Here is a summary of some useful commands:

| **Command (Windows)** | **Command (Mac OS / Linux)** | **Description** | **Example** |
| --- | --- | --- | --- |
| exit | exit | close the window | **exit** |
| cd | cd | change directory | **cd test** |
| cd | pwd | show the current directory | **cd** (Windows) or **pwd** (Mac OS / Linux) |
| dir | ls | list directories/files | **dir** |
| copy | cp | copy file | **copy c:\test\test.txt c:\windows\test.txt** |
| move | mv | move file | **move c:\test\test.txt c:\windows\test.txt** |
| mkdir | mkdir | create a new directory | **mkdir testdirectory** |
| rmdir (or del) | rm | delete a file | **del c:\test\test.txt** |
| rmdir /S | rm -r | delete a directory | **rm -r testdirectory** |
| [CMD] /? | man [CMD] | get help for a command | **cd /?** (Windows) or **man cd** (Mac OS / Linux) |

Bovenkant formulier

Onderkant formulier

An A-Z Index of the Windows CMD command line

[ADDUSERS](https://ss64.com/nt/addusers.html) Add or list users to/from a CSV file

[ADmodcmd](https://ss64.com/nt/admodcmd.html) Active Directory Bulk Modify

[ARP](https://ss64.com/nt/arp.html) Address Resolution Protocol

[ASSOC](https://ss64.com/nt/assoc.html) Change file extension associations•

[ATTRIB](https://ss64.com/nt/attrib.html) Change file attributes

b

[BCDBOOT](https://ss64.com/nt/bcdboot.html) Create or repair a system partition

[BCDEDIT](https://ss64.com/nt/bcdedit.html) Manage Boot Configuration Data

[BITSADMIN](https://ss64.com/nt/bitsadmin.html) Background Intelligent Transfer Service

[BROWSTAT](https://ss64.com/nt/browstat.html) Get domain, browser and PDC info

c

[CACLS](https://ss64.com/nt/cacls.html) Change file permissions

[CALL](https://ss64.com/nt/call.html) Call one batch program from another•

[CERTREQ](https://ss64.com/nt/certreq.html) Request certificate from a certification authority

[CERTUTIL](https://ss64.com/nt/certutil.html) Utility for certification authority (CA) files and services

[CD](https://ss64.com/nt/cd.html) Change Directory - move to a specific Folder•

[CHANGE](https://ss64.com/nt/change.html) Change Terminal Server Session properties

[CHCP](https://ss64.com/nt/chcp.html) Change the active console Code Page

[CHKDSK](https://ss64.com/nt/chkdsk.html) Check Disk - check and repair disk problems

[CHKNTFS](https://ss64.com/nt/chkntfs.html) Check the NTFS file system

[CHOICE](https://ss64.com/nt/choice.html) Accept keyboard input to a batch file

[CIPHER](https://ss64.com/nt/cipher.html) Encrypt or Decrypt files/folders

[CleanMgr](https://ss64.com/nt/cleanmgr.html) Automated cleanup of Temp files, recycle bin

[CLIP](https://ss64.com/nt/clip.html) Copy STDIN to the Windows clipboard

[CLS](https://ss64.com/nt/cls.html) Clear the screen•

[CMD](https://ss64.com/nt/cmd.html) Start a new CMD shell

[CMDKEY](https://ss64.com/nt/cmdkey.html) Manage stored usernames/passwords

[COLOR](https://ss64.com/nt/color.html) Change colors of the CMD window•

[COMP](https://ss64.com/nt/comp.html) Compare the contents of two files or sets of files

[COMPACT](https://ss64.com/nt/compact.html) Compress files or folders on an NTFS partition

[COMPRESS](https://ss64.com/nt/compress.html) Compress one or more files

[CONVERT](https://ss64.com/nt/convert.html) Convert a FAT drive to NTFS

[COPY](https://ss64.com/nt/copy.html) Copy one or more files to another location•

[Coreinfo](https://ss64.com/nt/coreinfo.html) Show the mapping between logical & physical processors

[CSCcmd](https://ss64.com/nt/csccmd.html) Client-side caching (Offline Files)

[CSVDE](https://ss64.com/nt/csvde.html) Import or Export Active Directory data

d

[DATE](https://ss64.com/nt/date.html) Display or set the date•

[DEFRAG](https://ss64.com/nt/defrag.html) Defragment hard drive

[DEL](https://ss64.com/nt/del.html) Delete one or more files•

[DELPROF](https://ss64.com/nt/delprof.html) Delete user profiles

[DELTREE](https://ss64.com/nt/deltree.html) Delete a folder and all subfolders

[DevCon](https://ss64.com/nt/devcon.html) Device Manager Command Line Utility

[DIR](https://ss64.com/nt/dir.html) Display a list of files and folders•

DIRQUOTA File Server Resource Manager Disk quotas

[DIRUSE](https://ss64.com/nt/diruse.html) Display disk usage

[DISKPART](https://ss64.com/nt/diskpart.html) Disk Administration

[DISKSHADOW](https://ss64.com/nt/diskshadow.html) Volume Shadow Copy Service

[DISKUSE](https://ss64.com/nt/diskuse.html) Show the space used in folders

[DISM](https://ss64.com/nt/dism.html) Deployment Image Servicing and Management

[DNSCMD](https://ss64.com/nt/dnscmd.html) Manage DNS servers

[DOSKEY](https://ss64.com/nt/doskey.html) Edit command line, recall commands, and create macros

[DriverQuery](https://ss64.com/nt/driverquery.html) Display installed device drivers

[DSACLs](https://ss64.com/nt/dsacls.html) Active Directory ACLs

[DSAdd](https://ss64.com/nt/dsadd.html) Add items to active directory ([user](https://ss64.com/nt/dsadd-user.html) [group](https://ss64.com/nt/dsadd-group.html) [computer](https://ss64.com/nt/dsadd-computer.html))

[DSGet](https://ss64.com/nt/dsget.html) View items in active directory ([user](https://ss64.com/nt/dsget-user.html) [group](https://ss64.com/nt/dsget-group.html) [computer](https://ss64.com/nt/dsget-computer.html))

[DSQuery](https://ss64.com/nt/dsquery.html) Search for items in active directory ([user](https://ss64.com/nt/dsquery-user.html) [group](https://ss64.com/nt/dsquery-group.html) [computer](https://ss64.com/nt/dsquery-computer.html))

[DSMod](https://ss64.com/nt/dsmod.html) Modify items in active directory ([user](https://ss64.com/nt/dsmod-user.html) [group](https://ss64.com/nt/dsmod-group.html) [computer](https://ss64.com/nt/dsmod-computer.html))

[DSMove](https://ss64.com/nt/dsmove.html) Move an Active directory Object

[DSRM](https://ss64.com/nt/dsrm.html) Remove items from Active Directory

Dsmgmt Directory Service Management

e

[ECHO](https://ss64.com/nt/echo.html) Display message on screen•

[ENDLOCAL](https://ss64.com/nt/endlocal.html) End localisation of environment changes in a batch file•

[ERASE](https://ss64.com/nt/del.html) Delete one or more files•

[EVENTCREATE](https://ss64.com/nt/eventcreate.html) Add a message to the Windows event log

[EXIT](https://ss64.com/nt/exit.html) Quit the current script/routine and set an errorlevel•

[EXPAND](https://ss64.com/nt/expand.html) Uncompress CAB files

[EXPLORER](https://ss64.com/nt/explorer.html) Open Windows Explorer

[EXTRACT](https://ss64.com/nt/extract.html) Uncompress CAB files

f

[FC](https://ss64.com/nt/fc.html) Compare two files

[FIND](https://ss64.com/nt/find.html) Search for a text string in a file

[FINDSTR](https://ss64.com/nt/findstr.html) Search for strings in files

[FLTMC](https://ss64.com/nt/fltmc.html) Manage MiniFilter drivers

[FOR /F](https://ss64.com/nt/for_f.html) Loop command: against a set of files•

[FOR /F](https://ss64.com/nt/for_cmd.html) Loop command: against the results of another command•

[FOR](https://ss64.com/nt/for.html) Loop command: all options Files, Directory, List•

[FORFILES](https://ss64.com/nt/forfiles.html) Batch process multiple files

[FORMAT](https://ss64.com/nt/format.html) Format a disk

[FREEDISK](https://ss64.com/nt/freedisk.html) Check free disk space

[FSUTIL](https://ss64.com/nt/fsutil.html) File and Volume utilities

[FTP](https://ss64.com/nt/ftp.html) File Transfer Protocol

[FTYPE](https://ss64.com/nt/ftype.html) File extension file type associations•

g

[GETMAC](https://ss64.com/nt/getmac.html) Display the Media Access Control (MAC) address

[GOTO](https://ss64.com/nt/goto.html) Direct a batch program to jump to a labelled line•

[GPRESULT](https://ss64.com/nt/gpresult.html) Display Resultant Set of Policy information

[GPUPDATE](https://ss64.com/nt/gpupdate.html) Update Group Policy settings

h

[HELP](https://ss64.com/nt/help.html) Online Help

[HOSTNAME](https://ss64.com/nt/hostname.html) Display the host name of the computer

i

[iCACLS](https://ss64.com/nt/icacls.html) Change file and folder permissions

[IEXPRESS](https://ss64.com/nt/iexpress.html) Create a self extracting ZIP file archive

[IF](https://ss64.com/nt/if.html) Conditionally perform a command•

[IFMEMBER](https://ss64.com/nt/ifmember.html) Is the current user a member of a group

[IPCONFIG](https://ss64.com/nt/ipconfig.html) Configure IP

[INUSE](https://ss64.com/nt/inuse.html) Replace files that are in use by the OS

l

[LABEL](https://ss64.com/nt/label.html) Edit a disk label

[LGPO](https://ss64.com/nt/lgpo.html) Local Group Policy Object utility

[LODCTR](https://ss64.com/nt/lodctr.html) Load PerfMon performance counters

[LOGMAN](https://ss64.com/nt/logman.html) Manage Performance Monitor logs

[LOGOFF](https://ss64.com/nt/logoff.html) Log a user off

[LOGTIME](https://ss64.com/nt/logtime.html) Log the date and time in a file

m

[MAKECAB](https://ss64.com/nt/makecab.html) Create .CAB files

[MAPISEND](https://ss64.com/nt/mapisend.html) Send email from the command line

[MBSAcli](https://ss64.com/nt/mbsacli.html) Baseline Security Analyzer

[MEM](https://ss64.com/nt/mem.html) Display memory usage

[MD](https://ss64.com/nt/md.html) Create new folders•

[MKLINK](https://ss64.com/nt/mklink.html) Create a symbolic link (linkd) •

[MODE](https://ss64.com/nt/mode.html) Configure a system device COM/LPT/CON

[MORE](https://ss64.com/nt/more.html) Display output, one screen at a time

[MOUNTVOL](https://ss64.com/nt/mountvol.html) Manage a volume mount point

[MOVE](https://ss64.com/nt/move.html) Move files from one folder to another•

[MOVEUSER](https://ss64.com/nt/moveuser.html) Move a user from one domain to another

[MSG](https://ss64.com/nt/msg.html) Send a message

[MSIEXEC](https://ss64.com/nt/msiexec.html) Microsoft Windows Installer

[MSINFO32](https://ss64.com/nt/msinfo32.html) System Information

[MSTSC](https://ss64.com/nt/mstsc.html) Terminal Server Connection (Remote Desktop Protocol)

n

[NET](https://ss64.com/nt/net.html) Manage network resources

[NETDOM](https://ss64.com/nt/netdom.html) Domain Manager

[NETSH](https://ss64.com/nt/netsh.html) Configure Network Interfaces, Windows Firewall & Remote access

[NBTSTAT](https://ss64.com/nt/nbtstat.html) Display networking statistics (NetBIOS over TCP/IP)

[NETSTAT](https://ss64.com/nt/netstat.html) Display networking statistics (TCP/IP)

NLSINFO Display [locale](https://ss64.com/locale.html) information (reskit).

[NLTEST](https://ss64.com/nt/nltest.html) Network Location Test (AD)

[NOW](https://ss64.com/nt/now.html) Display the current Date and Time

[NSLOOKUP](https://ss64.com/nt/nslookup.html) Name server lookup

[NTBACKUP](https://ss64.com/nt/ntbackup.html) Windows Backup folders to tape

[NTDSUtil](https://ss64.com/nt/ntdsutil.html) Active Directory Domain Services management

[NTRIGHTS](https://ss64.com/nt/ntrights.html) Edit user account rights

[NVSPBIND](https://ss64.com/nt/nvspbind.html) Modify network bindings

o

[OPENFILES](https://ss64.com/nt/openfiles.html) Query or display open files

p

[PATH](https://ss64.com/nt/path.html) Display or set a search path for executable files•

[PATHPING](https://ss64.com/nt/pathping.html) Trace route plus network latency and packet loss

[PAUSE](https://ss64.com/nt/pause.html) Suspend processing of a batch file and display a message•

[PERMS](https://ss64.com/nt/perms.html) Show permissions for a user

[PERFMON](https://ss64.com/nt/monitor.html) Performance Monitor

[PING](https://ss64.com/nt/ping.html) Test a network connection

[POPD](https://ss64.com/nt/popd.html) Return to a previous directory saved by PUSHD•

[PORTQRY](https://ss64.com/nt/portqry.html) Display the status of ports and services

[POWERCFG](https://ss64.com/nt/powercfg.html) Configure power settings

[PRINT](https://ss64.com/nt/print.html) Print a text file

[PRINTBRM](https://ss64.com/nt/printbrm.html) Print queue Backup/Recovery

[PRNCNFG](https://ss64.com/nt/prncnfg.html) Configure or rename a printer

[PRNMNGR](https://ss64.com/nt/prnmngr.html) Add, delete, list printers and printer connections

[ProcDump](https://ss64.com/nt/procdump.html) Monitor an application for CPU spikes

[PROMPT](https://ss64.com/nt/prompt.html) Change the command prompt•

[PsExec](https://ss64.com/nt/psexec.html) Execute process remotely

[PsFile](https://ss64.com/nt/psfile.html) Show files opened remotely

[PsGetSid](https://ss64.com/nt/psgetsid.html) Display the SID of a computer or a user

[PsInfo](https://ss64.com/nt/psinfo.html) List information about a system

[PsKill](https://ss64.com/nt/pskill.html) Kill processes by name or process ID

[PsList](https://ss64.com/nt/pslist.html) List detailed information about processes

[PsLoggedOn](https://ss64.com/nt/psloggedon.html) Who's logged on (locally or via resource sharing)

[PsLogList](https://ss64.com/nt/psloglist.html) Event log records

[PsPasswd](https://ss64.com/nt/pspasswd.html) Change account password

[PsPing](https://ss64.com/nt/psping.html) Measure network performance

[PsService](https://ss64.com/nt/psservice.html) View and control services

[PsShutdown](https://ss64.com/nt/psshutdown.html) Shutdown or reboot a computer

[PsSuspend](https://ss64.com/nt/pssuspend.html) Suspend processes

[PUSHD](https://ss64.com/nt/pushd.html) Save and then change the current directory•

q

[QGREP](https://ss64.com/nt/qgrep.html) Search file(s) for lines that match a given pattern

[Query Process / QPROCESS](https://ss64.com/nt/query-process.html) Display processes

[Query Session / QWinsta](https://ss64.com/nt/query-session.html) Display all sessions (TS/Remote Desktop)

[Query TermServer /QAppSrv](https://ss64.com/nt/query-termserver.html) List all servers (TS/Remote Desktop)

[Query User / QUSER](https://ss64.com/nt/query-user.html) Display user sessions (TS/Remote Desktop)

r

[RASDIAL](https://ss64.com/nt/rasdial.html) Manage RAS connections

[RASPHONE](https://ss64.com/nt/rasphone.html) Manage RAS connections

[RD](https://ss64.com/nt/rd.html) Delete folder(s)•

[RECOVER](https://ss64.com/nt/recover.html) Recover a damaged file from a defective disk

[REG](https://ss64.com/nt/reg.html) Registry: Read, Set, Export, Delete keys and values

[REGEDIT](https://ss64.com/nt/regedit.html) Import or export registry settings

[REGSVR32](https://ss64.com/nt/regsvr32.html) Register or unregister a DLL

[REGINI](https://ss64.com/nt/regini.html) Change Registry Permissions

[REM](https://ss64.com/nt/rem.html) Record comments (remarks) in a batch file•

[REN](https://ss64.com/nt/ren.html) Rename a file or files•

[REPLACE](https://ss64.com/nt/replace.html) Replace or update one file with another

[Reset Session](https://ss64.com/nt/reset-session.html) Delete a Remote Desktop Session

[RMTSHARE](https://ss64.com/nt/rmtshare.html) Share a folder or a printer

[ROBOCOPY](https://ss64.com/nt/robocopy.html) Robust File and Folder Copy

[ROUTE](https://ss64.com/nt/route.html) Manipulate network routing tables

[RUN](https://ss64.com/nt/run.html) [Start | RUN](https://ss64.com/nt/run.html) commands

[RUNAS](https://ss64.com/nt/runas.html) Execute a program under a different user account

[RUNDLL32](https://ss64.com/nt/rundll32.html) Run a DLL command (add/remove print connections)

s

[SC](https://ss64.com/nt/sc.html) Service Control

[SCHTASKS](https://ss64.com/nt/schtasks.html) Schedule a command to run at a specific time

[SET](https://ss64.com/nt/set.html) Display, set, or remove session environment variables•

[SETLOCAL](https://ss64.com/nt/setlocal.html) Control the visibility of environment variables•

[SetSPN](https://ss64.com/nt/setspn.html) Edit Service Principal Names

[SETX](https://ss64.com/nt/setx.html) Set environment variables

[SFC](https://ss64.com/nt/sfc.html) System File Checker

[SHARE](https://ss64.com/nt/share.html) List or edit a file share or print share

[ShellRunAs](https://ss64.com/nt/shellrunas.html) Run a command under a different user account

[SHIFT](https://ss64.com/nt/shift.html) Shift the position of batch file parameters•

[SHORTCUT](https://ss64.com/nt/shortcut.html) Create a windows shortcut (.LNK file)

[SHUTDOWN](https://ss64.com/nt/shutdown.html) Shutdown the computer

[SIGCHECK](https://ss64.com/nt/sigcheck.html) Display file version no. VirusTotal status & timestamp

[SLEEP](https://ss64.com/nt/sleep.html) Wait for x seconds

[SLMGR](https://ss64.com/nt/slmgr.html) Software Licensing Management (Vista/2008)

[SORT](https://ss64.com/nt/sort.html) Sort input

[START](https://ss64.com/nt/start.html) Start a program, command or batch file•

[STRINGS](https://ss64.com/nt/strings.html) Search for ANSI and UNICODE strings in binary files

[SUBINACL](https://ss64.com/nt/subinacl.html) Edit file and folder Permissions, Ownership and Domain

[SUBST](https://ss64.com/nt/subst.html) Associate a path with a drive letter

[SYSMON](https://ss64.com/nt/sysmon.html) Monitor and log system activity to the Windows event log

[SYSTEMINFO](https://ss64.com/nt/systeminfo.html) List system configuration

t

[TAKEOWN](https://ss64.com/nt/takeown.html) Take ownership of a file

[TASKLIST](https://ss64.com/nt/tasklist.html) List running applications and services

[TASKKILL](https://ss64.com/nt/taskkill.html) End a running process

[TELNET](https://ss64.com/nt/telnet.html) Communicate with another host using the TELNET protocol

[TIME](https://ss64.com/nt/time.html) Display or set the system time•

[TIMEOUT](https://ss64.com/nt/timeout.html) Delay processing of a batch file/command

[TITLE](https://ss64.com/nt/title.html) Set the window title for a CMD.EXE session•

[TLIST](https://ss64.com/nt/tlist.html) Task list with full path

[TOUCH](https://ss64.com/nt/touch.html) Change file timestamps

[TRACERT](https://ss64.com/nt/tracert.html) Trace route to a remote host

[TREE](https://ss64.com/nt/tree.html) Graphical display of folder structure

[TSDISCON](https://ss64.com/nt/tsdiscon.html) Disconnect a Remote Desktop Session

[TSKILL](https://ss64.com/nt/tskill.html) End a running process

[TYPE](https://ss64.com/nt/type.html) Display the contents of a text file•

[TypePerf](https://ss64.com/nt/typeperf.html) Write performance data to a log file

[TZUTIL](https://ss64.com/nt/tzutil.html) Time Zone Utility

v

[VER](https://ss64.com/nt/ver.html) Display version information•

[VERIFY](https://ss64.com/nt/verify.html) Verify that files have been saved•

[VMConnect](https://ss64.com/nt/vmconnect.html) Connect to a Hyper-V Virtual Machine

[VOL](https://ss64.com/nt/vol.html) Display a disk label•

[VSSADMIN](https://ss64.com/nt/vssadmin.html) Display volume shadow copy backups and shadow copy writers/providers.

w

[W32TM](https://ss64.com/nt/w32tm.html) Time Service

[WAITFOR](https://ss64.com/nt/waitfor.html) Wait for or send a signal

[WBADMIN](https://ss64.com/nt/wbadmin.html) Windows Backup Admin

[WECUTIL](https://ss64.com/nt/wecutil.html) Windows Event Collector Utility

[WEVTUTIL](https://ss64.com/nt/wevtutil.html) Clear event logs, enable/disable/query logs

[WHERE](https://ss64.com/nt/where.html) Locate and display files in a directory tree

[WHOAMI](https://ss64.com/nt/whoami.html) Output the current UserName and domain

[WINDIFF](https://ss64.com/nt/windiff.html) Compare the contents of two files or sets of files

[WINRM](https://ss64.com/nt/winrm.html) Windows Remote Management

[WINRS](https://ss64.com/nt/winrs.html) Windows Remote Shell

[WMIC](https://ss64.com/nt/wmic.html) WMI Commands

[WPEUTIL](https://ss64.com/nt/wpeutil.html) Run WinPE commands

[WPR](https://ss64.com/nt/wpr.html) Windows Performance Recorder

[WUSA](https://ss64.com/nt/wusa.html) Windows Update Standalone Installer

[WUAUCLT](https://ss64.com/nt/wuauclt.html) Windows Update

x

[XCACLS](https://ss64.com/nt/xcacls.html) Change file and folder permissions

[XCOPY](https://ss64.com/nt/xcopy.html) Copy files and folders

[::](https://ss64.com/nt/rem.html) Comment / Remark•