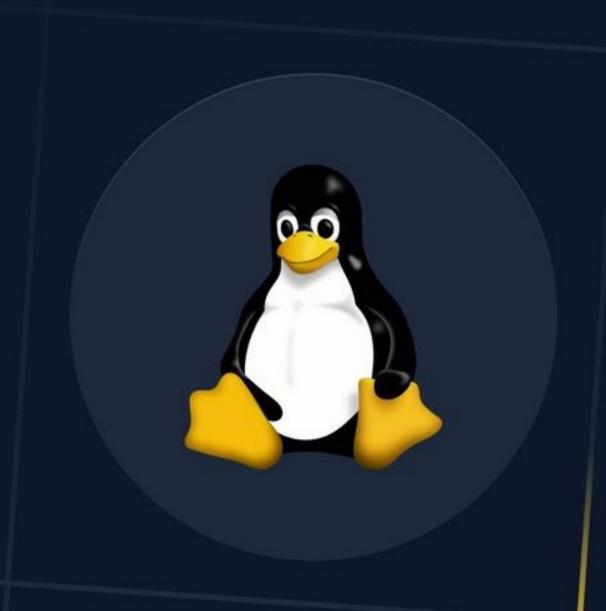


Must-Have Linux Commands



1-1 @nacercodes

File & Directory

\$ ls List directory contents

\$ cd Change directory

\$ pwd Print current working directory

\$ mkdir Create directories

\$ rmdir Remove directories

\$ cp Copy files or directories

\$ mv Move files or directories

\$ touch Update file timestamps Open a terminal-based text editor for creating and \$ nano editing files \$ cat Output the contents of a file \$ head Output the first part of files \$ tail Output the last part of files \$ find Search for files in a directory hierarchy \$ zip Compress files into a ZIP archive format \$ unzip Extract files from a ZIP archive

N

Networking

\$ route Show or manipulate the IP routing table

\$ netstat Print network connections, routing tables, interface statistics, etc.

\$ whois Show domain registration information

\$ ping Send ICMP ECHO_REQUEST to network hosts

\$ dig Retrieve domain information and DNS records

\$ host Retrieve domain name to IP address translations

\$ hostname Display or set the system's hostname

User & Group

\$ useradd

Create a new user

\$ userdel

Delete a user account and related files

\$ usermod

Modify a user account

\$ groupadd

Create a new group

\$ groupdel

Delete a group

\$ groupmod

Modify a group definition on the system

\$ passwd

Change user password

Permission & Ownership

\$ chmod

Change file permissions and access modes

\$ chown

Change the ownership of files and directories

\$ chgrp

Change the group ownership of files and directories



\$ top

\$ nice

\$ bg

\$ fg

\$ systemctl

Process Management

\$ ps Show active processes running in the system

Display real-time information about system processes, resource usage, and system statistics

\$ kill Terminate or send signals to processes

Run a program with modified scheduling priority

Control the systemd system and service manager

Move a suspended or stopped process to the background

Bring a background process to the foreground

Disk Space Usage

\$ df Display disk space usage for mounted filesystems

\$ du Estimate file space usage

\$ free Display amount of free and used memory in the system

\$ fdisk Manipulate disk partition table

\$ findmnt List all mounted filesystems or search for a filesystem

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Additional Commands

\$ man Display the manual pages for commands

\$ whoami Display the username of the currently logged-in user

\$ clear the terminal screen

\$ grep Search for patterns in files or text streams and display matching lines

\$ history Display a list of previously executed commands

\$ reboot Restart the system

\$ shutdown Initiate a system shutdown



Save it or lose it.

