

An A-Z Index of Windows CMD commands.

ADDUSERS Add or list users to/from a CSV file
ADmodcmd Active Directory Bulk Modify
ARP Address Resolution Protocol
ASSOC Change file extension associations•
ATTRIB Change file attributes

b

BCDBOOT Create or repair a system partition
BCDEDIT Manage Boot Configuration Data
BITSADMIN Background Intelligent Transfer Service
BROWSTAT Get domain, browser and PDC info

c

CACLS Change file permissions
CALL Call one batch program from another•
CERTREQ Request certificate from a certification authority
CERTUTIL Manage certification authority (CA) files and services
CD Change Directory - move to a specific Folder•
CHANGE Change Terminal Server Session properties
CHCP Change the active console Code Page
CHKDSK Check Disk - check and repair disk problems
CHKNTFS Check the NTFS file system
CHOICE Accept keyboard input to a batch file
CIPHER Encrypt or Decrypt files/folders
CleanMgr Automated cleanup of Temp files, recycle bin
CLIP Copy STDIN to the Windows clipboard
CLS Clear the screen•
CMD Start a new CMD shell
CMDKEY Manage stored usernames/passwords
COLOR Change colors of the CMD window•
COMP Compare the contents of two files or sets of files
COMPACT Compress files or folders on an NTFS partition
COMPRESS Compress one or more files
CON Console input
CONVERT Convert a FAT drive to NTFS
COPY Copy one or more files to another location•
Coreinfo Show the mapping between logical & physical processors
CSCcmd Client-side caching (Offline Files)
CSVDE Import or Export Active Directory data
CURL Transfer data from or to a server

d

DATE Display or set the date•
DEFRAG Defragment hard drive
DEL Delete one or more files•
DELPREF Delete user profiles
DELTREE Delete a folder and all subfolders
DevCon Device Manager Command Line Utility
DIR Display a list of files and folders•
DIRQUOTA File Server Resource Manager Disk quotas
DIRUSE Display disk usage
DISKPART Disk Administration
DISKSHADOW Volume Shadow Copy Service
DISKUSE Show the space used in folders
DISM Deployment Image Servicing and Management
DNSCMD Manage DNS servers
DOSKEY Edit command line, recall commands, and create macros
DriverQuery Display installed device drivers

	DSACLS	Active Directory ACLs
	DSAdd	Add items to Active Directory (user group computer)
	DSGet	View items in Active Directory (user group computer)
	DSQuery	Search Active Directory (user group computer)
	DSMod	Modify items in Active Directory (user group computer)
	DSMove	Move an Active Directory Object
	DSRM	Remove items from Active Directory
	Dsmgmt	Directory Service Management
e		
	ECHO	Display message on screen•
	ENDLOCAL	End localisation of the environment in a batch file•
	ERASE	Delete one or more files•
	EVENTCREATE	Add a message to the Windows event log
	EXIT	Quit the current script/routine and set an errorlevel•
	EXPAND	Uncompress CAB files
	EXPLORER	Open Windows Explorer
	EXTRACT	Uncompress CAB files
f		
	FC	Compare two files
	FIND	Search for a text string in a file
	FINDSTR	Search for strings in files
	FLTMCD	Manage MiniFilter drivers
	FOR /F	Loop command: against a set of files•
	FOR /F	Loop command: against the results of another command•
	FOR	Loop command: all options Files, Directory, List•
	FORFILES	Batch process multiple files
	FORMAT	Format a disk
	FREEDISK	Check free disk space
	FSUTIL	File and Volume utilities
	FTP	File Transfer Protocol
	FTYPE	File extension file type associations•
g		
	GETMAC	Display the Media Access Control (MAC) address
	GOTO	Direct a batch program to jump to a labelled line•
	GPRESULT	Display Resultant Set of Policy information
	GPUPDATE	Update Group Policy settings
h		
	HELP	Online Help
	HOSTNAME	Display the host name of the computer
i		
	icACLS	Change file and folder permissions
	IEXPRESS	Create a self extracting ZIP file archive
	IF	Conditionally perform a command•
	IFMEMBER	Is the current user a member of a group
	IPCONFIG	Configure IP
	INUSE	Replace files that are in use by the OS
l		
	LABEL	Edit a disk label
	LGPO	Local Group Policy Object utility
	LODCTR	Load PerfMon performance counters
	LOGMAN	Manage Performance Monitor logs
	LOGOFF	Log a user off
	LOGTIME	Log the date and time in a file
m		
	MAKECAB	Create .CAB files
	MAPISEND	Send email from the command line
	Manage-BDE	BitLocker Drive Encryption
	MBSAcli	Baseline Security Analyzer

MD	Create a new Directory •
MKLINK	Create a symbolic link (linkd) •
MODE	Configure a system device COM/LPT/CON
MORE	Display output, one screen at a time
MOUNTVOL	Manage a volume mount point
MOVE	Move files from one folder to another•
MOVEUSER	Move a user from one domain to another
MSG	Send a message
MSIEXEC	Microsoft Windows Installer
MSINFO32	System Information
MSTSC	Terminal Server Connection/Remote Desktop Protocol (RDP)

n

NET	Manage network resources
NETDOM	Domain Manager
NETSH	Configure Network Interfaces, Firewall & Remote access
NBTSTAT	Display networking statistics (NetBIOS over TCP/IP)
NETSTAT	Display networking statistics (TCP/IP)
NLSINFO	Display <i>locale</i> information (reskit).
NLTEST	Network Location Test (AD)
NOW	Display the current Date and Time
NSLOOKUP	Name server lookup
NTBACKUP	Windows Backup folders to tape
NTDSUtil	Active Directory Domain Services management
NTRIGHTS	Edit user account rights
NVSPBIND	Modify network bindings

o

OPENFILES	Query or display open files
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p

PATH	Display or set a search path for executable files•
PATHPING	Trace route plus network latency and packet loss
PAUSE	Suspend processing of a batch file•
PERMS	Show permissions for a user
PING	Test a network connection
POPD	Return to a previous directory saved by PUSH•
PORTQRY	Display the status of ports and services
POWERCFG	Configure power settings
PRINT	Print a text file
PRINTBRM	Print queue Backup/Recovery
PRNCNFG	Configure or rename a printer
PRNMNGR	Add, delete, list printers and printer connections
ProcDump	Monitor an application for CPU spikes
PROMPT	Change the command prompt•
PsExec	Execute process remotely
PsFile	Show files opened remotely
PsGetSid	Display the SID of a computer or a user
PsInfo	List information about a system
PsKill	Kill processes by name or process ID
PsList	List detailed information about processes
PsLoggedOn	Who's logged on (locally or via resource sharing)
PsLogList	Event log records
PsPasswd	Change account password
PsPing	Measure network performance
PsService	View and control services
PsShutdown	Shutdown or reboot a computer
PsSuspend	Suspend processes
PUSH•	Save and then change the current directory•

q

QGREP	Search file(s) for lines that match a given pattern
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Query Process / QPROCESS Display processes
Query Session / QWinsta Display all sessions (TS/Remote Desktop)
Query TermServer /QAppSrv List all servers (TS/Remote Desktop)
Query User / QUSER Display user sessions (TS/Remote Desktop)

r

RASDIAL Manage RAS connections
RASPHONE Manage RAS connections
RD Delete a Directory •
RECOVER Recover a damaged file from a defective disk
REG Registry: Read, Set, Export, Delete keys and values
REGEDIT Import or export registry settings
REGSVR32 Register or unregister a DLL
REGINI Change Registry Permissions
REM Record comments (remarks) in a batch file•
REN Rename a file or files•
REPLACE Replace or update one file with another
Reset Session Delete a Remote Desktop Session
RMTSHARE Share a folder or a printer
ROBOCOPY Robust File and Folder Copy
ROUTE Manipulate network routing tables
RUN Start | RUN commands
RUNAS Execute a program under a different user account
RUNDLL32 Run a DLL command (add/remove print connections)

s

SC Service Control
SCHTASKS Schedule a command to run at a specific time
SET Display, set, or remove session environment variables•
SETLOCAL Control the visibility of environment variables•
SetSPN Edit Service Principal Names
SETX Set environment variables
SFC System File Checker
SHARE List or edit a file share or print share
ShellRunAs Run a command under a different user account
SHIFT Shift the position of batch file parameters•
SHORTCUT Create a windows shortcut (.LNK file)
SHUTDOWN Shutdown the computer
SIGCHECK Display file version no. VirusTotal status & timestamp
SLEEP Wait for x seconds
SLMGR Software Licensing Management (Vista/2008)
SORT Sort input
SSH OpenSSH remote login client
START Start a program, command or batch file•
STRINGS Search for ANSI and UNICODE strings in binary files
SUBINACL Edit file and folder Permissions, Ownership and Domain
SUBST Associate a path with a drive letter
SYSMON Monitor and log system activity to the Windows event log
SYSTEMINFO List system configuration

t

TAKEOWN Take ownership of a file
TAR Store, list or extract files in an archive
TASKLIST List running applications and services
TASKKILL End a running process
TELNET Communicate with another host using the TELNET protocol
TIME Display or set the system time•
TIMEOUT Delay processing of a batch file/command
TITLE Set the window title for a CMD.EXE session•
TLIST Task list with full path

TOUCH	Change file timestamps
TRACERT	Trace route to a remote host
TREE	Graphical display of folder structure
TSDISCON	Disconnect a Remote Desktop Session
TSKILL	End a running process
TYPE	Display the contents of a text file•
TypePerf	Write Performance Monitor data to a log file
TZUTIL	Time Zone Utility

v

VER	Display version information•
VERIFY	Verify that files have been saved•
VMConnect	Connect to a Hyper-V Virtual Machine
VOL	Display a disk label•
VSSADMIN	Display volume shadow copy backups + writers/providers.

w

W32TM	Time Service
WAITFOR	Wait for or send a signal
WBADMIN	Windows Backup Admin
WECUTIL	Windows Event Collector Utility
WEVTUTIL	Clear event logs, enable/disable/query logs
WHERE	Locate and display files in a directory tree
WHOAMI	Output the current UserName and domain
WINDIFF	Compare the contents of two files or sets of files
WINRM	Windows Remote Management
WINRS	Windows Remote Shell
WMIC	WMI Commands
WPEUTIL	Run WinPE commands
WPR	Windows Performance Recorder
WUSA	Windows Update Standalone Installer
WUAUCLT	Windows Update

x

XCACLS	Change file and folder permissions
XCOPY	Copy files and folders
::	Comment / Remark•

Commands marked • are *Internal* commands only available within the CMD shell.

All other commands (not marked with •) are *external* commands.

External commands may be used under the CMD shell, **PowerShell**, or directly from **START-RUN**.