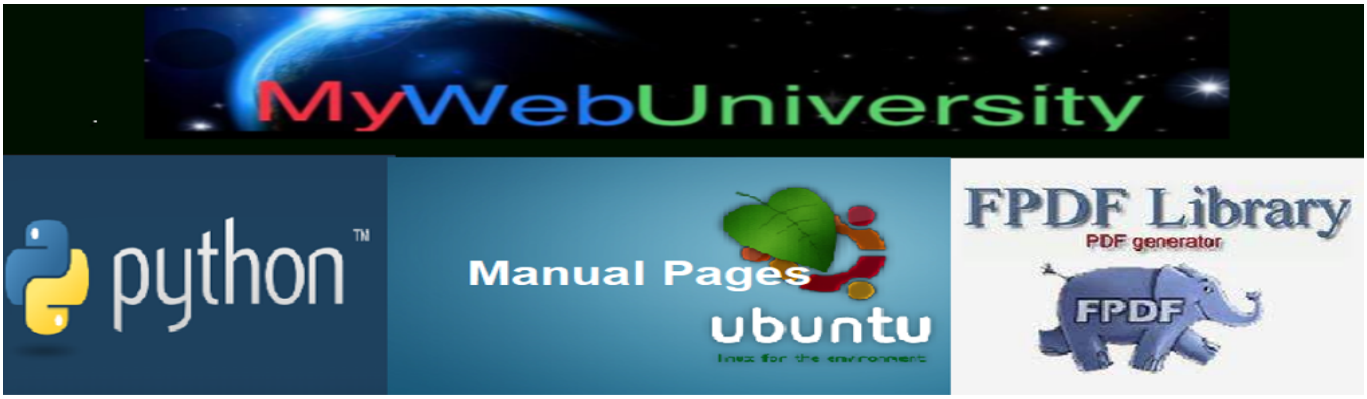

Rocky Enterprise Linux 9.2 Manual Pages on command 'vgconvert.8'

$ man vgconvert.8

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

NAME

vgconvert - Change volume group metadata format

SYNOPSIS

vgconvert position_args

[option_args]

DESCRIPTION

vgconvert is no longer a part of LVM. It was removed along with support for the LVM1 for?

mat. Use an older version of LVM to convert VGs from the LVM1 format to LVM2.

USAGE

vgconvert VG ...

[-f|--force]

[-M|--metadatatype lvm2]

[--labelsector Number]

[--bootloaderareasize Size[m|UNIT]]

[--pvmetadatacopies 0|1|2]

[--metadatasize Size[m|UNIT]]

[--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

--bootloaderareasize Size[m|UNIT]

Reserve space for the bootloader between the LVM metadata area and the first PE. The bootloader area is reserved for bootloaders to embed their own data or meta? data; LVM will not use it. The bootloader area begins where the first PE would otherwise be located. The first PE is moved out by the size of the bootloader area, and then moved out further if necessary to match the data alignment. The start of the bootloader area is always aligned, see also --dataalignment and --dataalignmentoffset. The bootloader area may be larger than requested due to the alignment, but it's never less than the requested size. To see the bootloader area start and size of an existing PV use pvs -o +pv_ba_start,pv_ba_size.

--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.

-f|--force ...

Override various checks, confirmations and protections. Use with extreme caution.

-h|--help

Display help text.

--labelsector Number

By default the PV is labelled with an LVM2 identifier in its second sector (sector 1). This lets you use a different sector near the start of the disk (between 0 and 3 inclusive - see LABEL_SCAN_SECTORS in the source). Use with care.

--lockopt String

Used to pass options for special cases to lvmlockd. See lvmlockd(8) for more in? formation.

--longhelp

Display long help text.

--metadatasize Size[m|UNIT]

The approximate amount of space used for each VG metadata area. The size may be rounded.

-M|--metadatatype lvm2

Specifies the type of on-disk metadata to use. lvm2 (or just 2) is the current, standard format. lvm1 (or just 1) is no longer used.

--nolocking

Disable locking.

--profile String

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

--pvmetadatacopies 0|1|2

The number of metadata areas to set aside on a PV for storing VG metadata. When 2, one copy of the VG metadata is stored at the front of the PV and a second copy is stored at the end. When 1, one copy of the VG metadata is stored at the front of the PV. When 0, no copies of the VG metadata are stored on the given PV. This may be useful in VGs containing many PVs (this places limitations on the ability to use vgsplit later.)

-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 re? port/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 for? mat. See lvmreport(7) for more information.

-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

VG

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

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)