

NAME

vgimportclone – Import a VG from cloned PVs

SYNOPSIS

vgimportclone *position_args*
[*option_args*]

DESCRIPTION

vgimportclone imports a VG from duplicated PVs, e.g. created by a hardware snapshot of existing PVs.

A duplicated VG cannot be used until it is made to coexist with the original VG. vgimportclone renames the VG associated with the specified PVs and changes the associated VG and PV UUIDs.

USAGE

vgimportclone *PV ...*
[**-n|--basevgname** *VG*]
[**-i|--import**]
[**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

-n|--basevgname *String*

By default the snapshot VG will be renamed to the original name plus a numeric suffix to avoid duplicate naming (e.g. 'test_vg' would be renamed to 'test_vg1'). This option will override the base VG name that is used for all VG renames. If a VG already exists with the specified name a numeric suffix will be added (like the previous example) to make it unique.

--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.

-h|--help

Display help text.

-i|--import

Import exported VGs. Otherwise VGs that have been exported will not be changed (nor will their associated PVs).

--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.

--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*PV*

Physical Volume name, a device path under `/dev`. For commands managing physical extents, a PV positional arg generally accepts a suffix indicating a range (or multiple ranges) of physical extents (PEs). When the first PE is omitted, it defaults to the start of the device, and when the last PE is omitted it defaults to end. Start and end range (inclusive): `PV[:PE-PE]...` Start and length range (counting from 0): `PV[:PE+PE]...`

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 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

An original VG "vg00" has PVs `"/dev/sda"` and `"/dev/sdb"`. The corresponding PVs from a hardware snapshot are `"/dev/sdc"` and `"/dev/sdd"`. Rename the VG associated with `"/dev/sdc"` and `"/dev/sdd"` from "vg00"

to "vg00_snap" (and change associated UUIDs).

vgimportclone **--basevgname** **vg00_snap** **/dev/sdc /dev/sdd**

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)**