



A-Z List Of Windows CMD Commands

CMD Commands	Function
A	
addusers	Used to add and list users in a CSV file
admodcmd	Used for bulk modifying contents in an active directory
arp	Address Resolution Protocol is used to map IP address to the hardware address
assoc	Used to change associations for file extensions
associat	One step file association
at	Run a command at a specific time
atmadm	Display connection info of the ATM adapter
attrib	Used to change file attributes
B	
bcdboot	Used to create and repair a system partition
bcdedit	Used to manage boot configuration data
bitsadmin	Used to manage the Background Intelligent Transfer Service
bootcfg	Used to edit boot configuration in Windows
break	Enable/Disable break capability (CTRL+C) in CMD
C	
cacls	Used to change permissions of files
call	Used one batch program to call another
certreq	Used to request a certificate from a certification authority
certutil	Manage Certification Authority files and services
cd	Used to change folder (directory) or go to a specific one
change	Used to change terminal services
chcp	Displays the number of active console code page
chdir	Same as cd command
chkdsk	Used to check and repair issues in the disk
chkntfs	Used to check the NTFS file system
choice	Accept user input (via keyboard) to a batch file
cipher	Used to encrypt/decrypt files and folder
cleanmgr	Used clean temp files and recycle bin automatically
clip	Copy result of any command (stdin) to Windows clipboard
cls	Clear CMD screen
cmd	Used to start a new CMD shell
cmdkey	Used to manage stored usernames and passwords

cmstp	Used to install or remove a connection manager service profile
color	Change the color of the CMD shell using options
comp	Compare contents of two files or two sets of files
compact	Compress files and folders on an NTFS partition
compress	Compress one or more files
convert	Convert a FAT partition to NTFS
copy	Copy one or more files to another location
coreinfo	Show the mapping between logical and physical processors
cprofile	Cleans specified profiles of wasted space and disabled user-specific file associations
cscmd	Configure offline files on a client computer
csvde	Import or Export the data of an active directory

D

date	Used to display the date or change it
defrag	Used to defragment system hard drive
del	Used to delete a file(s)
delprof	Used to delete user profile(s)
deltree	Used to delete a folder and its sub-folders
devcon	Access the command line device manager utility
dir	Used to display files and folders list
dirquota	Manage File Server Resource Manager quotas
diruse	Used to display disk usage
diskcomp	Compare contents of two floppy disks
diskcopy	Copy data of one floppy disk to another
diskpart	Make changes to partitions of storage, both internal and connected
diskshadow	Access the Disk Shadow Copy Service
diskuse	View used space in folder(s)
doskey	Used to edit command line, recall commands, and create macros
driverquery	Display a list of installed device drivers
dsacls	View and edit access control entries for objects in active directory
dsadd	Used to add objects to active directory
dsget	View objects in active directory
dsquery	Find objects in an active directory
dsmod	Used to modify objects in an active directory
dsmove	Rename or move an active directory object.
dsrm	Remove objects from an active directory
dsmgmt	Manage Active Directory Lightweight Directory Services

E

echo	Turn command-echoing feature on/off, display a message on the screen
endlocal	End localization environment changes in a batch file

erase	Used to delete one or more file(s)
eventcreate	Add custom event to Windows event log (Admin rights required)
eventquery	Display list of events and their properties from event logs
eventtriggers	Display and configure event triggers on local and remote machines
exit	Exit the command line (Quit current batch script)
expand	Uncompress one or more .CAB file(s)
explorer	Open Windows Explorer
extract	Uncompress one or more Windows cabinet file(s)
F	
fc	Used to compare two files
find	Used to search a specified text string in a file
findstr	Used to find string patterns in files
finger	Display information about user(s) on a specified remote computer
flattemp	Used to enable/disable flat temporary folders
For	Run a command in a loop for a file(s) for defined parameter
forfiles	Used for batch processing of selected file(s)
format	Used to format a disk
freedisk	Used to check free space on a disk
fsutil	File system utility to manage file and drive properties
ftp	Use FTP service to transfer files from one PC to another
ftype	Display/ Modify file extension type associations
G	
getmac	Used to display the MAC address of your network adapter
goto	Used to direct a batch program to a line identified by a label
gpresult	Display Group Policy Settings and Resultant Set of Policy for a user
gpupdate	Update local and active directory based on group policy settings
graftabl	Turn on the ability to display an extended character in graphics mode
H	
help	Display a list of commands and see online information for them
hostname	Used to display host name of the computer
I	
icacls	Used to change permissions of files and folders
iexpress	Used to create a self-extracting zip archive
if	Used for conditional processing in batch programs
ifmember	Display the group(s) an active user belongs to
inuse	Replace the files which the OS is currently using (restart required)

ipconfig	Display and change Windows IP configuration
ipseccmd	Used to configure IP Security policies
ipxroute	Display and modify routing table information used by IPX protocol
irftp	Used to send files over an infrared link (infrared functionality required)

L

label	Used to change the name of a disk
lodctr	Update registry values with latest performance counters
logman	Used to manage performance monitor logs
logoff	Log a user off
logtime	Add the date, time, and a message to a text file
lpq	Displays print queue status
lpr	Used to send a file to a computer running the Line Printer Daemon service

M

macfile	Manage files server for Mackintosh
makecab	Used to create .cab files
mapisend	Used to send email from command line
mbsacl	Microsoft Baseline Security Analyser
mem	Used to show memory usage
md	Used to create directories and sub-directories
mkdir	Used to create directories and sub-directories
mklink	Used to create symbolic link to a directory
mmc	Access Microsoft Management Console
mode	Configure COM, LPT, CON system devices
more	Display one screen of output at time
mountvol	Create, list, or delete a volume mount point
move	Used to move files from one folder to another
moveuser	Move user account to a domain or between machines
msg	Used to send a pop-up message to a user
msiexec	Install, modify, configure using Windows Installer
msinfo32	Display system information
mstsc	Create a remote desktop connection

N

nbstat	Display NetBIOS over TCP/IP information
net	Used to manage network resources and services
netdom	Network Domain Manager utility
netsh	Display or modify network configuration
netstat	Display active TCP/IP connections
nlsinfo	Used to display locale information
nltest	List domain controllers, force remote shutdown, etc
now	Display date and time
nslookup	Check IP address on a Name Server

ntbackup	Backup data to tape using CMD or batch file
ntcmdprompt	Runs cmd.exe instead of command.exe in an MS-DOS application
ntdsutil	Manage Active Directory Domain Services
ntrights	Used to edit user account privileges
ntsd	Only for system developers
nvspbind	Used to modify network bindings
O	
openfiles	Queries or displays open files
P	
pagefileconfig	Display and configure Virtual memory settings
path	Set PATH environment variable for executable files
pathping	Latency and Packet loss info for each node in the network path
pause	Used to stop processing of a batch file
pbadmin	Starts Phone Book Administrator
pentnt	Detect Floating Point Division error in the Pentium chip
perfmon	Access performance monitor in CMD
perms	Display a user\'s ACL permissions for a file
ping	Test network connection to a computer
popd	Go to the latest path/folder stored by PUSHK command
portqry	Display TCP and UDP port status
powercfg	Used to configure power settings and know battery health
print	Used to print a text file(s) from CMD
printbrm	For backup/recovery/migration of the print queue
prncnfg	Used to configure/rename a printing device
prndrvr	List/add/delete printer drivers
prnjobs	List/pause/resume/cancel print jobs
prnmngr	List/add/delete printers, display/set default printer
prnport	List/create/delete TCP printer ports, display/change port configuration
prnqctl	Clear printer queue, print a test page
procdump	Monitor system for CPU spikes, generate a crash report during a spike
prompt	Used to change the Prompt in CMD
psexec	Run a CMD process on a remote computer
psfile	Display remotely opened files, close an open file
psinfo	List system information about a local/remote machine
pskill	Kill a process(es) using its name or process ID
pslist	Display process status and info about active processes
psloggedon	See active users on machine
psloglist	Display event log records
pspasswd	Used to change account password
psping	Used to measure network performance

psservice	Display and control services on a machine
pssshutdown	Shutdown/restart/logoff/lock a local or remote machine
pssuspend	Used to suspend a process on a local or remote computer
pushd	Change current folder and store previous folder for use by POPD

Q

qgrep	Search file(s) for a given string pattern
query process or qprocess	Display information about processes

R

rasdial	Display Remote Access Service Status
rasphone	Manage RAS connections
rcp	Copy files to a computer running remote shell service
recover	Recover readable data from a defective disk
reg	Display/add/change registry keys and values in Windows registry
regedit	Import/export/delete settings from a .reg text file
regsvr32	Used to register/unregister a DLL file
regini	Used to change registry permissions
relog	Export performance counters to other formats like TSV, CSV, SQL
rem	Add comments in batch file
ren	Used to rename a file(s)
replace	Used to replace a file with another file of same name
reset session	Used to reset a remote desktop session
rexec	Run commands on remote machines running Rexec service
rd	Used to delete a folder(s)
rmdir	Used to delete a folder(s)
rmtshare	Manage file and printer shares local or remote servers
robocopy	Used to copy files and folders that have changed
route	Display/change the local IP routing table
rsh	Run commands on remote servers running RSH service
rsm	Manage media resources using Removable storage
runas	Run a program as a different user
rundll32	Used to run a DLL program

S

sc	Use Service Controller to manage Windows services
schtasks	Schedule command(s) to run at a specific time
secedit	Configure system security
set	Display/set/remove environment variables in CMD
setlocal	Control visibility of environment variables in a batch file
setspn	Manage Service Principal Names for an Active Directory service account
setx	Set Environment Variables permanently

sfc	System File Checker
share	List/edit a file share or print on any computer
shellrunas	Used to run a command as a different user
shift	Change the position of the batch parameters in a batch file
shortcut	Create a Windows shortcut
shutdown	Shutdown the computer
sleep	Put computer to sleep for specified number of seconds
slmgr	Software Licensing Management tool for activation and KMS
sort	Used to sort and display a redirected or piped input
start	Start a program, command, or batch file
strings	Find ANSI and UNICODE strings in binary files
subinacl	Display/modify ACEs for file and folder permissions
subst	Associate a path with a drive letter
sysmon	Monitor and log system activity to Windows event log
systeminfo	Display detailed configuration information about the computer

T

takeown	Used to take the ownership of a file
taskkill	Used to terminate one or more running processes
tasklist	Display a list of running apps and services.
tcmsetup	Enable/disable TAPI client
telnet	Communicate with a remote machine using TELNET protocol
tftp	Transfer files to and from a remote machine running TFTP protocol
time	Display/change system time
timeout	Delay a batch file execution for specified seconds
title	Change the text on top of CMD window
touch	Change file timestamps
tracert	Process event trace logs and generate trace analysis report
tracert	Trace route to a remote host by sending ICMP request messages
tree	Display a folder structure in the form of a graphical tree
tsdiscon	Terminate a remote desktop connection
tskill	Terminate a running process on a RD Session Host server
tssutdn	Shutdown/reboot a terminal server remotely
type	Show contents of a text file
typeperf	Write performance data to a CMD window or a log file
tzutil	Time Zone Utility

U

unlodctr	Remove performance counter names and explain text for a service from the registry
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V

ver	Show version number of installed OS
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verify Verify whether files are saved correctly on the disk
vol Show disk volume label and serial number
vssadmin Show shadow copy backups, installed shadow copy writers and providers

W

w32tm Access Windows Time Service Utility
waitfor Used to synchronize events between networked computer(s)
wevtutil Retrieve information about event logs and publishers
where Find and display file(s) in the current directory
whoami Display information about the active user
windiff Compare contents of two files or sets of files
winrm Windows Remote Management
winrs Windows Remote Shell
wmic Windows Management Instrumentation Command
wuauctl Windows Update Agent to download new update files

X

xcalcs Change ACLs for files and folders
xcopy Copy files or directory trees to another folder
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