

Files & Folders Management

copy <options> <src> <dest>

Copies files to another location.

cd <directory>

Changes directory.

del or **erase** <options> <files>

Deletes files.

dir <path> <options>

Displays files and folders in the current directory.

edit <filename>

Starts the file editor.

expand <source> <destination>

Decompresses compressed files.

fc <options> <file 1> <file 2>

Compares files and shows the differences between them.

find <string> <file>

Finds a text string in a file.

md or **makedir** <path>

Creates a new folder.

move <options> <src> <dest>

Moves files from one folder to another.

openfiles

Manages opened local or network files.

print <filename> <path>

Prints out the contents of a text file.

rd or **rmdir** <path>

Deletes a folder.

ren or **rename** <path><oldname> <newname>

Renames a file or folder.

replace <oldpath> <newpath>

Replaces files in one directory with files of the same name in another directory (overwrites).

robocopy <src> <dest> <file> <options>

Uses an advanced tool to copy files and directories.

tree <options> <path>

Displays the directory structure of a disk or folder.

Files & Folders Management (cont)

type <file path>

Displays the contents of text files.

xcopy <src> <dest> <options>

Copies files and directory trees, often used for more complex copy operations.

Command Line Setup

cls

Clears the screen.

cmd <options> <command>

Opens another command prompt window.

color <background>

Sets the text and background color in the command prompt.

exit <options>

Exits the command prompt.

help <command>

Launches the CMD help interface.

prompt <string/variables>

Changes the command line prompt.

title <string>

Assigns a title to the current command prompt session.

Disks Management

chkdisk <volume> <options>

Checks disk integrity and shows statistics.

chkntfs <volume>

Displays or changes execution of disk check at boot.

compact <options> <file>

Displays and changes the compression of files in NTFS partitions.

convert <volume>: /<type>

Converts FAT disk volume to NTFS.

defrag <volume> <options>

Starts disk defragmentation.

diskpart

Displays and adjusts disk partition properties.



Disks Management (cont)

format <type>

Formats a disk or partition.

fsutil <subcommand>

Displays and configures file system properties.

label /mp <volume> <label>

Creates, changes, or deletes a disk volume label.

recover <drive>:<path><filename>

Recovers data from a damaged or bad disk.

vol <drive>

Displays the volume label and serial number of the disk.

Network Management

arp <option> <address>

Displays a table with IP addresses converted into physical (MAC) addresses.

getmac <options>

Displays the MAC address of the network adapter.

ipconfig <options>

Shows information about network interfaces and IP configuration.

netsh <options>

nslookup <host> <command> <options> – Finds the IP address for a resource name.

Starts the network settings control program.

ping <options> <host>

Sends ICMP requests to the target host to check its availability.

route <options> <command> <value>

Displays network route tables.

tftp

Starts the TFTP client in the command prompt.

tracert <options> <dest>

Finds the network path for packets traveling to a destination.

System Information

date <options>

Outputs or sets the current date.

driverquery <options>

Displays the current state and properties of device drivers.

gpresult

Displays the currently applied group policies (RSOP).

gpupdate

Updates group policies.

hostname

Displays the name of the computer.

systeminfo <options>

Shows configuration information about your computer.

time <options>

Displays or sets the system time.

ver

Allows you to view the Windows version.

Applications & Processes

reg

Starts the registry editor.

runas /user:<username> "<command>"

Launches a task as another user.

schtasks /<subcommand>

Executes a command or starts a scheduled application (Task Scheduler).

shutdown <options>

Shuts down or reboots your computer.

taskkill <options> <task/process>

Stops or halts a task.

tasklist <options>

Lists the tasks being performed on your computer.

