Red Hat Enterprise Linux Release 9.2 Manual Pages on 'fsadm.8' command

$ man fsadm.8

FSADM(8)   FSADM(8)

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 crypt? setup(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 in? dicates 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)

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