A To Z List Of All Windows CMD Commands – HELLPC.NET

Command Prompt in Microsoft Windows is very powerful tool. It's commands provide easy and quick way to perform a task. But learning all it's commands is really tough task itself. So, here is the list of all CMD commands, arranged alphabetically.

A	
ADDUSERS	Add or list users to/from a CSV file
ADmodcmd	Active Directory Bulk Modify
ARP	Address Resolution Protocol
ASSOC	Change file extension associations•
ASSOCIAT	One step file association
AT	Schedule a command to run at a specific time
ATTRIB	Change file attributes
B	
BCDBOOT	Create or repair a system partition
BCDEDIT	Manage Boot Configuration Data
BITSADMIN	Background Intelligent Transfer Service
BOOTCFG	Edit Windows boot settings
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	Utility for certification authority (CA) files and services
CD	Change Directory – move to a specific Folder•
CHANGE	Change Terminal Server Session properties
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
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
D	
DATE	Display or set the date•
DEFRAG	Defragment hard drive

DEL	Delete one or more files•
DELPROF	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
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 for items in 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
E	
ECHO	Display message on screen•
ENDLOCAL	End localization of environment changes 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 error level•
EXPAND	Uncompress CAB files
EXTRACT	Uncompress CAB files
F	

FC	Compare two files
FIND	Search for a text string in a file
FINDSTR	Search for strings in files
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 labeled 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
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
MBSAcli	Baseline Security Analyzer
MEM	Display memory usage
MD	Create new folders•
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)
N	
NET	Manage network resources
NETDOM	Domain Manager
NETSH	Configure Network Interfaces, Windows Firewall & Remote access
NBTSTAT	Display networking statistics (NetBIOS over TCP/IP)
NETSTAT	Display networking statistics (TCP/IP)
NLSINFO	Display locale information (reskit).

NLTEST	Network Location Test (AD)
NOW	Display the current Date and Time
NSLOOKUP	Name server lookup
NTBACKUP	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
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 and display a message•
PERMS	Show permissions for a user
PERFMON	Performance Monitor
PING	Test a network connection
POPD	Return to a previous directory saved by PUSHD•
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
PUSHD	Save and then change the current directory•
Q	
QGREP	Search file(s) for lines that match a given pattern
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
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 by another
Reset Session	Delete a Remote Desktop Session
RD	Delete folder(s)•
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
SLEEP	Wait for x seconds
SLMGR	Software Licensing Management (Vista/2008)
SORT	Sort input
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
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
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
TSSHUTDN	Remotely shut down or reboot a terminal server
TYPE	Display the contents of a text file•
TypePerf	Write performance data to a log file
TZUTIL	Time Zone Utility
V	
VER	Display version information•
VERIFY	Verify that files have been saved•
VOL	Display a disk label•
W	
W32TM	Time Service

WAITFOR	Wait for or send a signal
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
WUAUCLT	Windows Update
X	
XCACLS	Change file and folder permissions
XCOPY	Copy files and folders
::	Comment / Remark•

The commands that are marked with • are Internal commands i.e. these can be run in CMD window only. All other commands are External commands; i. e. can be run in CMD shell, PowerShell, or directly from START-RUN. Enjoy!

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