

Linux Command Line Commands

Basic Linux Commands

- ls - List Files and Directories
- cd <directory_name> - Change Directory
- pwd - Print Current Directory
- mkdir <directory_name> - Create a New Directory
- rm <file_name> - Remove Files
- cp <source_file> <destination> - Copy Files
- mv <source_file> <destination> - Move or Rename Files
- touch <file_name> - Create an Empty File
- cat <file_name> - Display File Contents
- find <directory> -name <file_name> - Search for Files

File Permissions

- chmod 755 <file_name> - Change Permissions
- chown <owner>:<group> <file_name> - Change Ownership

Process Management

- ps - Show Running Processes
- top - Display Active Processes
- kill <process_id> - Kill a Process
- free -h - Check Memory Usage

File Archiving and Compression

- tar -cvf archive_name.tar <file_or_directory> - Create a TAR Archive
- tar -xvf archive_name.tar - Extract a TAR Archive
- gzip <file_name> - Compress a File
- gunzip <file_name.gz> - Decompress a File

Network Commands

- ifconfig - Check Network Configuration

- ping <host_name_or_ip> - Ping a Host
- wget <file_url> - Download Files

User Management

- sudo adduser <user_name> - Add a User
- sudo deluser <user_name> - Delete a User
- su <user_name> - Switch User

Disk Management

- df -h - Check Disk Usage
- du -sh <directory_name> - Check Directory Size

Package Management

- sudo apt update - Update System Packages (Debian/Ubuntu)
- sudo yum update - Update System Packages (CentOS/RedHat)
- sudo apt install <package_name> - Install a Package (Debian/Ubuntu)
- sudo yum install <package_name> - Install a Package (CentOS/RedHat)

Others

- grep <text> <file_name> - Search Text in Files
- uptime - Check System Uptime
- sudo reboot - Reboot System
- nano <file_name> - Edit Files with Nano
- vi <file_name> - Edit Files with Vi