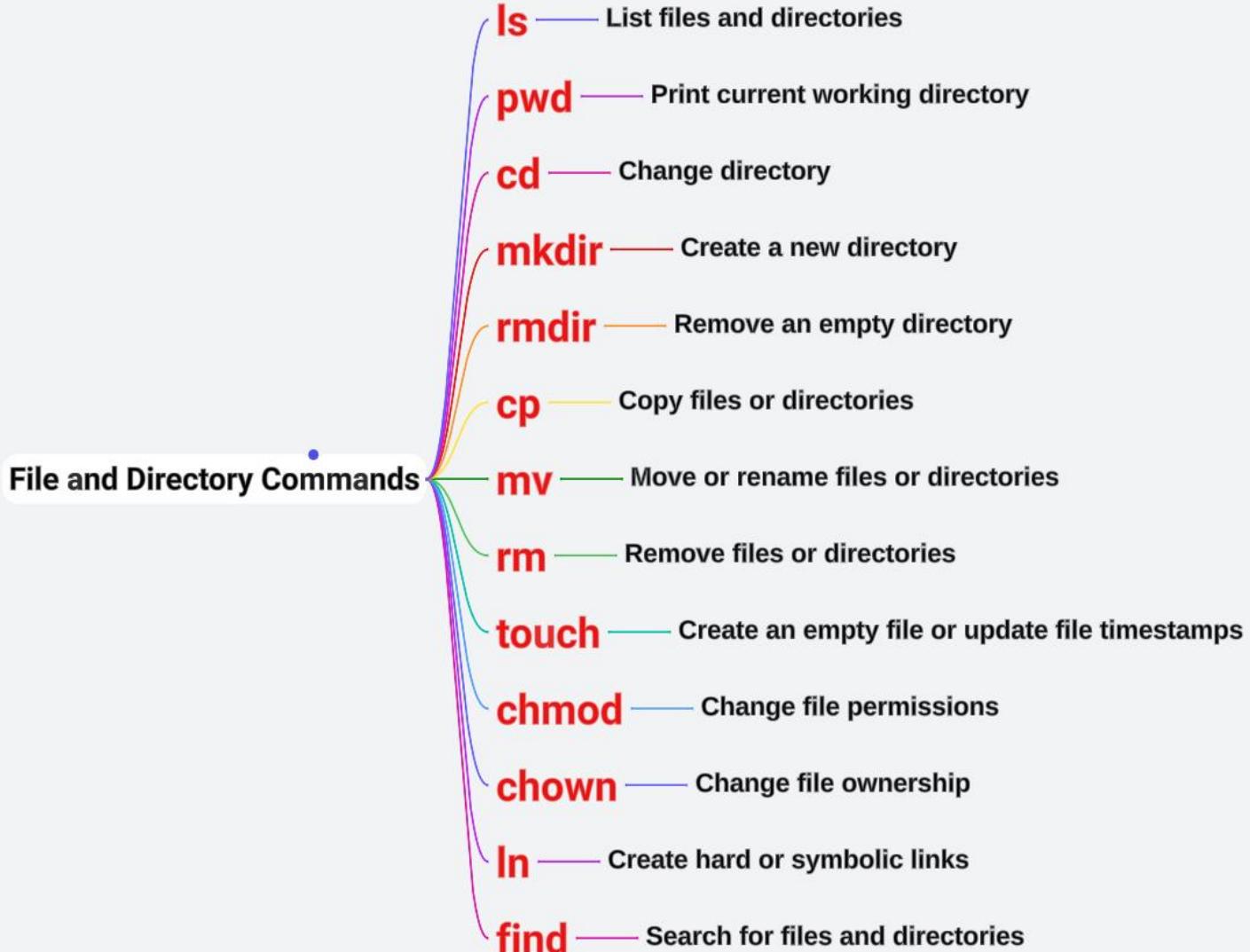


File and Directory Commands:



File Viewing and Editing:

File Viewing and Editing

- cat** — Concatenate and display the content of files
- more** — Display the content of a file one screen at a time
- less** — A more advanced file viewer.
- nano** — A simple text editor
- vim** — A powerful text editor
- head** — Display the first few lines of a file
- tail** — Display the last few lines of a file
- grep** — Search for patterns in files

⌚ Text Processing:

Text Processing

awk — A powerful pattern scanning and processing language

sed — A stream editor for filtering and transforming text

📦 File Compression and Archiving:

File Compression and Archiving

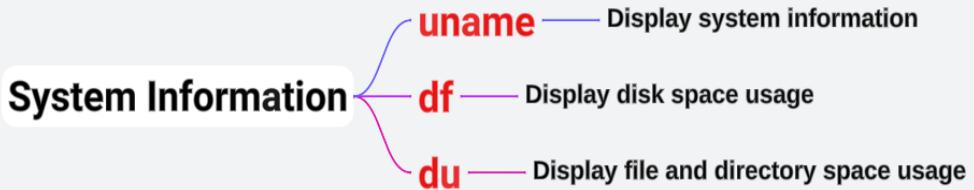
tar — Create and manipulate tar archives

gzip — Compress or decompress files using the gzip algorithm

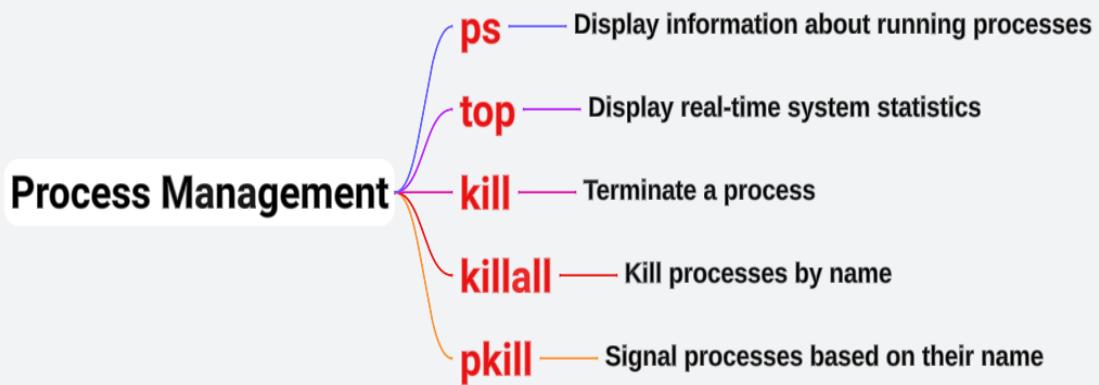
zip — Package and compress files into zip archives

unzip — Extract files from zip archives

System Information:



Process Management:



User and Group Management:

User and Group Management

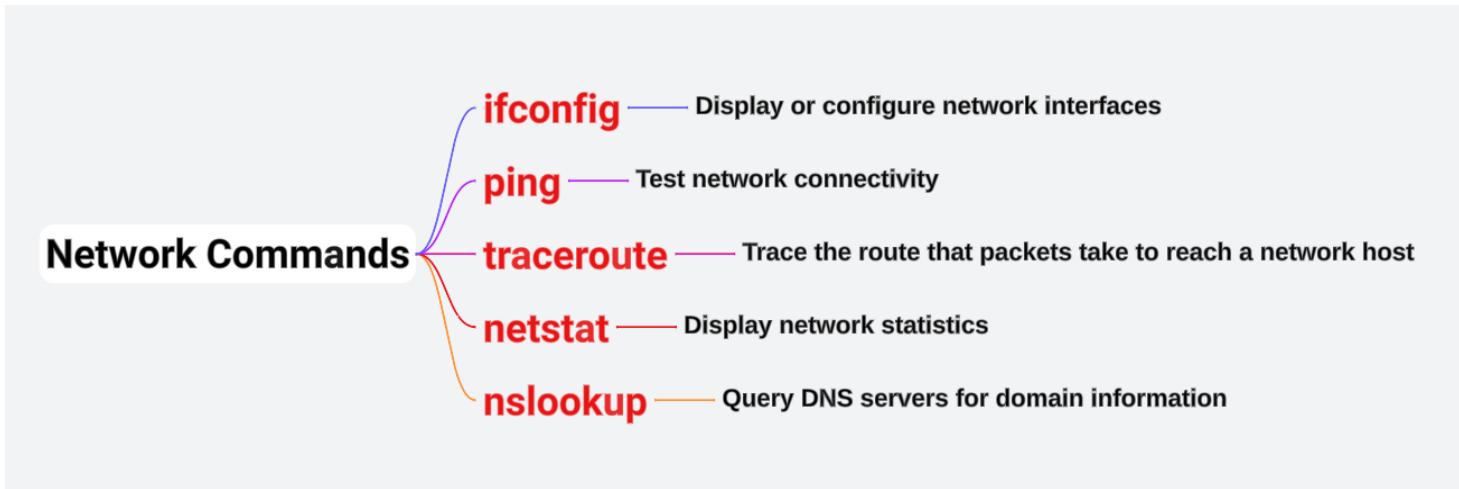
- whoami** — Display the current username
- who** — Display information about users currently logged in
- useradd** — Add a new user
- userdel** — Delete a user
- passwd** — Change user password
- groupadd** — Add a new group
- groupdel** — Delete a group

System Administration:

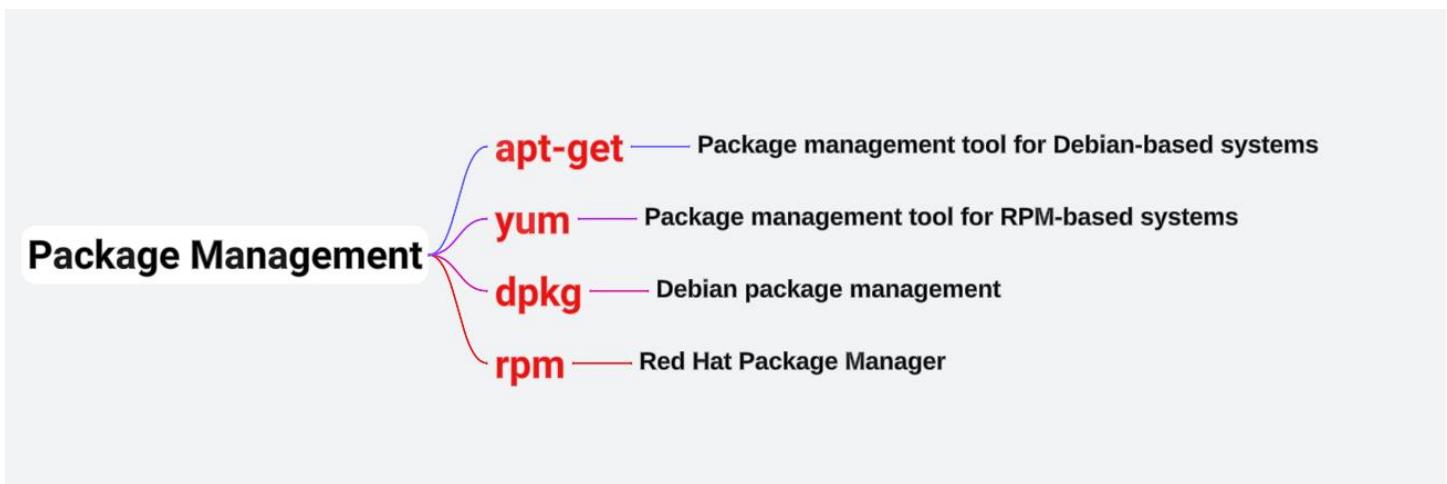
System Administration

- sudo** — Execute a command as the superuser
- su** — Switch user
- visudo** — Edit the sudoers file

Network Commands:



Package Management:



⌚ File System Check and Repair:



💻 System Logging:



⌚ System Time and Date:

System Time and Date

date — Display or set the system date and time

timedatectl — Control the system clock and its settings

Hardware Information:

Hardware Information

lshw — Display detailed hardware information

lscpu — Display CPU information

lsusb — Display USB information

lspci — Display PCI device information

File System Mounting:

File System Mounting

mount — Mount a file system

umount — Unmount a file system

🛡 Firewall Configuration:

Firewall Configuration

ufw — Uncomplicated Firewall

iptables — Packet filtering framework

🔗 Remote Access and File Transfer:

Remote Access and File Transfer

ssh — Secure Shell for remote access
scp — Secure copy for remote file transfer
sftp — Secure file transfer protocol

System Shutdown and Restart:

System Shutdown and Restart

ssh — Shutdown the system
reboot — Restart the system

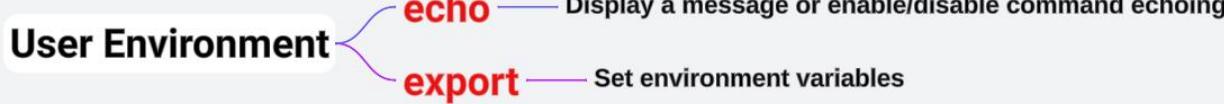
Disk Partitioning:



System Resource Monitoring:



User Environment:



📁 File System Navigation Shortcuts:



🔒 File Permissions Shortcuts:

File Permissions Shortcuts

u (user) — Owner of the file
g (group) — Group associated with the file
o (other) — Others or everyone
a (all) — All users

File Redirection and Pipes:

File Redirection and Pipes

> — Redirect output to a file
|>> — Append output to a file
< — Redirect input from a file
| (pipe) — Redirect output of one command as input to another

File Searching:

File Searching

locate

Find the location of files and directories

whereis

Locate the binary, source, and manual page files for a command

File Comparison:

File Comparison

locate

Compare files line by line

cmp

Compare two files byte by byte

System Update:

System Update

- apt update** — Update package information
- apt upgrade** — Upgrade installed packages
- yum update** — Update installed packages on RPM-based systems
- yum upgrade** — Upgrade installed packages on RPM-based systems