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Rocky Enterprise Linux 9.2 Manual Pages on command 'lvm-lvpoll.8'

$ 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 di?

    rectly.

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) set?

    tings.   The String arg uses the same format as lvm.conf(5), or

may use section/field syntax. See lvm.conf(5) for more informa?

tion 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 de?

vices. 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) com?

mand.   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.   out?

put: record the default command output. debug: record full com?

mand debugging.

--lockopt String

Used to pass options for special cases to lvmlockd.   See lvm?

lockd(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 pro?
duce 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 --ver?
bose.   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 un?
usual 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 de?
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

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.

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)