NAME

vgmknodes − Create the special files for volume group devices in /dev

SYNOPSIS

vgmknodes
[*option_args*]
[*position_args*]

DESCRIPTION

vgmknodes checks the LVM device nodes in /dev that are needed for active LVs and creates any that are missing and removes unused ones.

This command should not usually be needed if all the system components are interoperating correctly.

USAGE

vgmknodes
[**−−ignorelockingfailure**]
[**−−refresh**]
[**−−reportformat basic|json**]
[COMMON_OPTIONS]
[*VG|LV|Tag ...*]

Common options for lvm:
[**−d|−−debug**]
[**−h|−−help**]
[**−q|−−quiet**]
[**−t|−−test**]
[**−v|−−verbose**]
[**−y|−−yes**]
[**−−commandprofile** *String*]
[**−−config** *String*]
[**−−driverloaded y|n**]
[**−−lockopt** *String*]
[**−−longhelp**]
[**−−nolocking**]
[**−−profile** *String*]
[**−−version**]

OPTIONS

−−commandprofile *String*
The command profile to use for command configuration. See **lvm.conf**(5) for more information about profiles.

−−config *String*
Config settings for the command. These override lvm.conf settings. The String arg uses the same format as lvm.conf, or may use section/field syntax. See **lvm.conf**(5) for more information about config.

−d|−−debug ...
Set debug level. Repeat from 1 to 6 times to increase the detail of messages sent to the log file and/or syslog (if configured).

−−driverloaded y|n
If set to no, the command will not attempt to use device-mapper. For testing and debugging.

−h|−−help
Display help text.

−−ignorelockingfailure
Allows a command to continue with read-only metadata operations after locking failures.

−−lockopt *String*

    Used to pass options for special cases to lvmlockd. See **lvmlockd**(8) for more information.

−−longhelp

    Display long help text.

−−nolocking

    Disable locking.

−−profile *String*

    An alias for −−commandprofile or −−metadataprofile, depending on the command.

−q|−−quiet ...

    Suppress output and log messages. Overrides −−debug and −−verbose. Repeat once to also suppress any prompts with answer 'no'.

−−refresh

    If the LV is active, reload its metadata. This is not necessary in normal operation, but may be useful if something has gone wrong, or if some form of manual LV sharing is being used.

−−reportformat basic|json

    Overrides current output format for reports which is defined globally by the report/output_format setting in lvm.conf. **basic** is the original format with columns and rows. If there is more than one report per command, each report is prefixed with the report name for identification. **json** produces report output in JSON format. See **lvmreport**(7) for more information.

−t|−−test

    Run in test mode. Commands will not update metadata. This is implemented by disabling all metadata writing but nevertheless returning success to the calling function. This may lead to unusual error messages in multi-stage operations if a tool relies on reading back metadata it believes has changed but hasn't.

−v|−−verbose ...

    Set verbose level. Repeat from 1 to 4 times to increase the detail of messages sent to stdout and stderr.

−−version

    Display version information.

−y|−−yes

    Do not prompt for confirmation interactively but always assume the answer yes. Use with extreme caution. (For automatic no, see −qq.)

VARIABLES

VG

    Volume Group name. See **lvm**(8) for valid names.

LV

    Logical Volume name. See **lvm**(8) for valid names. An LV positional arg generally includes the VG name and LV name, e.g. VG/LV.

Tag

    Tag name. See **lvm**(8) for information about tag names and using tags in place of a VG, LV or PV.

String

    See the option description for information about the string content.

Size[UNIT]

    Size is an input number that accepts an optional unit. Input units are always treated as base two values, regardless of capitalization, e.g. 'k' and 'K' both refer to 1024. The default input unit is specified by letter, followed by |UNIT. UNIT represents other possible input units: **bBsSkKmMgGtTpPeE**. b|B is bytes, s|S is sectors of 512 bytes, k|K is kilobytes, m|M is megabytes, g|G is gigabytes, t|T is terabytes, p|P is petabytes, e|E is exabytes. (This should not be confused with the

output control −−units, where capital letters mean multiple of 1000.)

ENVIRONMENT VARIABLES

See **lvm**(8) for information about environment variables used by lvm. For example, LVM_VG_NAME can generally be substituted for a required VG parameter.

SEE ALSO

lvm(8) **lvm.conf**(5) **lvmconfig**(8)

pvchange(8) **pvck**(8) **pvcreate**(8) **pvdisplay**(8) **pvmove**(8) **pvremove**(8) **pvresize**(8) **pvs**(8) **pvscan**(8)

vgcfgbackup(8) **vgcfgrestore**(8) **vgchange**(8) **vgck**(8) **vgcreate**(8) **vgconvert**(8) **vgdisplay**(8) **vgexport**(8) **vgextend**(8) **vgimport**(8) **vgimportclone**(8) **vgmerge**(8) **vgmknodes**(8) **vgreduce**(8) **vgremove**(8) **vgrename**(8) **vgs**(8) **vgscan**(8) **vgsplit**(8)

lvcreate(8) **lvchange**(8) **lvconvert**(8) **lvdisplay**(8) **lvextend**(8) **lvreduce**(8) **lvremove**(8) **lvrename**(8) **lvresize**(8) **lvs**(8) **lvscan**(8)

lvm-fullreport(8) **lvm-lvpoll**(8) **lvm2−activation−generator**(8) **blkdeactivate**(8) **lvmdump**(8)

dmeventd(8) **lvmpolld**(8) **lvmlockd**(8) **lvmlockctl**(8) **cmirrord**(8) **lvmdbusd**(8)

lvmsystemid(7) **lvmreport**(7) **lvmraid**(7) **lvmthin**(7) **lvmcache**(7)