

Assignment No 7 – Mayur Borse

Q)Perform all the linux admin commands.

1. #File and Directory Management : =

- ls : = List directory contents.
- cp : = Copy files or directories.
- mv : = Move or rename files/directories.
- rm : = Remove files or directories.
- mkdir : = Create directories.
- rmdir : = Remove empty directories.
- chmod : = Change file permissions.
- chown : = Change file owner or group.

2. #System Information : =

- uname : = Display system information.
- hostname : = Display or set the system hostname.
- df : = Show disk space usage.
- free : = Display amount of free and used memory.

3. #User and Group Management : =

- useradd : = Add a user.
- userdel : = Delete a user.
- passwd : = Change user password.

- groupadd : = Add a group.
- groupdel : = Delete a group.
- usermod : = Modify user properties.
- groups : = Display groups a user is in.

4. #Process Management : =

- ps : = Display information about processes.
- top : = Display and update sorted information about processes.
- kill : = Terminate a process.
- pkill : = Send signals to processes based on their name.
- killall : = Kill processes by name.

5. #System Services : =

- systemctl : = Control the systemd system and service manager.
- service : = Command to run System V init scripts.
- chkconfig : = Update and query runlevel information for system services.

6. #Network Configuration : =

- ifconfig or ip : = Display or configure network interfaces.
- route : = Show or manipulate the IP routing table.
- netstat : = Display network connections and routing tables.

- ss : = Display socket statistics.
- ping : = Test network connectivity.
- traceroute : = Trace the route that packets take to reach a network host.

7. #Package Management : =

- apt` (Debian/Ubuntu) or `yum` (RHEL/CentOS): Package management commands.
- dpkg : = Debian package management.
- rpm : = Red Hat Package Manager.

8. #Log Files : =

- tail : = Display the last part of a file.
- head : = Display the first part of a file.
- cat : = Concatenate and display files.
- journalctl : = Query and display messages from the journal.

9. #System Maintenance : =

- shutdown : = Shutdown or restart the system.
- reboot : = Reboot the system.
- cron : = Schedule tasks to run periodically.