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

$ man lvmdiskscan.8

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

NAME

   lvmdiskscan ? List devices that may be used as physical volumes

SYNOPSIS

   lvmdiskscan

      [option_args]

DESCRIPTION

   lvmdiskscan scans all SCSI, (E)IDE disks, multiple devices and a bunch

   of other block devices in the system looking for LVM PVs. The size re?

   ported is the real device size. Define a filter in lvm.conf(5) to re?

   strict the scan to avoid a CD ROM, for example.

   This command is deprecated, use pvs instead.

USAGE

   lvmdiskscan

      [-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]

[　--devices PV]

[　--devicesfile String]

[　--driverloaded y|n]

[　--journal String]

[　--lockopt String]

[　--longhelp]

[　--nohints]

[　--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(5) set?

　　　tings. The String arg uses the same format as lvm.conf(5), or

　　　may use section/field syntax. See lvm.conf(5) for more informa?

　　　tion 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).

　--devices PV

　　　Restricts the devices that are visible and accessible to the

　　　command. Devices not listed will appear to be missing. This op?

tion can be repeated, or accepts a comma separated list of de?

vices. This overrides the devices file.

--devicesfile String

A file listing devices that LVM should use. The file must exist

in /etc/lvm/devices/ and is managed with the lvmdevices(8) com?

mand. This overrides the lvm.conf(5) devices/devicesfile and

devices/use_devicesfile settings.

--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.

--journal String

Record information in the systemd journal. This information is

in addition to information enabled by the lvm.conf log/journal

setting. command: record information about the command.   out?

put: record the default command output. debug: record full com?

mand debugging.

--lockopt String

Used to pass options for special cases to lvmlockd.   See lvm?

lockd(8) for more information.

--longhelp

Display long help text.

-l|--lvmpartition

Only report PVs.

--nohints

Do not use the hints file to locate devices for PVs. A command

may read more devices to find PVs when hints are not used. The

command will still perform standard hint file invalidation where

appropriate.

--nolocking

Disable locking. Use with caution, concurrent commands may pro?

duce incorrect results.

--profile String

    An alias for --commandprofile or --metadataprofile, depending on

    the command.

-q|--quiet ...

    Suppress output and log messages. Overrides --debug and --ver?

    bose.   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 un?

    usual 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 de?

    tail 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 con?

    tent.

Size[UNIT]

Size is an input number that accepts an optional unit. Input
units are always treated as base two values, regardless of capi‐
talization, e.g. 'k' and 'K' both refer to 1024. The default
input unit is specified by letter, followed by |UNIT. UNIT rep‐
resents other possible input units: 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), lvmdevices(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), vgimportdevices(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), blkdeactivate(8), lvmdump(8),

dmeventd(8), lvmpolld(8), lvmlockd(8), lvmlockctl(8), cmirrord(8),

lvmdbusd(8), fsadm(8),

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