



Deepesh Gupta
@deepeshmlgupta

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



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\$ touch

Update file timestamps

\$ nano

Open a terminal-based text editor for creating and 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



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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



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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



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Process Management

\$ ps

Show active processes running in the system

\$ top

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

\$ kill

Terminate or send signals to processes

\$ nice

Run a program with modified scheduling priority

\$ systemctl

Control the systemd system and service manager

\$ bg

Move a suspended or stopped process to the background

\$ fg

Bring a background process to the foreground



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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



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Additional Commands

\$ man

Display the manual pages for commands

\$ whoami

Display the username of the currently logged-in user

\$ clear

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



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For additional commands of similar nature, please visit my blog page at:

<https://deepeshmlgupta.hashnode.dev>