



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

\$ man lvrename.8

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

NAME

lvrename ? Rename a logical volume

SYNOPSIS

lvrename position_args
[option_args]

DESCRIPTION

lvrename renames an existing LV or a historical LV (see lvremove for historical LV information.)

USAGE

lvrename VG LV LV_new
[COMMON_OPTIONS]

lvrename LV LV_new
[COMMON_OPTIONS]

Common options for command:

[-A|--autobackup y|n]
[--noudevsync]
[--reportformat basic|json|json_std]

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 op?

tion 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.

--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.

--noudevsync

Disables udev synchronisation. The process will not wait for no?

tification from udev. It will continue irrespective of any possible udev processing in the background. Only use this if udev is not running or has rules that ignore the devices LVM creates.

`--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'.

`--reportformat basic|json|json_std`

Overrides current output format for reports which is defined globally by the `report/output_format` setting in `lvm.conf(5)`. `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 format. `json_std` produces report output in JSON format which is more compliant with JSON standard. See `lvmreport(7)` for more information.

`-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.

LV Logical Volume name. See `lvm(8)` for valid names. An LV posi?

tional arg generally includes the VG name and LV name, e.g.

VG/LV.

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.

EXAMPLES

Rename "lvold" to "lvnew":

```
lvrename /dev/vg02/lvold vg02/lvnew
```

An alternate syntax to rename "lvold" to "lvnew":

```
lvrename vg02 lvold lvnew
```

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), 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), lvmthin(7), lvmcache(7)

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