

NAME

vgmerge – Merge volume groups

SYNOPSIS

vgmerge *position_args*
[*option_args*]

DESCRIPTION

vgmerge merges two existing VGs. The inactive source VG is merged into the destination VG if physical extent sizes are equal and PV and LV summaries of both VGs fit into the destination VG's limits.

USAGE

vgmerge *VG VG*
[**-A**|**--autobackup** *y|n*]
[**-l**|**--list**]
[*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

-A|**--autobackup** *y|n*

Specifies if metadata should be backed up automatically after a change. Enabling this is strongly advised! See **vgcfgbackup**(8) for more information.

--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.

-l|**--list**

Display merged destination VG like **vgdisplay -v**.

- lockopt** *String*
Used to pass options for special cases to `lvmlckd`. See **lvmlckd**(8) for more information.
- longhelp**
Display long help text.
- 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'.
- 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

VG

Volume Group name. See **lvmd**(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 refer to 1024. The default input unit is specified by letter, followed by |UNIT. UNIT represents other possible input units: **bBsSkKmMg-GtTpPeE**. 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 **lvmd**(8) for information about environment variables used by `lvmd`. For example, `LVM_VG_NAME` can generally be substituted for a required VG parameter.

EXAMPLES

Merge an inactive VG named "vg00" into the active or inactive VG named "databases", giving verbose run-time information.

```
vgmerge -v databases vg00
```

SEE ALSO

lvmd(8) **lvmd.conf**(5) **lvmdconfig**(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) vgre-
move(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) lvmraid(7) lvmthin(7) lvmcache(7)