



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'vgmerge.8' command

\$ man vgmerge.8

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

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]
[--poolmetadataspare y|n]
[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

`-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(5)` settings. The `String` arg uses the same format as `lvm.conf(5)`, 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).

`--devices PV`

Restricts the devices that are visible and accessible to the command. Devices not listed will appear to be missing. This option can be repeated, or accepts a comma separated list of devices. 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) command. 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. output: record the default command output. debug: record full command debugging.

-l|--list

Display merged destination VG like vgdisplay -v.

--lockopt String

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

--longhelp

Display long help text.

--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 produce incorrect results.

--poolmetadataspare y|n

Enable or disable the automatic creation and management of a

spare pool metadata LV in the VG. A spare metadata LV is reserved space that can be used when repairing a pool.

`--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 default 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

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 refer to 1024. The default input unit is specified by letter, followed by |UNIT. UNIT represents

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.

EXAMPLES

Merge an inactive `VG` named "vg00" into the active or inactive `VG` named "databases", giving verbose runtime information.

```
vgmerge -v databases vg00
```

SEE ALSO

`lvm(8)`, `lvm.conf(5)`, `lvmconfig(8)`, `lvmdevices(8)`,
`pvchange(8)`, `pvck(8)`, `pvcreate(8)`, `pvdisk(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)`, `cmirror(8)`,
`lvmdbusd(8)`, `fsadm(8)`,
`lvmsystemid(7)`, `lvmreport(7)`, `lvraid(7)`, `lvthin(7)`, `lvmdcache(7)`

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