.com
3. Configure repos AppStream and BaseOS :

AppStream link : **http://centos.anexia.at/centos-stream/9-stream/AppStream/x86_64/os/**

BaseOS Link : **https://centos.anexia.at/centos-stream/9-stream/BaseOS/x86_64/os/**

4. Find the lines that contain the string **"wild"** from the file **/usr/share/dict/words.** Save the result to **/root/result.**
5. Find files that belong to **user1**. Copy files to **/root/output.**
6. Compress :
   - **/usr/tmp** to **/root/compress1.tar.gz**
   - **/usr/include** to **/root/compress2.tar.bz2 (ensure that bzip2 package is installed)**
7. Configure the Following job : **logger -p local3.info « wt redhat »**. This job runs every two minutes.
8. Configure **154.70.152.179** as your **chrony server.**
9. Create a user named **anna** on the two machines with uid 5003. Her home directory on the server is named /node1/**anna**. It will be mounted on /node2/**anna** with autofs when **anna** connects.
10. A web server is hosted on this machine which will be used to display the content of three pages **file1, file2 and file3.** However, by restarting the corresponding service, we are unable to view the content of the web pages. try to solve this.
11. Create the following users :
    - Susan , (shell=/bin/sh, uid=1500 ; secondary group : linux)
    - antoine , (non interactive shell)
    - julien , (base directory : /dir)
12. All files that will be created by julien should have permissions rw- -r-- --- and all directories should have permissions -rwxr-x --- .

13. Julien must be a sudoers user without password
14. Create a collaborative directory /common/share with the following characteristics :
    - Owner : root
    - Group : sysadms

The directory should be readable , writable and accessible by root and group sysadms but not to any other user.

Files that will be created in /common/share should belong to sysadms group.

15. Create a user dbuser1and build the image : **docker.io/openviewdev/pdfconverter**
    In the real exam : you will build the **pdfconvert** from the docker file that will be downloded from **http://link**
16. Create a container using the image **pdfconvert.** The container is named **pdfconvertor.**
    Attach volumes **/opt/input** and **/opt/processed (in container)** to **/action/incoming and /action/outcoming (in your machine)** respectively**.**
17. Create a service container-pdfconvertor.service from the container pdfconvertor.

Node2 :

1. Define alberate as the root password
2. Configure your Host Name, IP Address, Gateway and DNS.
   IP Address : 172.24.40.41/24
   Gateway : 172.24.40.1
   DNS : 172.24.40.1
   hostname : node1.tekup.com
3. Configure repos AppStream and BaseOS :

AppStream link : **http://centos.anexia.at/centos-stream/9-stream/AppStream/x86_64/os/**
BaseOS Link : **https://centos.anexia.at/centos-stream/9-stream/BaseOS/x86_64/os/**

4. Extend lv1. The new size should be between 617 M and 623M
5. Create a logical Volume and mount it permanently.
   - Create the logical volume with the name **"data"** by using **90PE's** from the volume group "**storage**".
   - Consider each PE size of the volume group as **"32 MB".**
   - Mount it on **/data** with file system **xfs**.
6. Add a swap partition with a size of **512MB** and mount it permanently.
7. Set recomended profile as your tuned profile