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

$ man 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 de?

   vices 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

   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]

[--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 in?

  formation 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 in?

  formation.

--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 with?

    out 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 dis?

    abling all metadata writing but nevertheless returning success to the calling func?

    tion. 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 re?

    fer 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 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) lvmdump(8)

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

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