

NAME

lvm lvpoll – Continue already initiated poll operation on a logical volume

SYNOPSIS

lvm lvpoll *option_args position_args*
 [*option_args*]

DESCRIPTION

lvm lvpoll is an internal command used by **lvmpolld(8)** to monitor and complete **lvconvert(8)** and **pv-move(8)** operations. lvpoll itself does not initiate these operations and should not normally need to be run directly.

USAGE

lvm lvpoll --polloperation **pvmove|convert|merge|merge_thin** *LV ...*
 [**-A|--autobackup** *y|n*]
 [**-i|--interval** *Number*]
 [**--abort**]
 [**--handlemissingpvs**]
 [**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

- abort**
Stop processing a poll operation in lvmpolld.
- 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.

- handlemissingpvs**
Allows a polling operation to continue when PVs are missing, e.g. for repairs due to faulty devices.
- h|--help**
Display help text.
- i|--interval *Number***
Report progress at regular intervals.
- lockopt *String***
Used to pass options for special cases to lvmlockd. See **lvmlockd(8)** for more information.
- longhelp**
Display long help text.
- nolocking**
Disable locking.
- polloperation *pvmove|convert|merge|merge_thin***
The command to perform from lvmpoll.
- 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

LV

Logical Volume name. See **lvm(8)** for valid names. An LV positional arg generally includes the VG name and LV name, e.g. VG/LV.

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 kilobytes, m|M is megabytes, g|G is gigabytes, t|T is terabytes, p|P is petabytes, e|E is exabytes. (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.

NOTES

To find the name of the pvmove LV that was created by an original **pvmove /dev/name** command, use the command:

```
lvs -a -S move_pv=/dev/name.
```

EXAMPLES

Continue polling a pvmove operation.

```
lvm lvpoll --polloperation pvmove vg00/pvmove0
```

Abort a pvmove operation.

```
lvm lvpoll --polloperation pvmove --abort vg00/pvmove0
```

Continue polling a mirror conversion.

```
lvm lvpoll --polloperation convert vg00/lvmirror
```

Continue mirror repair.

```
lvm lvpoll --polloperation convert vg/damaged_mirror --handlemissingpvs
```

Continue snapshot merge.

```
lvm lvpoll --polloperation merge vg/snapshot_old
```

Continue thin snapshot merge.

```
lvm lvpoll --polloperation merge_thin vg/thin_snapshot
```

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)** **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)** **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)** **lvmddump(8)**

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

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