



Rocky Enterprise Linux 9.2 Manual Pages on command 'lvm diskscan.8'

C:\>man lvm diskscan.8

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

NAME

lvm diskscan - List devices that may be used as physical volumes

SYNOPSIS

lvm diskscan
[option_args]

DESCRIPTION

lvm diskscan scans all SCSI, (E)IDE disks, multiple devices and a bunch of other block devices in the system looking for LVM PVs. The size reported is the real device size. Define a filter in lvm.conf(5) to restrict the scan to avoid a CD ROM, for example.

This command is deprecated, use pvs instead.

USAGE

lvm diskscan
[-l|--lvmpartition]
[--readonly]
[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.

--lockopt String

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

--longhelp

Display long help text.

-l|--lvmpartition

Only report PVs.

--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'.

--readonly

Run the command in a special read-only mode which will read on-disk metadata without needing to take any locks. This can be used to peek inside metadata used by a virtual machine image while the virtual machine is running. No attempt will be made to communicate with the device-mapper kernel driver, so this option is unable to report whether or not LVs are actually in use.

-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 all?

ways 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|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\(8\)](#) [lvm?dump\(8\)](#)
[dmeventd\(8\)](#) [lvmpolld\(8\)](#) [lvmlockd\(8\)](#) [lvmlockctl\(8\)](#) [cmirrorrd\(8\)](#) [lvmdbusd\(8\)](#)
[lvmsystemid\(7\)](#) [lvmreport\(7\)](#) [lvraid\(7\)](#) [lvthin\(7\)](#) [lvmdcache\(7\)](#)