1. Display below values on the terminal using linux commands:
   1. IP address, Hostname & DNS.
   2. List 1st process of linux on terminal.
   3. 7 different types of files.
   4. Default shell used by you.
2. Change the status of SELinux temporarily to PERMISSIVE and verify.
3. Write linux command to stop the firewalld permanently and verify.
4. Add 2 HDDs each of 5GB and mount those as a single logical volume at “/lvm” with EXT4 file system.
5. Install the “squid” or “nfs-utils-coreos” package without its dependencies using “RPM” & verify it.
6. Create a group named “LTIB372” & verify it. Add new users (say user1, user2, user3) to this group. Add NETWORKING and STORAGE administration for this group and verify using any user from the group.
7. Create a new directory “/LTIMindtree” and give Read-Write access to group LTIB372 only. Access this folder with a new user (not part of LTIB372 group) with your last name and ensure you get permission denied while accessing it.
8. Preserve the current permissions of the directory “/lvm” (created in question 3) and add Read-Only access for group LTIB372 and verify.
9. Setup an FTP server with the banner as “Welcome to LTIMindtree’s FTP services” and access the files/directories for the user you created in Question 6.
10. Create a new directory /NFSShare on server machine and create 5 text files inside it. Ensure that this folder is accessible as READ-ONLY on client machine on /NFSClient directory and verify it.
11. Setup a website as “www.yourname.com” & display on the web browser. You can use below HTML code to display the webpage.

|  |
| --- |
| <html>  <body bgcolor='pink'>  <h1 align="center">Hello Batch 37.2</h1>  <marquee>*display your name*</marquee>  </body>  </html> |

1. Create a user with your last name and make it sudo user with admin privileges (like Networking, Storage, Services & Visudo command) & verify after you login to this user.
2. Ping server and client machines using linux BIND server (do not use /etc/hosts file for this question).
3. Verify if the required packages are installed to work with FTP, install if it’s not installed. Use the following banner line while login in “Welcome to LTI Batch 37.1 - BBSR”. Allow only your last name (created in previous question) to access the FTP server and perform upload and download of any file from FTP server.
4. Send and receive email using Postfix & dovecot and verify it.