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

$ man blkdeactivate.8

NAME

   blkdeactivate ? utility to deactivate block devices

SYNOPSIS

   blkdeactivate [-d dm_options] [-e] [-h] [-l lvm_options] [-m

   mpath_options] [-r mdraid_options] [-o vdo_options] [-u] [-v] [device]

DESCRIPTION

   The blkdeactivate utility deactivates block devices. For mounted block

   devices, it attempts to unmount it automatically before trying to deac?

   tivate. The utility currently supports device-mapper devices (DM), in?

   cluding LVM volumes and software RAID MD devices. LVM volumes are han?

   dled directly using the lvm(8) command, the rest of device-mapper based

   devices are handled using the dmsetup(8) command. MD devices are han?

   dled using the mdadm(8) command.

OPTIONS

   -d|--dmoptions dm_options

      Comma separated list of device-mapper specific options. Accept?

      ed dmsetup(8) options 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 itself 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 sepa?
rately.

-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.

-m|--mpathoptions mpath_options

Comma-separated list of device-mapper multipath specific op?
tions:

disablequeueing

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

-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.   With?

    out this option used, a device that is mounted is not deactivat?

    ed.

-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, un?

    mounting any mounted devices first, if possible.

    # blkdeactivate -u /dev/vg/lvol0

    Deactivate all supported block devices found in the system. If the de?

    activation 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 de?

    activation 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)