

#	Category	Command	Description
1	Networking	ssh	Secure shell for remote login to another system.
2	File & Directory Management	ls	Lists files and directories in the current directory.
3	File & Directory Management	pwd	Prints the working directory (shows your current path).
4	File & Directory Management	cd	Changes the current directory.
5	File & Directory Management	touch	Creates an empty file or updates a file's timestamp.
6	File Viewing & Editing	echo	Prints text to the terminal or writes into a file.
7	File Viewing & Editing	nano	Simple terminal-based text editor.
8	vim		
9	File Viewing & Editing	cat	Displays file contents.
10	File Viewing & Editing	shred	Overwrites and deletes a file securely.
11	File & Directory Management	mkdir	Creates a new directory.
12	File & Directory Management	cp	Copies files or directories.
13	File & Directory Management	rm	Removes (deletes) files.
14	File & Directory Management	rmdir	Removes empty directories.
15	File & Directory Management	ln	Creates hard or symbolic (soft) links.
16	File & Directory Management	clear	Clears the terminal screen.
17	User & Permissions	whoami	Shows the currently logged-in user.
18	User & Permissions	useradd	Adds a new user.
19	User & Permissions	sudo	Runs commands with root/admin privileges.
20	User & Permissions	adduser	Interactive version of useradd.
21	User & Permissions	su	Switches to another user account.
22	User & Permissions	exit	Logs out or closes the shell session.
23	User & Permissions	passwd	Changes a user password.
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25	System & Software	apt	Installs, updates, or removes software packages.
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27	User & Permissions	finger	Shows information about system users.
28	System & Software	man	Displays the manual/help for a command.
29	System & Software	whatis	Gives a short description of a command.
30	System & Software	which	Shows the path of a command's executable.
31	System & Software	whereis	Shows locations of command (binary, source, man page).
32	Networking	wget	Downloads files from the web.
33	Networking	curl	Transfers data from/to a server (URLs, APIs).
34	File Compression	zip	Compresses files into a .zip archive.
35	File Compression	unzip	Extracts files from a .zip archive.
36	File Viewing & Editing	less	Views file content one page at a time.
37	File Viewing & Editing	head	Displays the first lines of a file.
38	File Viewing & Editing	tail	Displays the last lines of a file.
39	File Comparison	cmp	Compares two files byte by byte.
40	File Comparison	diff	Shows line-by-line differences between two text files.
41	File Handling	sort	Sorts the contents of a file.
42	File Handling	find	Searches for files and directories.
43	User & Permissions	chmod	Changes file permissions.
44	User & Permissions	chown	Changes file ownership.
45	Networking	ifconfig	Shows/sets network interfaces (legacy command).
46	Networking	ip address	Modern replacement for ifconfig to show IP info.
47	File Handling	grep	Searches text in files using patterns.
48	File Handling	awk	Processes and extracts data from text files.
49	Networking	resolvectl	Manages DNS resolver settings (systemd).
50	Networking	ping	Tests connectivity to another host.
51	Networking	traceroute	Traces the path packets take to a destination.
52	Networking	netstat	Shows active network connections (deprecated).
53	Networking	ss	Modern replacement for netstat.

54	Networking	iptables	Configures Linux firewall rules.
55	Networking	ufw	Simplified firewall manager.
56	System & Software	uname	Displays system and kernel information.
57	System & Software	neofetch	Displays system info in a styled format.
58	System & Software	cal	Displays a calendar.
59	System & Software	free	Shows memory (RAM) usage.
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61	Processes	ps	Lists running processes.
62	Processes	top	Real-time display of processes and resource usage.
63	Processes	htop	Interactive, colorful version of top.
64	Processes	kill	Terminates a process by PID.
65	Processes	pkill	Terminates processes by name.
66	System & Software	systemctl	Manages system services (start, stop, enable).
67	System & Software	history	Shows the list of previously run commands.
68	System & Software	reboot	Restarts the system.
69	System & Software	shutdown	Powers off the system.