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

\$ man blkdeactivate.8

BLKDEACTIVATE(8) BLKDEACTIVATE(8)

NAME

blkdeactivate ? utility to deactivate block devices

SYNOPSIS

blkdeactivate [-d dm_options] [-e] [-h] [-l lvm_options] [-m mpath_options] [-r mdraid_op? tions] [-o vdo_options] [-u] [-v] [device]

DESCRIPTION

The blkdeactivate utility deactivates block devices. For mounted block devices, it at? tempts to unmount it automatically before trying to deactivate. The utility currently sup? ports device-mapper devices (DM), including LVM volumes and software RAID MD devices. LVM volumes are handled directly using the lvm(8) command, the rest of device-mapper based de? vices are handled using the dmsetup(8) command. MD devices are handled using the mdadm(8) command.

OPTIONS

-d, --dmoptions dm_options

Comma separated list of device-mapper specific options. Accepted dmsetup(8) op? tions are:

retry Retry removal several times in case of failure.

force Force device removal.

-e, --errors

Show errors reported from tools called by blkdeactivate. Without this option, any error messages from these external tools are suppressed and the blkdeactivate it? self provides only a summary message to indicate the device was skipped.

-h, --help

Display the help text.

-l, --lvmoptions lvm_options

Comma-separated list of LVM specific options:

retry Retry removal several times in case of failure.

wholevg

Deactivate the whole LVM Volume Group when processing a Logical Volume. Deactivating the Volume Group as a whole is quicker than deactivating each Logical Volume separately.

-m, --mpathoptions mpath_options

Comma-separated list of device-mapper multipath specific options:

disablequeueing

Disable queueing on all multipath devices before deactivation. This avoids a situation where blkdeactivate may end up waiting if all the paths are unavailable for any underlying device-mapper multipath device.

-r, --mdraidoptions mdraid_options

Comma-separated list of MD RAID specific options:

wait Wait MD device's resync, recovery or reshape action to complete before deactivation.

-o, --vdooptions vdo_options

Comma-separated list of VDO specific options:

configfile=file

Use specified VDO configuration file.

-u, --umount

Unmount a mounted device before trying to deactivate it. Without this option used, a device that is mounted is not deactivated.

-v, --verbose

Run in verbose mode. Use **--vv** for even more verbose mode.

EXAMPLES

```
Deactivate all supported block devices found in the system, skipping mounted devices.  #
blkdeactivate
```

```
Deactivate all supported block devices found in the system, unmounting any mounted devices
first, if possible.  # blkdeactivate -u
```

Deactivate the device /dev/vg/lvol0 together with all its holders, unmounting any mounted devices first, if possible. # blkdeactivate -u /dev/vg/lvol0

Deactivate all supported block devices found in the system. If the deactivation of a device-mapper device fails, retry it. Deactivate the whole Volume Group at once when processing an LVM Logical Volume. # blkdeactivate -u -d retry -l wholevg

Deactivate all supported block devices found in the system. If the deactivation of a device-mapper device fails, retry it and force removal. # blkdeactivate -d force,retry

SEE ALSO

dmsetup(8), lsblk(8), lvm(8), mdadm(8), multipathd(8), vdo(8), umount(8)

Red Hat, Inc

LVM TOOLS 2.03.11(2) (2021-01-08)

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