

## Windows Command Prompt Cheat Sheet

Open Command Prompt by pressing **Win+R** or by typing **CMD**.

No	Command	Explanation	Example
1	dir	Lists files and directories	dir C:\
2	cd	Changes directory	cd C:\Users
3	md	Creates a new directory	md NewFolder
4	rd	Removes a directory	rd OldFolder
5	del	Deletes files	del C:\file.txt
6	copy	Copies files	copy C:\Desktop\file.txt C:\Downloads\
7	move	Moves files	move C:\Desktop\file.txt C:\Downloads\
8	ren	Renames files or directories	ren oldname.txt newname.txt
9	type	Displays contents of a text file	type C:\file.txt
10	find	Searches for a text string in files	find "error" C:\log.txt
11	findstr	Searches for strings in files	ipconfig /all   findstr D's
12	sort	Sort the contents of a file alphabetically	sort < names.txt
13	comp	Compares contents of two files	comp file1.txt file2.txt
14	ipconfig	Displays IP configuration information	ipconfig /all
15	systeminfo	Displays system information	systeminfo
16	netstat	Displays network statistics	netstat -ano
17	whoami	Displays current user	whoami
18	getmac	Displays MAC address	getmac /v
19	hostname	Displays computer name	hostname
20	ver	Displays Windows version	ver
21	winver	Displays Windows version and build	winver
22	ping	Tests network connectivity	ping google.com -n [number] google.com
23	tracert	Traces route to a destination	tracert microsoft.com
24	nslookup	Queries DNS servers	nslookup google.com
25	tasklist	Lists running processes	tasklist
26	taskkill	Terminates processes	taskkill /IM notepad.exe /F taskkill /PID process_id /F taskkill /IM chrome* /F taskkill /PID PID1 /PID PID2 /F
27	sfc	Scans and repairs system files	sfc /scannow
28	chkdsk	Checks disk for errors	chkdsk C: /f
29	diskpart	Manages disks and partitions	diskpart then list disk
30	format	Formats a disk	format C: /fs:ntfs
31	xcopy	Copies files and directories	xcopy C:\source D:\dest /E
32	robocopy	Advanced file copy utility	robocopy C:\source D:\dest /E
33	fc	Compares files and displays differences	fc file1.txt file2.txt
34	tree	Displays directory structure graphically	tree C:\
35	attrib	Changes file attributes	attrib +r C:\file.txt
36	cipher	Displays or alters file encryption	cipher /e C:\SecretFolder
37	compact	Displays or alters file compression	compact /c C:\folder
38	net user	Manages user accounts	net user JohnDoe newpassword

No	Command	Explanation	Example
39	net localgroup	Manages local groups	net localgroup Administrators
40	net start	Starts a network service	net start "Print Spooler"
41	net stop	Stops a network service	net stop "Print Spooler"
42	netsh	Network configuration tool	netsh wlan show profiles
43	sc	Manages Windows services	sc query
44	reg	Manages registry	reg query HKLM\Software
45	runas	Runs a program as a different user	runas /user:Admin cmd
46	schtasks	Schedules commands and programs	schtasks /create /tn "MyTask" /tr notepad.exe /sc daily
47	wmic	Windows Mgmt. Instrumentation Command-line	wmic os get name,version,buildnumber
		Retrieves basic OS information	
48		Software inventory	wmic product get name,version
49		Lists installed software	wmic /node:"victim_ip" process call create "powershell.exe -enc base64_encoded_payload"
		Remote code execution	
50		Executes a malicious script on a remote system	wmic startup create
		Malware persistence	name="Malware",command="C:\malware.exe"
		Adds malware to the startup folder	
51		Evasion technique	wmic process where name="antivirus.exe" delete
		Attackers may try to terminate security software	
52	assoc	Displays or modifies file extension associations	assoc .txt
53	ftype	Displays or modifies file types	ftype txtfile
54	driverquery	Displays installed device drivers	driverquery
55	msinfo32	Displays system information	msinfo32
56	mmc	Opens Microsoft Management Console	mmc
57	eventvwr	Opens Event Viewer	eventvwr
58	services.msc	Opens Services management console	services.msc
59	devmgmt.msc	Opens Device Manager	devmgmt.msc
60	diskmgmt.msc	Opens Disk Management	diskmgmt.msc
61	taskmgr	Opens Task Manager	taskmgr
62	perfmon	Opens Performance Monitor	perfmon
63	resmon	Opens Resource Monitor	resmon
64	msconfig	Opens System Configuration	msconfig
65	control	Opens Control Panel	control
66	mstsc	Opens Remote Desktop Connection	mstsc
67	cleanmgr	Opens Disk Cleanup	cleanmgr
68	defrag C:	Defragments a drive	defrag C:
69	cls	Clears the screen	cls

No	Command	Explanation	Example
70	path	Displays or sets PATH environment variable	path
71	set	Displays, sets, or removes environment variables	set
72	echo	Displays messages	echo Hello World
73	query	Displays information about processes running on a Remote Desktop Session Host (RD Session Host) server	query process * show all Processes
74	powercfg	Manages power settings	powercfg /energy
75	shutdown	Shuts down or restarts computer	shutdown /r /t 0
76	gpupdate	Updates Group Policy settings	gpupdate /force
77	gpresult	Displays Group Policy results	gpresult /r