## CMD Commands PDF

## **CMD Commands**

## **Function**

A

addusers Used to add and list users in a CSV file

admodcmd Used for bulk modifying contents in an active directory

Address Resolution Protocol is used to map IP address to

arp the hardware address

assoc Used to change associations for file extensions

associat One step file association

at Run a command at a specific time

atmadm Display connection info of the ATM adapter

attrib Used to change file attributes

В

bcdboot Used to create and repair a system partition bcdedit Used to manage boot configuration data

bitsadmin Used to manage the Background Intelligent Transfer

Service

bootcfg Used to edit boot configuration in Windows

break Enable/Disable break capability (CTRL+C) in CMD

 $\mathbf{C}$ 

cacls Used to change permissions of files

call Used one batch program to call another

certreq Used to request a certificate from a certification authority

certutil Manage Certification Authority files and services

cd Used to change folder (directory) or go to a specific one

change Used to change terminal services

chcp Displays the number of active console code page

chdir Same as cd command

chkdsk Used to check and repair issues in the disk

chkntfs Used to check the NTFS file system

choice Accept user input (via keyboard) to a batch file

cipher Used to encrypt/decrypt files and folder

cleanmgr Used clean temp files and recycle bin automatically

clip Copy result of any command (stdin) to Windows clipboard

cls Clear CMD screen

cmd Used to start a new CMD shell

cmdkey Used to manage stored usernames and passwords

cmstp Used to install or remove a connection manager service

profile

color Change the color of the CMD shell using options comp Compare contents of two files or two sets of files compact Compress files and folders on an NTFS partition

compress one or more files

convert Convert a FAT partition to NTFS

copy Copy one or more files to another location

coreinfo Show the mapping between logical and physical processors

Cleans specified profiles of wasted space and disabled user-

specific file associations

cscmd Configure offline files on a client computer csvde Import or Export the data of an active directory

D

date Used to display the date or change it defrag Used to defragment system hard drive

del Used to delete a file(s)

cprofile

delprof Used to delete user profile(s)

deltree Used to delete a folder and its sub-folders

devcon Access the command line device manager utility

dir Used to display files and folders list

dirquota Manage File Server Resource Manager quotas

diruse Used to display disk usage

diskcomp Compare contents of two floppy disks diskcopy Copy data of one floppy disk to another

diskpart Make changes to partitions of storage, both internal and

connected

diskshadow Access the Disk Shadow Copy Service

diskuse View used space in folder(s)

doskey Used to edit command line, recall commands, and create

macros

driverquery Display a list of installed device drivers

dsacls View and edit access control entries for objects in active

directory

dsadd Used to add objects to active directory

dsget View objects in active directory dsquery Find objects in an active directory

dsmod Used to modify objects in an active directory dsmove Rename or move an active directory object. dsrm Remove objects from an active directory

dsmgmt Manage Active Directory Lightweight Directory Services

 $\mathbf{F}$ 

echo Turn command-echoing feature on/off, display a message

on the screen

endlocal End localization environment changes in a batch file

erase Used to delete on or more file(s)

eventcreate Add custom event to Windows event log (Admin rights

required)

eventquerry Display list of events and their properties from event logs

Display and configure event triggers on local and remote

machines

exit Exit the command line (Quit current batch script)

expand Uncompress one or more .CAB file(s)

explorer Open Windows Explorer

eventtriggers

extract Uncompress one or more Windows cabinet file(s)

F

fc Used to compare two files

find Used to search a specified text string in a file

findstr Used to find string patterns in files

finger Display information about user(s) on a specified remote

computer

flattemp Used to enable/disable flat temporary folders

For Run a command in a loop for a file(s) for defined parameter

forfiles Used for batch processing of selected file(s)

format Used to format a disk

freedisk Used to check free space on a disk

fsutil File system utility to manage file and drive properties
ftp Use FTP service to transfer files from one PC to another

ftype Display/ Modify file extension type associations

G

getmac Used to display the MAC address of your network adapter

Used to direct a batch program to a line identified by a

goto label

label

gpresult Display Group Policy Settings and Resultant Set of Policy

for a user

gpupdate Update local and active directory based on group policy

settings

graftabl Turn on the ability to display an extended character in

graphics mode

H

help Display a list of commands and see online information for

them

hostname Used to display host name of the computer

Ι

icacls Used to change permissions of files and folders iexpress Used to create a self-extracting zip archive

if Used for conditional processing in batch programs

ifmember Display the group(s) an active user belongs to

Replace the files which the OS is currently using (restart

required)

inuse

ipconfig Display and change Windows IP configuration

ipseccmd Used to configure IP Security policies

ipxroute Display and modify routing table information used by IPX

protocol

irftp Used to send files over an infrared link (infrared

functionality required)

 ${f L}$ 

label Used to change the name of a disk

lodctr Update registry values with latest performance counters

logman Used to manage performance monitor logs

logoff Log a user off

logtime Add the date, time, and a message to a text file

lpq Displays print queue status

lpr Used to send a file to a computer running the Line Printer

Daemon service

M

macfile Manage files server for Mackintosh

makecab Used to create .cab files

mapisend Used to send email from command line mbsacli Microsoft Baseline Security Analyser

mem Used to show memory usage

md Used to create directories and sub-directories mkdir Used to create directories and sub-directories mklink Used to create symbolic link to a directory mmc Access Microsoft Management Console mode Configure COM, LPT, CON system devices

more Display one screen of output at time

mountvol Create, list, or delete a volume mount point move Used to move files from one folder to another

moveuser Move user account to a domain or between machines

msg Used to send a pop-up message to a user

msiexec Install, modify, configure using Windows Installer

msinfo32 Display system information

mstsc Create a remote desktop connection

N

nbstat Display NetBIOS over TCP/IP information net Used to manage network resources and services

netdom Network Domain Manager utility

netsh Display or modify network configuration

netstat Display active TCP/IP connections nlsinfo Used to display locale information

nltest List domain controllers, force remote shutdown, etc

now Display date and time

nslookup Check IP address on a Name Server

ntbackup Backup data to tape using CMD or batch file

ntemdprompt Runs cmd.exe instead of command.exe in an MS-DOS

application

ntdsutil Manage Active Directory Domain Services

ntrights Used to edit user account privileges

ntsd Only for system developers

nvspbind Used to modify network bindings

O

openfiles Queries or displays open files

P

pagefileconfig Display and configure Virtual memory settings

path Set PATH environment variable for executable files

Latency and Packet loss info for each node in the network

path

pathping

prnport

procdump

pause Used to stop processing of a batch file pbadmin Starts Phone Book Administrator

pentnt Detect Floating Point Division error in the Pentium chip

perfmon Access performance monitor in CMD

perms Display a user\'s ACL permissions for a file ping Test network connection to a computer

popd Go to the latest path/folder stored by PUSHD command

portqry Display TCP and UDP port status

powercfg Used to configure power settings and know battery health

print Used to print a text file(s) from CMD

printbrm For backup/recovery/migration of the print queue

prncnfg Used to configure/rename a printing device

prndrvr List/add/delete printer drivers

prnjobs List/pause/resume/cancel print jobs

prnmngr List/add/delete printers, display/set default printer

List/create/delete TCP printer ports, display/change port

configuration

prnqctl Clear printer queue, print a test page

Monitor system for CPU spikes, generate a crash report

during a spike

prompt Used to change the Prompt in CMD

psexec Run a CMD process on a remote computer

psfile Display remotely opened files, close an open file

psinfo List system information about a local/remote machine

pskill Kill a process(es) using its name or process ID

pslist Display process status and info about active processes

psloggedon See active users on machine psloglist Display event log records

pspasswd Used to change account password psping Used to measure network performance

psservice Display and control services on a machine

psshutdown

Shutdown/restart/logoff/lock a local or remote machine

pssuspend

Used to suspend a process on a local or remote computer

Change current folder and store previous folder for use by

**POPD** 

Q

qgrep Search file(s) for a given string pattern

query process or

qprocess

reg

relog

setspn

pushd

Display information about processes

R

rasdial Display Remote Access Service Status

rasphone Manage RAS connections

rcp Copy files to a computer running remote shell service

recover Recover readable data from a defective disk

Display/add/change registry keys and values in Windows

registry

regedit Import/export/delete settings from a .reg text file

regsvr32 Used to register/unregister a DLL file regini Used to change registry permissions

Export performance counters to other formats like TSV,

CSV, SQL

rem Add comments in batch file ren Used to rename a file(s)

replace Used to replace a file with another file of same name

reset session Used to reset a remote desktop session

rexec Run commands on remote machines running Rexec service

rd Used to delete a folder(s) rmdir Used to delete a folder(s)

rmtshare Manage file and printer shares local or remote servers

robocopy Used to copy files and folders that have changed

route Display/change the local IP routing table

rsh Run commands on remote servers running RSH service

rsm Manage media resources using Removable storage

runas Run a program as a different user

rundll32 Used to run a DLL program

S

sc Use Service Controller to manage Windows services schtasks Schedule command(s) to run at a specific time

secedit Configure system security

set Display/set/remove environment variables in CMD

setlocal Control visibility of environment variables in a batch file

Manage Service Principal Names for an Active Directory

service account

setx Set Environment Variables permanently

sfc System File Checker

share List/edit a file share or print on any computer shellrunas Used to run a command as a different user

shift Change the position of the batch parameters in a batch file

shortcut Create a Windows shortcut shutdown Shutdown the computer

sleep Put computer to sleep for specified number of seconds
Software Licensing Management tool for activation and

KMS

sort Used to sort and display a redirected or piped input

start Start a program, command, or batch file

strings Find ANSI and UNICODE strings in binary files subinacl Display/modify ACEs for file and folder permissions

subst Associate a path with a drive letter

sysmon Monitor and log system activity to Windows event log

systeminfo Display detailed configuration information about the

computer

T

takeown Used to take the ownership of a file

taskkill Used to terminate on or more running processes

tasklist Display a list of running apps and services.

tcmsetup Enable/disable TAPI client

telnet Communicate with a remote machine using TELNET

protocol

tftp Transfer files to and from a remote machine running TFTP

protocol

time Display/change system time

timeout Delay a batch file execution for specified seconds

title Change the text on top of CMD window

touch Change file timestamps

tracerpt Process event trace logs and generate trace analysis report

Trace route to a remote host by sending ICMP request

tracert messages

tree Display a folder structure in the form of a graphical tree

tsdiscon Terminate a remote desktop connection

tskill Terminate a running process on a RD Session Host server

tssutdn Shutdown/reboot a terminal server remotely

type Show contents of a text file

typeperf Write performance data to a CMD window or a log file

tzutil Time Zone Utility

U

unlodetr Remove performance counter names and explain text for a

service from the registry

 ${f v}$ 

ver Show version number of installed OS

verify Verify whether files are saved correctly on the disk

vol Show disk volume label and serial number

vssadmin Show shadow copy backups, installed shadow copy writers

and providers

W

w32tm Access Windows Time Service Utility

waitfor Used to synchronize events between networked

computer(s)

wevtutil Retrieve information about event logs and publishers

where Find and display file(s) in the current directory who ami Display information about the active user

whoami Display information about the active user windiff Compare contents of two files or sets of files

winrm Windows Remote Management

winrs Windows Remote Shell

wmic Windows Management Instrumentation Command wuauclt Windows Update Agent to download new update files

X

xcalcs Change ACLs for files and folders

xcopy Copy files or directory trees to another folder

:: Comment



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