



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'lvm-lvpoll.8' command***

***\$ man lvm-lvpoll.8***

LVM(LVPOLL) Red Hat, Inc. LVM(LVPOLL)

### **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 pvmove(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 ]
- [ --devices PV ]
- [ --devicesfile String ]
- [ --driverloaded y|n ]
- [ --journal String ]
- [ --lockopt String ]
- [ --longhelp ]
- [ --nohints ]
- [ --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(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.

--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.

--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.

`--polloperation pvmove|convert|merge|merge_thin`

The command to perform from `lvmpolld`.

`--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 `lvmd(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: 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.

## NOTES

To find the name of the `pvmove` LV that was created by an original `pv`?

`move /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), 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), 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), cmirrord(8),  
lvmdbusd(8), fsadm(8),  
lvmsystemid(7), lvmreport(7), lvmraid(7), lvmthin(7), lvmcache(7)

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