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

\$ man fsadm.8

FSADM(8)

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NAME

fsadm ? utility to resize or check filesystem on a device

SYNOPSIS

fsadm [options] check device

fsadm [options] resize device [new_size]

DESCRIPTION

fsadm utility checks or resizes the filesystem on a device (can be also dm-crypt encrypted device). It tries to use the same API for ext2, ext3, ext4, ReiserFS and XFS filesystem.

OPTIONS

-e|--ext-offline

Unmount ext2/ext3/ext4 filesystem before doing resize.

-f|--force

Bypass some sanity checks.

-h|--help

Display the help text.

-l|--lvresize

Resize also given lvm2 logical volume. More volume management functionality is provided with complementary lvresize(8) and the option -r|--resizefs.

-n|--dry-run

Print commands without running them.

-v|--verbose

Be more verbose.

-y|--yes

Answer "yes" at any prompts.

-c|--cryptresize

Resize dm-crypt mapping together with filesystem detected on the device. The dm-crypt device must be recognizable by cryptsetup(8).

new_size[B|K|M|G|T|P|E]

Absolute number of filesystem blocks to be in the filesystem, or an absolute size using a suffix (in powers of 1024). If new_size is not supplied, the whole device is used.

DIAGNOSTICS

On successful completion, the status code is 0. A status code of 2 indicates the operation was interrupted by the user. A status code of 3 indicates the requested check operation could not be performed because the filesystem is mounted and does not support an online fsck(8). A status code of 1 is used for other failures.

EXAMPLES

Resize the filesystem on logical volume /dev/vg/test to 1000 megabytes.

If /dev/vg/test contains ext2/ext3/ext4 filesystem it will be unmounted prior the resize. All [y/n] questions will be answered 'y'.

```
# fsadm -e -y resize /dev/vg/test 1000M
```

ENVIRONMENT VARIABLES

TMPDIR The temporary directory name for mount points. Defaults to "/tmp".

DM_DEV_DIR

The device directory name. Defaults to "/dev" and must be an

absolute path.

SEE ALSO

lvm(8), lvresize(8), lvm.conf(5),
fsck(8), tune2fs(8), resize2fs(8),
reiserfstune(8), resize_reiserfs(8),
xfs_info(8), xfs_growfs(8), xfs_check(8),
cryptsetup(8)

Red Hat, Inc

LVM TOOLS 2.03.17(2) (2022-11-10)

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