

LDF Document - C01

[Question No.1]

Create three news LV

- Lv-01 = 3 GB
- Lv-02 = 2.4 GB
- Extend 2.4 GB to 3.0 GB of Lv-02

[Question No.2]

- Install httpd web server and sure is it running?
- Configure your firewall must allow http service and its protocol.

[Question No.3]

Grep errors messages in the /var/log/messages of your host machine (ubuntu) and export the results to ~/Desktop/error-log file. And copy the error-log file to your VM Machine's ~/error-log/ directory.

[Question No.4]

Create your daily cron jobs which will echo "Hello This system is Stable And Running " > ~/lc_test/check_echo . That file will be the output file of your's cron job.

[Question No.5]

- Add the new group: "instructors" with GID 30000
- Create three new users: gorwell, rbradbury, and dadams, with a password of "firstpw" and add them to the supplementary group instructors.
- Determine the date 60 days in the future and set each of the three new user accounts to expire on that date.
- Change the password policy for the gorwell account to require a new password every 10 days.
- Force all three newly created users to change their password on first login.
- Set Account Expire date of dadams user to 2023-08-22.

[Question No.6]

- Create Desktop/mydata directory
- Add group "stooges" with gid(groupID) 1555
Add group "instructors" and gid is 30000
- Change group permissions on the Desktop/mydata directory so it belongs to the stooges group.
- Change owner permissions of Desktop/mydata to "root" owner

- Set the permission of Desktop/mydata read,write,execute for owner user and owner group. And read,execute only for other user
- Make "temp" directory on Desktop
- This directory is owned by user root and group instructors

[Question No.7]

- Login to the root user.
- Create tar file for /etc with name "etc_backup.tar.xz"
- View what data contains in the created tar file.
- Extract etc_backup.tar.xz file to the Desktop/backup/directory.

[Question No.8]

- Create "mydata" directory on Your Desktop/
- And then create "mysecret" directory under /root/ directory.
- Create a soft link to two directory.
- Make a "notes" file beneath /root/ and set a hard link in the Documents/dailynote file.

[Question No.9]

```
$ sudo yum install -y yum-utils
$ sudo yum-config-manager --add-repo
https://download.docker.com/linux/centos/docker-ce.repo
```

Run These two commands will add a new repository for Docker Packages and their related dependencies. Now your turn, Please enable this "docker-ce" repos and install [docker-ce docker-ce-cli containerd.io] into your Machine.

[Question No.10]

- We don't need to set up Swap Memory for your hosted machine.
- Please turn down swap memory permanently.

Respectfully yours,
LDF Admin