

Windows 10 Help on Commands

C:\>HELP CHKDSK

Checks a disk and displays a status report.

CHKDSK [volume[[path]filename]] [/F] [/V] [/R] [/X] [/I] [/C] [/L[:size]] [/B] [/scan] [/spotfix]

- volume Specifies the drive letter (followed by a colon), mount point, or volume name.
- filename FAT/FAT32 only: Specifies the files to check for fragmentation.
- /F Fixes errors on the disk.
- /V On FAT/FAT32: Displays the full path and name of every file on the disk.
On NTFS: Displays cleanup messages if any.
- /R Locates bad sectors and recovers readable information (implies /F, when /scan not specified).
- /L:size NTFS only: Changes the log file size to the specified number of kilobytes. If size is not specified, displays current size.
- /X Forces the volume to dismount first if necessary. All opened handles to the volume would then be invalid (implies /F).
- /I NTFS only: Performs a less vigorous check of index entries.
- /C NTFS only: Skips checking of cycles within the folder structure.
- /B NTFS only: Re-evaluates bad clusters on the volume (implies /R)
- /scan NTFS only: Runs an online scan on the volume
- /forceofflinefix NTFS only: (Must be used with "/scan")

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`/perf` NTFS only: (Must be used with `"/scan"`)

Uses more system resources to complete a scan as fast as possible. This may have a negative performance impact on other tasks running on the system.

`/spotfix` NTFS only: Runs spot fixing on the volume

`/sdcleanup` NTFS only: Garbage collect unneeded security descriptor data (implies `/F`).

`/offlinescanandfix` Runs an offline scan and fix on the volume.

`/freeorphanedchains` FAT/FAT32/exFAT only: Frees any orphaned cluster chains instead of recovering their contents.

`/markclean` FAT/FAT32/exFAT only: Marks the volume clean if no corruption was detected, even if `/F` was not specified.

The `/I` or `/C` switch reduces the amount of time required to run `Chkdsk` by skipping certain checks of the volume.

