

Redhat Linux Server Assignment

**Module-1**

# Linux server - Understand and use essential tools

1). **Accessing the Command Line**

**1).** What is UNIX?

2). What is Super User ?

3). What is bash?

4). What is Shell?

5). Which part of the command line that specifies the target that the command should operate on?

6). Which hardware and keyboard used to interact with a system?

7) What is one of multiple logical consoles that can each support an independent login session?

**2). Managing Files From the Command Line**

1). What is Linux File System?

2). Draw Linux File System Hierarchy?

3). Which type Files store in /usr?

4).Which type files store in /etc?

5). What is different between “/usr/bin” or “/usr/sbin” ?

6). Which type file store in /dev?

7). Which type file store in /root?

8). Which directory is system’s root directory & how it present?

9).What is the work of “pwd” command?

**3). Getting Help in Red Hat Enterprise Linux**

1). What is the work of “man: command?

2). What is the work of “pinfo” command?

3). Why we use “<command> --help “ ?

4). What is “redhat-support-tool”?



**4).Creating, Viewing, and Editing Text Files**

1. Where we are using this “ | ” ?
2. Which command use to display command output to terminal, ignore all errors?
3. Which command use to send command output to file; errors to different file?
4. Which command use to Run command, save output in a file, discard error messages?
5. What is “ VIM ” or “ Vi ” ?

**5). Managing Local Linux Users and Groups**

1. What is the different between User and Group?
2. Where we locate local users account information?
3. What is “UID”
4. What “ / ” represent?
5. Where we locate local groups information?
6. Why we use “ su” or “sudo” command?

**6). Controlling Access to Files with Linux File System Permissions**

1. Explain Linux file system permission? (r,w,x)
2. What is the use of “chmod”?
3. “chown” use for ??
4. “**–rwxr-x---**“ Explain?
5. “**chmod 750 file**” group has which permission?
6. “chmod –R” what is “–R” stand?
7. Explain file/folder permissions?
8. Explain why user/group owner require?

**7). Monitoring and Managing Linux Processes**

1. What is Linux system process?
2. “ps” stands from?
3. What is the work or “ps aux”?
4. Which command use to process stopped (suspended)?
5. Explain Linux process states?
6. What is different between “Background and Foreground” processes?
7. What is the use of “kill”?

**Module 2**

# Linux server –S2S SSH, Networking and Pack. Install



**Module 3**

# Linux server – Deploy & Control Access

**Module 4:**

# Linux server - Configure local storage & Firewall



**Module 5**

# Linux server - Server to Client Assignment

**Module: 6**

# Linux server - Deployment of Network services & Scripting

