## Complete list of CMD commands for Windows



The Command Prompt in Windows provides access to over 280 commands. These commands are used to do certain operating system tasks from a command-line interpreter instead of the graphical Windows interface we use most of the time.

For example, Command Prompt commands let you copy data to a different folder, format an entire disk, back up your files, send messages to other computers, restart your own computer, and *much* more. There are also several Command Prompt tricks and hacks that utilize some of these commands.

## **CMD** Commands

Below is a complete list of Command Prompt commands, often called CMD commands (and sometimes incorrectly as Command Prompt codes), available from the Command Prompt in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Since these commands work within the context of Command Prompt, you have to open Command Prompt to utilize them.

It's important to know that the commands in Windows 10, 8, 7, Vista, and XP are called *CMD* commands or Command Prompt commands, and the commands in Windows 98/95 and MS-DOS are called *DOS* commands. We've included all of them in this list to help show changes in commands from operating system to operating system.

# **Command Prompt Commands List**

#### Command Prompt Commands.

As mentioned above, we've also included DOS commands from MS-DOS and early versions of Windows:

Press **Ctrl+F** while using a desktop browser for a quick way to find more information about a specific command or to look for a particular keyword in this table.

Full List of Command Prompt Commands						
Command	Description					
Append	The append command can be used by programs to open files in another					
	directory as if they were located in the current directory. The append					
	command is available in MS-DOS as well as in all 32-bit versions of					
	Windows. The append command is not available in 64-bit versions of					
	Windows.					
Arp	The arp command is used to display or change entries in the ARP cache. The arp command is available in all versions of Windows.					
Assoc	The assoc command is used to display or change the file type associated with					
	a particular file extension. The assoc command is available in Windows 10,					
	Windows 8, Windows 7, Windows Vista, and Windows XP.					
At	The at command is used to schedule commands and other programs to run at a					
	specific date and time. The at command is available in Windows 7, Windows					
	Vista, and Windows XP. Beginning in Windows 8, command line task					
	scheduling should instead be completed with the schtasks command					
Atmadm	The atmadm command is used to display information related to asynchronous					
	transfer mode (ATM) connections on the system. The atmadm command is					
	available in Windows XP. Support for ATM was removed beginning in					
	Windows Vista, making the atmadm command unnecessary.					
Attrib	The attrib command is used to change the attributes of a single file or a					
	directory. The attrib command is available in all versions of Windows, as well					
	as in MS-DOS.					

**Full List of Command Prompt Commands** 

Auditpol The auditpol command is used to display or change audit policies. The

auditpol command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Bedboot The bedboot command is used to copy boot files to the system partition and to

create a new system BCD store. The bcdboot command is available in

Windows 10, Windows 8, and Windows 7.

Bededit The bededit command is used to view or make changes to Boot Configuration

Data. The bededit command is available in Windows 10, Windows 8,

Windows 7, and Windows Vista. The bcdedit command replaced the bootcfg

command beginning in Windows Vista.

Bdehdcfg The bdehdcfg command is used to prepare a hard drive for BitLocker Drive

Encryption. The bdehdcfg command is available in Windows 10, Windows 8,

and Windows 7.

Bitsadmin The bitsadmin command is used to create, manage, and monitor download and

upload jobs. The bitsadmin command is available in Windows 8, Windows 7, and Windows Vista. While the bitsadmin command is available in both Windows 8 and Windows 7, it is being phased out. The BITS PowerShell

cmdlets should be used instead.

Bootcfg The bootcfg command is used to build, modify, or view the contents of the

boot.ini file, a hidden file that is used to identify in what folder, on which partition, and on which hard drive Windows is located. The bootcfg command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The bootcfg command was replaced by the bededit command beginning in Windows Vista. Bootcfg is still available in Windows 10, 8, 7, and Vista, but it serves no real value since boot.ini is not used in these

operating systems.

Break

Bootsect The bootsect command is used to configure the master boot code to one

compatible with BOOTMGR (Vista and later) or NTLDR (XP and earlier). The bootsect command is available in Windows 10 and Windows 8. The bootsect command is also available in Windows 7 and Windows Vista but only from the Command Prompt available in System Recovery Options.

The break command sets or clears extended CTRL+C checking on DOS

systems. The break command is available in all versions of Windows, as well as in MS-DOS. The break command is available in Windows XP and later versions of Windows to provide compatibility with MS-DOS files but it has

no effect in Windows itself.

Cacls The cacls command is used to display or change access control lists of files.

The cacls command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The cacls command is being phased out in favor of the icacls command, which should be used instead in all versions of

Windows after Windows XP.

Call The call command is used to run a script or batch program from within

another script or batch program. The call command is available in all versions of Windows, as well as in MS-DOS. The call command has no effect outside

Full	List	of	Command	<b>Prompt</b>	<b>Commands</b>
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of a script or batch file. In other words, running the call command at the

Command Prompt or MS-DOS prompt will do nothing.

Cd The cd command is the shorthand version of the chdir command. The cd

command is available in all versions of Windows, as well as in MS-DOS.

Certreq The certreq command is used to perform various certification authority (CA)

certificate functions. The certreq command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

Certutil The certutil command is used to dump and display certification authority (CA)

configuration information in addition to other CA functions. The certutil command is available in Windows 10, Windows 8, Windows 7, and Windows

Vista.

Change The change command changes various terminal server settings like install

modes, COM port mappings, and logons. The change command is available in

Windows 10, Windows 8, Windows 7, and Windows Vista.

Chcp The chcp command displays or configures the active code page number. The

chep command is available in all versions of Windows, as well as in MS-DOS.

Chdir The chdir command is used to display the drive letter and folder that you are

currently in. Chdir can also be used to change the drive and/or directory that you want to work in. The chdir command is available in all versions of

Windows, as well as in MS-DOS.

Checknetisolation The checknetisolation command is used to test apps that require network

capabilities. The checknetisolation command is available in Windows 10 and

Windows 8.

Chglogon The chglogon command enables, disables, or drains terminal server session

logins. The chglogon command is available in Windows 10, Windows 8, Windows 7, and Windows Vista. Executing the chglogon command is the

same as executing *change logon*.

Chapport The chapport command can be used to display or change COM port mappings

for DOS compatibility. The chaport command is available in Windows 10, Windows 8, Windows 7, and Windows Vista. Executing the chaport command

is the same as executing *change port*.

Chgusr The chgusr command is used to change the install mode for the terminal

server. The chgusr command is available in Windows 10, Windows 8,

Windows 7, and Windows Vista. Executing the chgusr command is the same

as executing change user.

Chkdsk The chkdsk command, often referred to as check disk, is used to identify and

correct certain hard drive errors. The chkdsk command is available in all

versions of Windows, as well as in MS-DOS.

Chkntfs The chkntfs command is used to configure or display the checking of the disk

drive during the Windows boot process. The chkntfs command is available in

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Choice The choice command is used within a script or batch program to provide a list

of choices and return the value of that choice to the program. The choice command is available in MS-DOS and all versions of Windows except

#### **Full List of Command Prompt Commands**

Windows XP. Use the set command with the /p switch in place of the choice command in batch files and scripts that you plan to use in Windows XP. The cipher command shows or changes the encryption status of files and

folders on NTFS partitions. The cipher command is available in Windows 10.

Windows 8, Windows 7, Windows Vista, and Windows XP.

Clip The clip command is used to redirect the output from any command to the

clipboard in Windows. The clip command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

Cls The cls command clears the screen of all previously entered commands and

other text. The cls command is available in all versions of Windows, as well

as in MS-DOS.

Cipher

Cmd The cmd command starts a new instance of the cmd.exe command interpreter.

The cmd command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

The cmdkey command is used to show, create, and remove stored user names Cmdkey

and passwords. The cmdkey command is available in Windows 10, Windows

8, Windows 7, and Windows Vista.

The cmstp command installs or uninstalls a Connection Manager service Cmstp

profile. The cmstp command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Color The color command is used to change the colors of the text and background

> within the Command Prompt window. The color command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Command The command command starts a new instance of the command.com command

> interpreter. The command command is available in MS-DOS as well as in all 32-bit versions of Windows. The command command is not available in 64-bit

versions of Windows.

Comp The comp command is used to compare the contents of two files or sets of

files. The comp command is available in Windows 10, Windows 8, Windows

7, Windows Vista, and Windows XP.

The compact command is used to show or change the compression state of Compact

files and directories on NTFS partitions. The compact command is available in

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

The convert command is used to convert FAT or FAT32 formatted volumes to Convert

the NTFS format. The convert command is available in Windows 10.

Windows 8, Windows 7, Windows Vista, and Windows XP.

Copy The copy command does simply that — it copies one or more files from one

location to another. The copy command is available in all versions of

Windows, as well as in MS-DOS. The xcopy command is considered to be a

more "powerful" version of the copy command.

Cscript The escript command is used to execute scripts via Microsoft Script Host. The

escript command is available in all versions of Windows. The escript

command is most popularly used to manage printers from the command line

using scripts like prncnfg.vbs, prndrvr.vbs, prnmngr.vbs, and others.

**Full List of Command Prompt Commands** 

Ctty The ctty command is used to change the default input and output devices for

the system. The ctty command is available in Windows 98 and 95 as well as in

MS-DOS. The functions provided by the ctty command were no longer necessary beginning in Windows XP because the command.com interpreter

(MS-DOS) is no longer the default command line interpreter.

Date The date command is used to show or change the current date. The date

command is available in all versions of Windows, as well as in MS-DOS.

Dblspace The dblspace command is used to create or configure DoubleSpace

compressed drives. The dblspace command is available in Windows 98 and

95, as well as in MS-DOS. DriveSpace, executed using the dryspace

command, is an updated version of DoubleSpace. Windows began handling

compression beginning in Windows XP.

Debug The debug command starts Debug, a command line application used to test

and edit programs. The debug command is available in MS-DOS as well as in all 32-bit versions of Windows. The debug command is not available in 64-bit

versions of Windows.

Defrag The defrag command is used to defragment a drive you specify. The defrag

command is the command line version of Microsoft's Disk Defragmenter. The

defrag command is available in all versions of Windows, as well as in

MS-DOS.

Del The del command is used to delete one or more files. The del command is

available in all versions of Windows, as well as in MS-DOS. The del

command is the same as the erase command.

Deltree The deltree command is used to delete a directory and all the files and

subdirectories within it. The deltree command is available in Windows 98 and 95, as well as in MS-DOS. Beginning in Windows XP, a folder and its files and subfolders can be removed using the /s function of the rmdir command. Deltree was no longer needed with this new rmdir ability so the command was

emoved

Diantz The diantz command is used to losslessly compress one or more files. The

diantz command is sometimes called Cabinet Maker. The diantz command is

available in Windows 7, Windows Vista, and Windows XP. The diantz

command is the same as the makecab command.

Dir The dir command is used to display a list of files and folders contained inside

the folder that you are currently working in. The dir command also displays other important information like the hard drive's serial number, the total number of files listed, their combined size, the total amount of free space left on the drive, and more. The dir command is available in all versions of

Windows, as well as in MS-DOS.

Diskcomp The diskcomp command is used to compare the contents of two floppy disks.

The diskcomp command is available in all versions of Windows, as well as in

MS-DOS, with the exclusion of Windows 10.

Diskcopy The diskcopy command is used to copy the entire contents of one floppy disk

to another. The diskcopy command is available in all versions of Windows, as

well as in MS-DOS, with the exclusion of Windows 10.

**Full List of Command Prompt Commands** 

Diskpart The diskpart command is used to create, manage, and delete hard drive

partitions. The diskpart command is available in Windows 8, Windows 7, Windows Vista, and Windows XP. The diskpart command replaced the fdisk

command beginning in Windows XP.

Diskperf The diskperf command is used to manage disk performance counters remotely.

The diskperf command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Diskraid The diskraid command starts the DiskRAID tool which is used to manage and

configure RAID arrays. The diskraid command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

Dism The dism command starts the Deployment Image Servicing and Management

tool (DISM). The DISM tool is used to manage features in Windows images. The dism command is available in Windows 10, Windows 8, and Windows 7.

Dispdiag The dispdiag command is used to output a log of information about the

display system. The dispdiag command is available in Windows 10, Windows

8, Windows 7, and Windows Vista.

Djoin The djoin command is used to create a new computer account in a domain.

The djoin command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Doskey The doskey command is used to edit command lines, create macros, and recall

previously entered commands. The doskey command is available in all

versions of Windows, as well as in MS-DOS.

Dosshell The dosshell command starts DOS Shell, a graphical file management tool for

MS-DOS. The dosshell command is available in Windows 95 (in MS-DOS mode) and also in MS-DOS version 6.0 and later MS-DOS versions that were upgraded from previous versions that contained the dosshell command. A graphical file manager, Windows Explorer, became an integrated part of the

operating system beginning in Windows 95.

Dosx The dosx command is used to start DOS Protected Mode Interface (DPMI), a

special mode designed to give MS-DOS applications access to more than the normally allowed 640 KB. The dosx command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP. The dosx

command is not available in 64-bit versions of Windows. The dosx command and DPMI is only available in Windows to support older MS-DOS programs.

Driverquery The driverquery command is used to show a list of all installed drivers. The

driverquery command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Dryspace The dryspace command is used to create or configure DriveSpace compressed

drives. The drvspace command is available in Windows 98 and 95, as well as in MS-DOS. DriveSpace is an updated version of DoubleSpace, executed using the dblspace command. Windows began handling compression

beginning in Windows XP.

Echo The echo command is used to show messages, most commonly from within

script or batch files. The echo command can also be used to turn the echoing

#### **Full List of Command Prompt Commands**

feature on or off. The echo command is available in all versions of Windows,

as well as in MS-DOS.

Edit The edit command starts the MS-DOS Editor tool which is used to create and

modify text files. The edit command is available in MS-DOS as well as in all 32-bit versions of Windows. The edit command is not available in 64-bit

versions of Windows.

Edlin The edlin command starts the Edlin tool which is used to create and modify

text files from the command line. The edlin command is available in all 32-bit versions of Windows but is not available in 64-bit versions of Windows. In MS-DOS, the edlin command is only available up to MS-DOS 5.0, so unless your later version of MS-DOS was upgraded from 5.0 or prior, you won't see

the edlin command.

Emm386 The emm386 command is used to give MS-DOS access to more than 640 KB

of memory (RAM). The emm386 command is available in Windows 98 and 95, as well as in MS-DOS. Windows itself has access to extended and

expanded memory beginning in Windows 95.

Endlocal The endlocal command is used to end the localization of environment changes

inside a batch or script file. The endlocal command is available in Windows

10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Erase The erase command is used to delete one or more files. The erase command is

available in all versions of Windows, as well as in MS-DOS. The erase

command is the same as the del command.

Esentutl The esentutl command is used to manage Extensible Storage Engine

databases. The esentutl command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Eventcreate The eventcreate command is used to create a custom event in an event log.

The eventcreate command is available in Windows 10, Windows 8, Windows

7, Windows Vista, and Windows XP.

Eventtriggers The eventtriggers command is used to configure and display event triggers.

The eventtriggers command is available in Windows XP. Beginning in

Windows Vista, event triggers are created using the Attach Task To This Event

feature in Event Viewer, making the eventtriggers command unnecessary.

Exe2bin The exe2bin command is used to convert a file of the EXE file type

(executable file) to a binary file. The exe2bin command is available in 32-bit

versions of Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP. The exe2bin command is not available in any 64-bit version of

Windows.

Exit The exit command is used to end the cmd.exe (Windows) or command.com

(MS-DOS) session that you're currently working in. The exit command is

available in all versions of Windows, as well as in MS-DOS.

Expand The expand command is used to extract the files and folders contained in

Microsoft Cabinet (CAB) files. The expand command is available in MS-DOS as well as in all versions of Windows. The expand command is not available

in the 64-bit version of Windows XP.

#### **Full List of Command Prompt Commands**

Extrac32 The extrac32 command is used to extract the files and folders contained in

Microsoft Cabinet (CAB) files. The extrac32 command is available in all versions of Windows. The extrac32 command is actually a CAB extraction program for use by Internet Explorer but can be used to extract any Microsoft Cabinet file. Use the expand command instead of the extrac32 command if

possible.

Extract The extract command is used to extract the files and folders contained in

Microsoft Cabinet (CAB) files. The extract command is available in Windows

98 and 95. The extract command was replaced by the expand command

beginning in Windows XP.

Fasthelp The fasthelp command provides more detailed information on any of the other

MS-DOS commands. The fasthelp command is only available in MS-DOS.

The help command replaced the fasthelp command beginning in Windows 95.

Fastopen The fastopen command is used to add a program's hard drive location to a

special list stored in memory, potentially improving the program's launch time by removing the need for MS-DOS to locate the application on the drive. The fastopen command is available in MS-DOS as well as in all 32-bit versions of

Windows. The fastopen command is not available in 64-bit versions of Windows. Fastopen is only available in Windows 10, Windows 8, 7, Vista,

and XP to support older MS-DOS files.

Fc The fc command is used to compare two individual or sets of files and then

show the differences between them. The fc command is available in all

versions of Windows, as well as in MS-DOS.

Fdisk The fdisk command is used to create, manage, and delete hard drive partitions.

The fdisk command is available in Windows 98 and 95, as well as in MS-DOS. The fdisk command was replaced by the diskpart command beginning in Windows XP. Partition management is also available from Disk

Management in Windows 10, 8, 7, Vista, and XP.

Find The find command is used to search for a specified text string in one or more

files. The find command is available in all versions of Windows, as well as in

MS-DOS.

Findstr The findstr command is used to find text string patterns in one or more files.

The findstr command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Finger The finger command is used to return information about one or more users on

a remote computer that's running the Finger service. The finger command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Fltmc The fltmc command is used to load, unload, list, and otherwise manage Filter

drivers. The fltmc command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Fondue The fondue command, short for Features on Demand User Experience Tool, is

used to install any of the several optional Windows features from the

command line. The fondue command is available in Windows 8. Optional

#### **Full List of Command Prompt Commands**

Windows features can also be installed from the Programs and

Features applet in Control Panel.

For The for command is used to run a specified command for each file in a set of

files. The for command is most often used within a batch or script file. The for

command is available in all versions of Windows, as well as in MS-DOS.

Forcedos The forcedos command is used to start the specified program in the MS-DOS

subsystem. The forcedos command is only available in 32-bit versions of Windows XP. The forcedos command is only used for MS-DOS programs that

are not recognized as such by Windows XP.

Forfiles The forfiles command selects one or more files to execute a specified

command on. The forfiles command is most often used within a batch or script file. The forfiles command is available in Windows 10, Windows 8, Windows

7, and Windows Vista.

Format The format command is used to format a drive in the file system that you

specify. The format command is available in all versions of Windows, as well as in MS-DOS. Drive formatting is also available from Disk Management in

Windows 10, 8, 7, Vista, and XP.

Fsutil The fsutil command is used to perform various FAT and NTFS file system

tasks like managing reparse points and sparse files, dismounting a volume, and extending a volume. The fsutil command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP.

Ftp The ftp command can be used to transfer files to and from another computer.

The remote computer must be operating as an FTP server. The ftp command is

available in all versions of Windows.

Ftype The ftype command is used to define a default program to open a specified file

type. The ftype command is available in Windows 10, Windows 8, Windows

7. Windows Vista, and Windows XP.

Getmac The getmac command is used to display the media access control (MAC)

address of all the network controllers on a system. The getmac command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Goto The goto command is used in a batch or script file to direct the command

process to a labeled line in the script. The goto command is available in all

versions of Windows, as well as in MS-DOS.

Gpresult The gpresult command is used to display Group Policy settings. The gpresult

command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Gpupdate The gpupdate command is used to update Group Policy settings. The gpupdate

command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Graftabl The graftabl command is used to enable the ability of Windows to display an

extended character set in graphics mode. The graftabl command is available in

all versions of Windows and in MS-DOS up to version 5.0. The graftabl

command is not available in 64-bit versions of Windows.

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Graphics The graphics command is used to load a program that can print graphics. The

graphics command is available in MS-DOS as well as in all 32-bit versions of

Windows. The graphics command is not available in 64-bit versions of

Windows.

Help The help command provides more detailed information on any of the other

Command Prompt or MS-DOS commands. The help command is available in

all versions of Windows, as well as in MS-DOS.

Hostname The hostname command displays the name of the current host. The hostname

command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Hwrcomp The hwrcomp command is used to compile custom dictionaries for

handwriting recognition. The hwrcomp command is available in Windows 8

and Windows 7.

Hwrreg The hwrreg command is used to install a previously compiled custom

dictionary for handwriting recognition. The hwrreg command is available in

Windows 8 and Windows 7.

Icacls The icacls command is used to display or change access control lists of files.

The icacls command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista. The icacls command is an updated version of the cacls

command.

If The if command is used to perform conditional functions in a batch file. The if

command is available in all versions of Windows, as well as in MS-DOS.

Interlnk The interlnk command is used to connect two computers via a serial or

parallel connection to share files and printers. The interlnk command is only available in MS-DOS. The ability to directly connect two computers is

available in Mis-Dos. The ability to directly connect two computers

handled by the networking functions in all versions of Windows.

Intersyr The intersyr command is used to start the Interlnk server and to copy Interlnk

files from one computer to another. The intersvr command is only available in MS-DOS. The ability to directly connect two computers is handled by the

networking functions in all versions of Windows.

Ipconfig The ipconfig command is used to display detailed IP information for each

network adapter utilizing TCP/IP. The ipconfig command can also be used to release and renew IP addresses on systems configured to receive them via a DHCP server. The ipconfig command is available in all versions of

Windows

Ipxroute The ipxroute command is used to display and change information about IPX

routing tables. The ipxroute command is available in Windows XP. Microsoft removed their built-in NetWare client beginning in Windows Vista, removing

the associated ipxroute command as well.

Irftp The irftp command is used to transmit files over an infrared link. The irftp

command is available in Windows 8, Windows 7, and Windows Vista.

Iscsicli The iscsicli command starts the Microsoft iSCSI Initiator, used to manage

iSCSI. The iscsicli command is available in Windows 10, Windows 8,

Windows 7, and Windows Vista.

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Kb16 The kb16 command is used to support MS-DOS files that need to configure

a keyboard for a specific language. The kb16 command is available in

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The kb16 command is not available in 64-bit versions of Windows. The kb16 command replaced the keyb command beginning in Windows XP but only

exists to support older MS-DOS files.

Keyb The keyb command is used to configure a keyboard for a specific language.

The keyb command is available in Windows 98 and 95, as well as in

MS-DOS. See the kb16 command for an equivalent command in later versions

of Windows. Keyboard language settings are handled by the Region and Language or Regional and Language Options (depending on the version of Windows) Control Panel applets in Windows beginning in Windows XP.

Klist The klist command is used to list Kerberos service tickets. The klist command

can also be used to purge Kerberos tickets. The klist command is available in

Windows 10, Windows 8 and Windows 7.

Ksetup The ksetup command is used to configure connections to a Kerberos server.

The ksetup command is available in Windows 10, Windows 8 and Windows 7.

Ktmutil The ktmutil command starts the Kernel Transaction Manager utility. The

ktmutil command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Label The label command is used to manage the volume label of a disk. The label

command is available in all versions of Windows, as well as in MS-DOS.

Lh The lh command is the shorthand version of the loadhigh command. The lh

command is available in Windows 98 and 95, as well as in MS-DOS.

Licensingdiag The licensingdiag command is a tool used to generate a text-based log and

other data files that contain product activation and other Windows licensing information. The licensingdiag command is available in Windows 10 and

Windows 8.

Loadfix The loadfix command is used to load the specified program in the first 64K of

memory and then runs the program. The loadfix command is available in MS-DOS as well as in all 32-bit versions of Windows. The loadfix command

is not available in 64-bit versions of Windows.

Loadhigh The loadhigh command is used to load a program into high memory and is

usually used from within the autoexec.bat file. The loadhigh command is available in Windows 98 and 95, as well as in MS-DOS. Memory usage is

handled automatically beginning in Windows XP.

Lock The lock command is used to lock a drive, enabling direct disk access for a

program. The lock command is only available in Windows 98 and 95. Drive

locking is no longer available as of Windows XP.

Lodctr The lodctr command is used to update registry values related to performance

counters. The lodctr command is available in all versions of Windows.

Logman The logman command is used to create and manage Event Trace Session and

Performance logs. The logman command also supports many functions of Performance Monitor. The logman command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP.

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Logoff The logoff command is used to terminate a session. The logoff command is

available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Lpq The lpq command displays the status of a print queue on a computer running

Line Printer Daemon (LPD). The lpq command is available in all versions of Windows. The lpq command is not available by default in Windows 10, 8, 7, or Vista, but can be enabled by turning on the LPD Print Service and LPR Port

Monitor features from Programs and Features in Control Panel.

Lpr The lpr command is used to send a file to a computer running Line Printer

Daemon (LPD). The lpr command is available in all versions of Windows. The lpr command is not available by default in Windows 10, 8, 7, or Vista, but can be enabled by turning on the LPD Print Service and LPR Port Monitor

features from Programs and Features in Control Panel.

Makecab The makecab command is used to losslessly compress one or more files. The

makecab command is sometimes called Cabinet Maker. The makecab command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The makecab command is the same as the diantz

command, a command that was removed after Windows 7.

Manage-bde The manage-bde command is used to configure BitLocker Drive Encryption

from the command line. The manage-bde command is available in Windows 10, Windows 8, and Windows 7. A script by the name of manage-bde.wsf exists in Windows Vista and can be used with the cscript command to perform

BitLocker tasks from the command line in that operating system.

Md The md command is the shorthand version of the mkdir command. The md

command is available in all versions of Windows, as well as in MS-DOS.

Mem The mem command shows information about used and free memory areas and

programs that are currently loaded into memory in the MS-DOS subsystem. The mem command is available in MS-DOS as well as in all 32-bit versions of Windows. The mem command is not available in 64-bit versions of Windows.

The memmaker command is used to start MemMaker, a memory optimization

tool. The memaker command is available in Windows 98 and 95, as well as in MS-DOS. Memory usage is automatically optimized beginning in Windows

XP.

Memmaker

Mkdir The mkdir command is used to create a new folder. The mkdir command is

available in all versions of Windows, as well as in MS-DOS.

Mklink The mklink command is used to create a symbolic link. The mklink command

is available in Windows 10, Windows 8, Windows 7, and Windows Vista.

Mode The mode command is used to configure system devices, most often COM

and LPT ports. The mode command is available in all versions of Windows, as

well as in MS-DOS.

Mofcomp The mofcomp command properly displays the data within a Managed Object

Format (MOF) file. The mofcomp command is available in all versions of

Windows.

More The more command is used to display the information contained in a text file.

The more command can also be used to paginate the results of any other

#### **Full List of Command Prompt Commands**

Command Prompt or MS-DOS command. The more command is available in

all versions of Windows, as well as in MS-DOS.

Mount The mount command is used to mount Network File System (NFS) network

shares. The mount command is available in Windows 7 and Windows Vista.

The mount command is not available by default in Windows Vista or

Windows 7 but can be enabled by turning on the Services for NFS Windows feature from Programs and Features in Control Panel. The mount command is not available in Windows 10 or 8 because Service for UNIX (SFU) was

discontinued.

Mountvol The mountvol command is used to display, create, or remove volume mount

points. The mountvol command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

The move command is used to move one or files from one folder to another. Move

The move command is also used to rename directories. The move command is

available in all versions of Windows, as well as in MS-DOS.

Mrinfo The mrinfo command is used to provide information about a router's interfaces

and neighbors. The mrinfo command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Msav The msav command starts Microsoft Antivirus. The msav command is only

available in MS-DOS. Microsoft Antivirus was designed for MS-DOS and Windows 3.x only. Microsoft provides an optional virus protection suite called Microsoft Security Essentials for Windows XP and later operating systems,

and third party antivirus tools are available for all versions of Windows.

Msbackup The msbackup command starts Microsoft Backup, a tool used to back up and

> restore one or more files. The msbackup command is only available in MS-DOS. The msbackup command was replaced with Microsoft Backup beginning in Windows 95 and then Backup and Restore in later versions of

Windows.

Mscdex The mscdex command is used to provide CD-ROM access to MS-DOS. The

> mscdex command is available in Windows 98 and 95, as well as in MS-DOS. Windows provides access to CD-ROM drives for the MS-DOS subsystem beginning in Windows XP, so the mscdex command is unnecessary in this and

later operating systems.

Msd The msd command starts Microsoft Diagnostics, a system information tool.

The msd command is only available in MS-DOS. The msd command was

replaced with System Information beginning in Windows 95.

The msg command is used to send a message to a user. The msg command is Msg

available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Msiexec The msiexec command is used to start Windows Installer, a tool used to install

and configure software. The msiexec command is available in Windows 10.

Windows 8, Windows 7, Windows Vista, and Windows XP.

The muiunattend command starts the Multilanguage User Interface unattended Muiunattend

setup process. The muiunattend command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

**Full List of Command Prompt Commands** 

Nbtstat The nbtstat command is used to show TCP/IP information and other statistical

information about a remote computer. The nbtstat command is available in all

versions of Windows.

Net The net command is used to display, configure, and correct a wide variety of

network settings. The net command is available in all versions of Windows.

Net1 The net1 command is used to display, configure, and correct a wide variety of

network settings. The net1 command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The net command should be used instead of the net1 command. The net1 command was made available in Windows NT and Windows 2000 as a temporary fix for a Y2K issue that the net command had, which was corrected before the release of Windows XP.

The net1 command remains in later versions of Windows only for

compatibility with older programs and scripts that utilized the command.

Netcfg The netcfg command is used to install the Windows Preinstallation

Environment (WinPE), a lightweight version of Windows used to deploy workstations. The netcfg command is available in Windows 10, Windows 8,

Windows 7, and Windows Vista.

Netsh The netsh command is used to start Network Shell, a command-line utility

used to manage the network configuration of the local, or a remote, computer. The netsh command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Netstat The netstat command is most commonly used to display all open network

connections and listening ports. The netstat command is available in all

versions of Windows.

Nfsadmin The nfsadmin command is used to manage Server for NFS or Client for NFS

from the command line. The nfsadmin command is available in Windows 7 and Windows Vista. The nfsadmin command is not available by default in Windows Vista or Windows 7 but can be enabled by turning on the Services for NFS Windows feature from Programs and Features in Control Panel. The nfsadmin command is not available in Windows 10 or 8 because Service for

UNIX (SFU) was discontinued.

Nlsfunc The nlsfunc command is used to load information specific to a particular

country or region. The nlsfunc command is available in MS-DOS as well as in all 32-bit versions of Windows. The nlsfunc command is not available in 64-bit versions of Windows. Nlsfunc is only available in Windows 10, 8, 7,

Vista, and XP to support older MS-DOS files.

Nltest The nltest command is used to test secure channels between Windows

computers in a domain and between domain controllers that are trusting other domains. The nltest command is available in Windows 10, Windows 8, and

Windows 7.

Nslookup The nslookup is most commonly used to display the hostname of an entered IP

address. The nslookup command queries your configured DNS server to discover the IP address. The nslookup command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP.

**Full List of Command Prompt Commands** 

Ntbackup The ntbackup command is used to perform various backup functions from the

Command Prompt or from within a batch or script file. The ntbackup

command is available in Windows XP. The ntbackup command was replaced

with the wbadmin beginning in Windows Vista.

Ntsd The ntsd command is used to perform certain command line debugging tasks.

The ntsd command is available in Windows XP. The ntsd command was removed beginning in Windows Vista due to the addition of dump file support

in Task Manager.

Ocsetup The ocsetup command starts the Windows Optional Component Setup tool,

used to install additional Windows features. The ocsetup command is available in Windows 8, Windows 7, and Windows Vista. Beginning in Windows 8, Microsoft is depreciating the ocsetup command in favor of the

dism command.

Openfiles The openfiles command is used to display and disconnect open files and

folders on a system. The openfiles command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP.

Path The path command is used to display or set a specific path available to

executable files. The path command is available in all versions of Windows, as

well as in MS-DOS.

Pathping The pathping command functions much like the tracert command but will also

report information about network latency and loss at each hop. The pathping command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Pause The pause command is used within a batch or script file to pause the

processing of the file. When the pause command is used, a "Press any key to continue..." message displays in the command window. The pause command

is available in all versions of Windows, as well as in MS-DOS.

Pentnt The pentnt command is used to detect floating point division errors in the Intel

Pentium chip. The pentnt command is also used to enable floating point emulation and disable floating point hardware. The pentnt command is available in Windows XP. The pentnt command was removed beginning in Windows Vista due to the lack of Intel Pentium CPU use at the time of this

operating system release.

Ping The ping command sends an Internet Control Message Protocol (ICMP) Echo

Request message to a specified remote computer to verify IP-level

connectivity. The ping command is available in all versions of Windows.

Pkgmgr The pkgmgr command is used to start the Windows Package Manager from

the Command Prompt. Package Manager installs, uninstalls, configures, and updates features and packages for Windows. The pkgmgr command is

available in Windows 10, Windows 8, Windows 7, and Windows Vista.

Propunation The propunation of hardware The propunation of hardware

device drivers. The prpunattend command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

**Full List of Command Prompt Commands** 

Proputil The proputil command is used to start the Microsoft PnP Utility, a tool used to

install a Plug and Play device from the command line. The pnputil command is available in Windows 10, Windows 8, Windows 7, and Windows Vista.

Popd The popd command is used to change the current directory to the one most

recently stored by the pushd command. The popd command is most often utilized from within a batch or script file. The popd command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Power The power command is used to reduce the power consumed by a computer by

monitoring software and hardware devices. The power command is available in Windows 98 and 95, as well as in MS-DOS. The power command was replaced by operating system integrated power management functions

beginning in Windows XP.

Powercfg The powercfg command is used to manage the Windows power management

settings from the command line. The powercfg command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Print The print command is used to print a specified text file to a specified printing

device. The print command is available in all versions of Windows, as well as

in MS-DOS.

Prompt The prompt command is used to customize the appearance of the prompt text

in Command Prompt or MS-DOS. The prompt command is available in all

versions of Windows, as well as in MS-DOS.

Pushd The pushd command is used to store a directory for use, most commonly from

within a batch or script program. The pushd command is available in Windows 10. Windows 2. Windows 7. Windows Victor and Windows VI

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Pwlauncher The pwlauncher command is used to enable, disable, or show the status of

your Windows To Go startup options. The pwlauncher command is available

in Windows 10 and 8.

Qappsrv The qappsrv command is used to display all Remote Desktop Session Host

servers available on the network. The qappsrv command is available in Windows 10. Windows 8. Windows 7. Windows Vista, and Windows XP.

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Obasic The gbasic command starts OBasic, the MS-DOS based programming

environment for the BASIC programming language. The qbasic command is available in Windows 98 and 95, as well as in MS-DOS. The qbasic command is not installed by default with Windows 98 or 95 but is available from the

installation disc or disks.

Qprocess The qprocess command is used to display information about running

processes. The approcess command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Query The query command is used to display the status of a specified service. The

query command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Quser The guser command is used to display information about users currently

logged on to the system. The guser command is available in Windows 10,

Windows 8, Windows 7, and Windows Vista.

<b>Full List of Command</b>	<b>Prompt</b>	<b>Commands</b>
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Qwinsta The gwinsta command is used to display information about open Remote

Desktop Sessions. The qwinsta command is available in Windows 10,

Windows 8, Windows 7, Windows Vista, and Windows XP.

Rasautou The rasautou command is used to manage Remote Access Dialer AutoDial

addresses. The rasautou command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Rasdial The rasdial command is used to start or end a network connection for a

Microsoft client. The rasdial command is available in Windows 10, Windows

8, Windows 7, Windows Vista, and Windows XP.

Rcp The rcp command is used to copy files between a Windows computer and a

system running the rshd daemon. The rcp command is available in Windows 7, Windows Vista, and Windows XP. The rcp command is not available by default in Windows Vista or Windows 7 but can be enabled by turning on the Subsystem for UNIX-based Applications Windows feature from Programs and

Features in Control Panel and then installing the Utilities and SDK for UNIX-based Applications available here for Windows Vista and here for Windows 7. The rcp command is not available in Windows 10 or 8 because

Service for UNIX (SFU) was discontinued.

Rd The rd command is the shorthand version of the rmdir command. The rd

command is available in all versions of Windows, as well as in MS-DOS.

Rdpsign The rdpsign command is used to sign a Remote Desktop Protocol (RDP) file.

The rdpsign command is available in Windows 7.

Reagentc The reagentc command is used to configure the Windows Recovery

Environment (RE). The reagentc command is available in Windows 10,

Windows 8, and Windows 7.

Recimg The recimg command is used to create a custom refresh image. The recimg

command is available in Windows 8.

Recover The recover command is used to recover readable data from a bad or defective

disk. The recover command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Reg The reg command is used to manage the Windows Registry from the

command line. The reg command can perform common registry functions like adding registry keys, exporting the registry, etc. The reg command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Regini The regini command is used to set or change registry permissions and registry

values from the command line. The regini command is available in Windows

10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Register-cimprovi The register-cimprovider command is used to register a Common Information

der Model (CIM) Provider in Windows. The register-cimprovider command is

available in Windows 10 and Windows 8.

Regsvr32 The regsvr32 command is used to register a DLL file as a command

component in the Windows Registry. The regsvr32 command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

**Full List of Command Prompt Commands** 

Relog The relog command is used to create new performance logs from data in

existing performance logs. The relog command is available in Windows

10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Rem The rem command is used to record comments or remarks in a batch or script

file. The rem command is available in all versions of Windows, as well as in

MS-DOS.

Ren The ren command is the shorthand version of the rename command. The ren

command is available in all versions of Windows, as well as in MS-DOS.

Rename The rename command is used to change the name of the individual file that

you specify. The rename command is available in all versions of Windows, as

well as in MS-DOS.

Repair-bde The repair-bde command is used to repair or decrypt a damaged drive that's

been encrypted using BitLocker. The repair-bde command is available in

Windows 10, Windows 8, and Windows 7.

Replace The replace command is used to replace one or more files with one or more

other files. The replace command is available in all versions of Windows, as

well as in MS-DOS.

Reset The reset command, executed as *reset session*, is used to reset the session

subsystem software and hardware to known initial values. The reset command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Restore The restore command is used to restore files that were backed up using the

backup command. The restore command is only available in MS-DOS. The backup command was only available up to MS-DOS 5.00 but the restore command was included by default with later versions of MS-DOS to provide a

way to restore files that were backed up in previous versions of MS-DOS.

Rexec The rexec command is used to run commands on remote computers running

the rexec daemon. The rexec command is available in Windows Vista and Windows XP. The rsh command is not available by default in Windows Vista but can be enabled by turning on the Subsystem for UNIX-based Applications Windows feature from Programs and Features in Control Panel and then installing the Utilities and SDK for UNIX-based Applications available here. The rexec command is not available in Windows 7 but can be executed in

Windows XP via Windows XP Mode if need be.

Rmdir The rmdir command is used to delete an existing or completely empty folder.

The rmdir command is available in all versions of Windows, as well as in

MS-DOS.

Robocopy The robocopy command is used to copy files and directories from one location

to another. This command is also called Robust File Copy. The robocopy command is available in Windows 10, Windows 8, Windows 7, and Windows Vista. The robocopy command is superior to both the copy command and the

xcopy command because robocopy supports many more options.

Route The route command is used to manipulate network routing tables. The route

command is available in all versions of Windows.

#### **Full List of Command Prompt Commands**

**Rpcinfo** The rpcinfo command makes a remote procedure call (RPC) to an RPC server

and reports what it finds. The rpcinfo command is available in Windows 7 and Windows Vista. The rpcinfo command is not available by default in Windows Vista or Windows 7 but can be enabled by turning on the Services for NFS Windows feature from Programs and Features in Control Panel. The rpcinfo command is not available in Windows 8 because Service for UNIX (SFU) was

discontinued.

**Rpcping** The rpcping command is used to ping a server using RPC. The rpcping

command is available in Windows 10, Windows 8, Windows 7, and Windows

Vista.

The rsh command is used to run commands on remote computers running the

rsh daemon. The rsh command is available in Windows 7, Windows Vista, and Windows XP. The rsh command is not available by default in Windows Vista

or Windows 7 but can be enabled by turning on the Subsystem for

UNIX-based Applications Windows feature from Programs and Features in Control Panel and then installing the Utilities and SDK for UNIX-based Applications available here for Windows Vista and here for Windows 7. The rsh command is not available in Windows 10 or 8 because Service for UNIX

(SFU) was discontinued.

The rsm command is used to manage media resources using Removable

Storage. The rsm command is available in Windows Vista and Windows XP. The rsm command was optional in Windows Vista and then removed in Windows 7 due to Removable Storage Manager being removed from the operating system. Search for the rsm command in the C:\Windows\winsxs folder in Windows Vista if you're having trouble executing the command.

The runas command is used to execute a program using another user's

credentials. The runas command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

**Rwinsta** The rwinsta command is the shorthand version of the reset session command.

The rwinsta command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

The sc command is used to configure information about services. The sc

command communicates with the Service Control Manager. The sc command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Scandisk The scandisk command is used to start Microsoft ScanDisk, a disk repair

> program. The scandisk command is available in Windows 98 and 95, as well as in MS-DOS. The scandisk command was replaced by the chkdsk command

beginning in Windows XP.

The scanreg command starts Windows Registry Checker, a basic registry Scanreg

repair program and backup utility. The scanreg command is available in Windows 98 and Windows 95. The functions provided by the scanneg

command were no longer necessary beginning in Windows XP due to changes

in how the Windows Registry functions.

Rsh

Rsm

Runas

Sc

**Full List of Command Prompt Commands** 

Schtasks The schtasks command is used to schedule specified programs or commands

to run at certain times. The schtasks command can be used to create, delete, query, change, run, and end scheduled tasks. The schtasks command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Sdbinst The sdbinst command is used to deploy customized SDB database files. The

sdbinst command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Secedit The secedit command is used to configure and analyze system security by

comparing the current security configuration to a template. The secedit command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Set The set command is used to display, enable, or disable environment

variables in MS-DOS or from the Command Prompt. The set command is

available in all versions of Windows, as well as in MS-DOS.

Setlocal The setlocal command is used to start the localization of environment changes

inside a batch or script file. The setlocal command is available in Windows

10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Setspn The setspn command is used to manage the Service Principal Names (SPN)

for an Active Directory (AD) service account. The setspn command is

available in Windows 10, Windows 8, and Windows 7.

Setver The setver command is used to set the MS-DOS version number that MS-DOS

reports to a program. The setver command is available in MS-DOS as well as in all 32-bit versions of Windows. The setver command is not available in

64-bit versions of Windows.

Setx The setx command is used to create or change environment variables in the

user environment or the system environment. The setx command is available

in Windows 10, Windows 8, Windows 7, and Windows Vista.

Sfc The sfc command is used to verify and replace important Windows system

files. The sfc command is also referred to as System File Checker or Windows Resource Checker, depending on the operating system. The sfc command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Shadow The shadow command is used to monitor another Remote Desktop Services

session. The shadow command is available in Windows 7, Windows Vista,

and Windows XP.

Share The share command is used to install file locking and file sharing functions in

MS-DOS. The share command is available in MS-DOS as well as in all 32-bit versions of Windows. The share command is not available in 64-bit versions of Windows. Share is only available in Windows 10, 8, 7, Vista, and XP to

support older MS-DOS files.

Shift The shift command is used to change the position of replaceable parameters in

a batch or script file. The shift command is available in all versions of

Windows, as well as in MS-DOS.

#### **Full List of Command Prompt Commands**

Showmount The showmount command is used to display information about NFS mounted

file systems. The showmount command is available in Windows 7 and Windows Vista. The showmount command is not available by default in Windows Vista or Windows 7 but can be enabled by turning on the Services for NFS Windows feature from Programs and Features in Control Panel. The showmount command is not available in Windows 10 or 8 because Service for

UNIX (SFU) was discontinued.

Shutdown The shutdown command can be used to shut down, restart, or log off the

current system or a remote computer. The shutdown command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Smartdrv The smartdrv command installs and configures SMARTDrive, a disk caching

utility for MS-DOS. The smartdrv command is available in Windows 98 and 95, as well as in MS-DOS. Caching is automatic beginning in Windows XP,

making the smartdry command unnecessary.

Sort The sort command is used to read data from a specified input, sort that data,

and return the results of that sort to the Command Prompt screen, a file, or another output device. The sort command is available in all versions of

Windows, as well as in MS-DOS.

Start The start command is used to open a new command line window to run a

specified program or command. The start command can also be used to start an application without creating a new window. The start command is available

in all versions of Windows.

Subst The subst command is used to associate a local path with a drive letter. The

subst command is a lot like the net use command except a local path is used instead of a shared network path. The subst command is available in all versions of Windows, as well as in MS-DOS. The subst command replaced

the assign command beginning with MS-DOS 6.0.

Sxstrace The sxstrace command is used to start the WinSxs Tracing Utility, a

programming diagnostic tool. The sxstrace command is available in Windows

10, Windows 8, Windows 7, and Windows Vista.

Sys The sys command is used to copy the MS-DOS system files and command

interpreter to a disk. The sys command is available in Windows 98 and 95, as well as in MS-DOS. The sys command is used most often to create a simple bootable disk or hard drive. The necessary system files for Windows are too large to fit on a disk, so the sys command was removed beginning in Windows

XP.

Systeminfo The systeminfo command is used to display basic Windows configuration

information for the local or a remote computer. The systeminfo command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Takeown The takedown command is used to regain access to a file that that an

administrator was denied access to when reassigning ownership of the file. The takeown command is available in Windows 10, Windows 8, Windows 7,

and Windows Vista.

**Full List of Command Prompt Commands** 

Taskkill The taskkill command is used to terminate a running task. The taskkill

command is the command line equivalent of ending a process in Task Manager in Windows. The taskkill command is available in Windows

10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Tasklist Displays a list of applications, services, and the Process ID (PID) currently

running on either a local or a remote computer. The tasklist command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Temsetup The temsetup command is used to set up or disable the Telephony Application

Programming Interface (TAPI) client. The temsetup command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Telnet The telnet command is used to communicate with remote computers that use

the Telnet protocol. The telnet command is available in all versions of Windows. The telnet command is not available by default in Windows 10, 8, 7, or Vista, but can be enabled by turning on the Telnet Client Windows

feature from Programs and Features in Control Panel.

Tftp The tftp command is used to transfer files to and from a remote computer

that's running the Trivial File Transfer Protocol (TFTP) service or daemon. The tftp command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The tftp command is not available by default in Windows 8, 7, or Vista, but can be enabled by turning on the TFTP

Client Windows feature from Programs and Features in Control Panel.

Time The time command is used to show or change the current time. The time

command is available in all versions of Windows, as well as in MS-DOS.

Timeout The timeout command is typically used in a batch or script file to provide a

specified timeout value during a procedure. The timeout command can also be used to ignore keypresses. The timeout command is available in Windows

10, Windows 8, Windows 7, and Windows Vista.

Title The title command is used to set the Command Prompt window title. The title

command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

The tlntadmn command is used to administer a local or remote computer

running Telnet Server. The tlntadmn command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP. The tlntadmn command is not available by default in Windows 8, 7, or Vista, but can be enabled by turning on the Telnet Server Windows feature from Programs and

Features in Control Panel.

Tpmvscmgr The tpmvscmgr command is used to create and destroy TPM virtual smart

cards. The tpmvscmgr command is available in Windows 8.

Tracerpt The tracerpt command is used to process event trace logs or real-time data

from instrumented event trace providers. The tracerpt command is available in

Windows 10, Windows 8, Windows 7, Windows Vista, and Windows XP.

Tracert The tracert command sends Internet Control Message Protocol (ICMP) Echo

Request messages to a specified remote computer with increasing Time to Live (TTL) field values and displays the IP address and hostname, if available,

#### **Full List of Command Prompt Commands**

of the router interfaces between the source and destination. The tracert

command is available in all versions of Windows.

Tree The tree command is used to graphically display the folder structure of a

specified drive or path. The tree command is available in all versions of

Windows, as well as in MS-DOS.

Tscon The tscon command is used to attach a user session to a Remote Desktop

session. The tscon command is available in Windows 10, Windows 8,

Windows 7, Windows Vista, and Windows XP.

Tsdiscon The tsdiscon command is used to disconnect a Remote Desktop session. The

tsdiscon command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Tskill The tskill command is used to end the specified process. The tskill command

is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Tsshutdn The tsshutdn command is used to remotely shut down or restart a terminal

server. The tsshutdn command is available in Windows XP. The ability to shut down a computer remotely is also available in the more powerful shutdown

command, so tsshutdn was removed beginning in Windows Vista.

Type The type command is used to display the information contained in a text file.

The type command is available in all versions of Windows, as well as in

MS-DOS.

Typeperf The typerperf command displays performance data in the Command Prompt

window or writes the data to specified log file. The typeperf command is available in Windows 10, Windows 8, Windows 7, Windows Vista, and

Windows XP.

Tzutil The tzutil command is used to display or configure the current system's time

zone. The tzutil command can also be used to enable or disable Daylight Saving Time adjustments. The tzutil command is available in Windows 10,

Windows 8, and Windows 7.

Umount The umount command is used to remove Network File System (NFS)

mounted network shares. The umount command is available in Windows 7 and Windows Vista. The umount command is not available by default in Windows Vista or Windows 7 but can be enabled by turning on the Services for NFS Windows feature from Programs and Features in Control Panel. The umount command is not available in Windows 10 or 8 because Service for

UNIX (SFU) was discontinued.

Undelete The undelete command is used to undo a deletion performed with the

MS-DOS delete command. The undelete command is only available in

MS-DOS. The undelete command was removed beginning in Windows 95 due to the availability of the Recycle Bin in Windows. Additionally, free file

recovery programs are available from third-party software makers.

Unformat The unformat command is used to undo the formatting on a drive performed

by the MS-DOS format command. The unformat command is only available in MS-DOS. The unformat command was removed beginning in Windows 95

due to file system changes.

**Full List of Command Prompt Commands** 

Unlock The unlock command is used to unlock a drive, disabling direct disk access for

a program. The unlock command is only available in Windows 98 and 95.

Drive locking is no longer available as of Windows XP.

Unlodctr The unlodctr command removes Explain text and Performance counter names

for a service or device driver from the Windows Registry. The unlodctr command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

Vaultcmd The vaultcmd command is used to create, remove, and show stored

credentials. The vaultemd command is available in Windows 10, Windows 8,

and Windows 7.

Ver The ver command is used to display the current Windows or MS-DOS <u>version</u>

number. The ver command is available in all versions of Windows, as well as

in MS-DOS.

Verify The verify command is used to enable or disable the ability of Command

Prompt, or MS-DOS, to verify that files are written correctly to a disk. The verify command is available in all versions of Windows, as well as in

MS-DOS.

<u>Vol</u> The vol command shows the volume label and serial number of a specified

disk, assuming this information exists. The vol command is available in all

versions of Windows, as well as in MS-DOS.

Vsafe The vsafe command is used to start VSafe, a basic virus protection system for

MS-DOS. The vsafe command is only available in MS-DOS. VSafe was designed for MS-DOS and Windows 3.x only. Microsoft provides an optional virus protection suite called Microsoft Security Essentials for Windows XP and later operating systems, and third-party antivirus tools are available for all

versions of Windows.

Vssadmin The vssadmin command starts the Volume Shadow Copy Service

administrative command line tool which displays current volume shadow copy backups and all installed shadow copy writers and providers. The vssadmin command is available in Windows 10, Windows 8, Windows 7, Windows

Vista, and Windows XP.

W32tm The w32tm command is used to diagnose issues with Windows Time. The

w32tm command is available in Windows 10, Windows 8, Windows 7,

Windows Vista, and Windows XP.

Waitfor The waitfor command is used to send or wait for a signal on a system. The

waitfor command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Wbadmin The wbadmin command is used to start and stop backup jobs, display details

about a previous backup, list the items within a backup, and report on the status of a currently running backup. The wbadmin command is available in Windows 10, Windows 8, Windows 7, and Windows Vista. The wbadmin command replaced the ntbackup command beginning in Windows Vista.

Wecutil The wecutil command is used to manage subscriptions to events that are

forwarded from WS-Management supported computers. The wecutil

#### **Full List of Command Prompt Commands**

command is available in Windows 10, Windows 8, Windows 7, and Windows

Vista.

Wevtutil The wevtutil command starts the Windows Events Command Line Utility

which is used to manage event logs and publishers. The wevtutil command is

available in Windows 10, Windows 8, Windows 7, and Windows Vista.

Where The where command is used to search for files that match a specified pattern.

The where command is available in Windows 10, Windows 8, Windows 7, and

Windows Vista.

Whoami The whoami command is used to retrieve user name and group information on

a network. The whoami command is available in Windows 10, Windows 8.

Windows 7, and Windows Vista.

Winmgmt The winnight command starts the command line version of WMI, a scripting

tool in Windows. The winmgmt command is available in all versions of

Windows.

Winrm The winrm command is used to start the command line version of Windows

> Remote Management, used to manage secure communications with local and remote computers using web services. The winrm command is available in

Windows 10, Windows 8, Windows 7, and Windows Vista.

The winrs command is used to open a secure command window with a remote Winrs

host. The winrs command is available in Windows 10, Windows 8, Windows

7, and Windows Vista.

Winsat The winsat command starts the Windows System Assessment Tool, a program

> that assesses various features, attributes, and capabilities of a computer running Windows. The winsat command is available in Windows

10, Windows 8, Windows 7, and Windows Vista.

The wmic command starts the Windows Management Instrumentation Wmic

> Command line (WMIC), a scripting interface that simplifies the use of Windows Management Instrumentation (WMI) and systems managed via WMI. The wmic command is available in Windows 10, Windows 8, Windows

7. Windows Vista, and Windows XP.

Wsmanhttpconfig The wsmanhttpconfig command is used to manage aspects of the Windows

Remote Management (WinRM) service. The wsmanhttpconfig command is available in Windows 10, Windows 8, Windows 7, and Windows Vista.

The xcopy command can copy one or more files or directory trees from one Xcopy

> location to another. The xcopy command is generally considered a more "powerful" version of the copy command through the robocopy command trumps even xcopy. The xcopy command is available in all versions of Windows, as well as in MS-DOS. A command by the name of xcopy32 existed in Windows 95 and Windows 98. To avoid a long and confusing explanation here, just know that no matter if you executed the xcopy command or the xcopy32 command, you were always executing the most

updated version of the command.

The xwizard command, short for Extensible Wizard, is used to register data in **Xwizard** 

Windows, often from a preconfigured XML file. The xwizard command is

available in Windows 10, Windows 8, and Windows 7.

# Operating System Specific Commands

If you're only interested in the commands available in your version of Windows or MS-DOS, we have accurate and detailed lists of commands for Windows 8, commands for Windows 7, commands for Windows XP, and DOS Commands.

Finally, we also have a comparison table of Windows commands, showing which appear in which version of Windows, which might be helpful depending on what you're after.