Linux commands

CentOs:

CentOS (Community Enterprise Operating System) was historically a free and community-supported Linux distribution. It was built from the same source code that Red Hat Enterprise Linux (RHEL) uses, effectively mirroring RHEL's functionality and compatibility while offering it at no cost to users.

CENTOS GENERAL COMMANDS:

1.File System Navigation:

* cd: Change directory
* ls: List directory contents
* pwd: Print working directory
* mkdir: Make directory
* rmdir: Remove directory
* cp: Copy files/directories
* mv: Move or rename files/directories
* rm: Remove files/directories
* touch: Create an empty file or update file timestamps

2. File Management:

* cat: View or concatenate files
* more or less: View file contents page by page
* head: Display the beginning of a file
* tail: Display the end of a file
* nano or vim (text editors): Edit files in the terminal

3.System Information:

* uname -a: Display system information
* hostname: Display the system's hostname
* top or htop: Display running processes
* free: Display available memory
* df: Show disk space usage
* du: Show directory space usage

4.User Management:

* whoami: Show the current user
* who: Display who is logged in
* users: List users currently logged in
* passwd: Change user password
* useradd: Add a new user
* userdel: Delete a user
* su: Switch user

5. Package Management:

* yum (older versions) or dnf (newer versions): Package manager for installing, updating, and removing software packages
* yum install package\_name or dnf install package\_name: Install a package
* yum update or dnf update: Update installed packages
* yum remove package\_name or dnf remove package\_name: Remove a package

6. Network:

* ifconfig or ip addr: Display network interface information
* ping: Send ICMP echo requests to test connectivity
* netstat: Display network connections, routing tables, interface statistics, etc.
* ss: Investigate sockets
* traceroute or mtr: Trace the route packets take to a network host

7.System Control:

* systemctl: Control system services (start, stop, restart, enable, disable)
* shutdown: Shutdown or restart the system
* reboot: Reboot the system

8.File Permissions:

* chmod: Change file permissions
* chown: Change file owner and group