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

\$ man vgscan.8

VGSCAN(8) System Manager's Manual VGSCAN(8)

NAME

vgscan - Search for all volume groups

SYNOPSIS

vgscan
[option_args]

DESCRIPTION

vgscan scans all supported LVM block devices in the system for VGs.

USAGE

vgscan
[--ignorelockingfailure]
[--mknodes]
[--notifydbus]
[--reportformat basic|json]
[COMMON_OPTIONS]

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.

--mknodes

Also checks the LVM special files in `/dev` that are needed for active LVs and cre?

ates any missing ones and removes unused ones.

`--nolocking`

Disable locking.

`--notifydbus`

Send a notification to D-Bus. The command will exit with an error if LVM is not built with support for D-Bus notification, or if the `notify_dbus` config setting is disabled.

`--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'.

`--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

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: b|Bs|K|Km|Mg|Gt|Tp|Pe|E. b|B is bytes, s|S is sectors of 512 bytes, k|K is KiB, m|M is MiB, g|G is GiB, t|T is TiB, p|P is PiB, e|E is EiB. (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)` `pvs?`
`can(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)` `lvmddump(8)`
`dmeventd(8)` `lvmpolld(8)` `lvmlockd(8)` `lvmlockctl(8)` `cmirrord(8)` `lvmdbusd(8)`
`lvmsystemid(7)` `lvmreport(7)` `lvraid(7)` `lvthin(7)` `lvmdcache(7)`