

Assignment :- LINUX

Module: 1 - Linux server - Understand and use essential tools

1. What is the minimum number of partitions you need to install Linux?

- one

2. Explain About Chmod Command

- Chmod use for change modification and give permission to all files and directories(folders).

3. How to check Linux memory utilization

- Using “top” command gives a dynamic , real-time view of system process and memory usage.

4. · Use grep to search for specific patterns in files.

- grep “write specific word to find” /etc/demo (location of file or directory)

5. · Get Connecting on a linux server by ssh

- Done in lab

6. · Create 5 files in the /tmp directory, and then use tar and gzip to bundle and compress the files.

- Done in lab

7. ·Describe the root account

- The root account is a special account that has complete administrative privileges and control over the entire system.

8. What is shell?

- If we use graphically use in linux that is known as shell.

9. What is Linux?

- Linux is a unix- like open source and community development operating system for computer, servers, mobile devices.

10. What is Bash?

- If we use command based in linux that is known as bash.

11. You have a new empty hard drive that you will use for Linux. What is the first step you use.

- First we download linux OS.

12. Write the Linux command to show the current working directory.

- pwd -(present working directory)

13. write the Linux command to get help with various options.

- -- help
- man
- pinfo

14. Write the linux comman! to display what all users are currently doing.

- Use “who” for a simple list of logged-in users.
- Use “w” for a more detailed view of user activity.

15. write the Linux command to get information about the operating system.

- `uname -a`

16. Write the Linux command to create a hard link of a file.

- To create a hard link of a file use “ln” command.

17. Write the Linux command to create a soft link of a file as well as Directory.

- To create soft link of a file use “ln -s” command.

18. Write the Linux command! to search for specific pattern in a file.

- `grep`

19. Write the Linux command to show the use of basic regular expressions using grep command.

- `grep “write specific word to find” location of file or directory`