



Rocky Enterprise Linux 9.2 Manual Pages on command 'e2scrub.8'

C:\>man e2scrub.8

E2SCRUB(8) System Manager's Manual E2SCRUB(8)

NAME

e2scrub - check the contents of a mounted ext[234] filesystem

SYNOPSIS

e2scrub [OPTION] MOUNTPOINT | DEVICE

DESCRIPTION

e2scrub attempts to check (but not repair) all metadata in a mounted ext[234] filesystem if the filesystem resides on an LVM logical volume. The block device of the LVM logical volume can also be passed in.

This program snapshots the volume and runs a file system check on the snapshot to look for corruption errors. The LVM volume group must have at least 256MiB of un? allocated space to dedicate to the snapshot or the logical volume will be skipped.

The snapshot will be named lvname.e2scrub and udev will not create symbolic links to it under /dev/disk. Every attempt will be made to remove the snapshots prior to running e2scrub, but in a dire situation it may be necessary to remove the snapshot manually.

If no errors are found, fstrim can be called on the file system if it is mounted.

If errors are found, the file system will be marked as having errors. The filesys? tem should be taken offline and e2fsck run as soon as possible, because e2scrub does not fix corruptions. If the filesystem is not repaired, e2fsck will be run before the next mount.

OPTIONS

- n Print what commands e2scrub would execute to check the file system. (Note: the commands will not actually be executed; however, since e2scrub needs to run some commands to query the system to determine what commands would be executed, it still needs to be run as root.)
- r Remove the e2scrub snapshot and exit without checking anything.
- t Run fstrim(1) on the mounted filesystem if no errors are found.
- V Print version information and exit.

EXIT CODE

The exit codes are the same as in e2fsck(8)

SEE ALSO

e2fsck(8)

AUTHOR

Darrick J. Wong <darrick.wong@oracle.com>

COPYRIGHT

Copyright ?2018 Oracle. License is GPLv2+. <<http://www.gnu.org/licenses/gpl-2.0.html>>

E2fsprogs version 1.45.5

January 2020

E2SCRUB(8)