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Rocky Enterprise Linux 9.2 Manual Pages on command 'vgimportclone.8'

$ man vgimportclone.8

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

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 hard?

   ware snapshot of existing PVs.

   A duplicated VG cannot used until it is made to coexist with the origi?

   nal 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]

      [--importdevices]

      [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

  -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(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.

-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).

--importdevices

Add devices to the devices file.

--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.

--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

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 ex‐ tents (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 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

An original VG "vg00" has PVs "/dev/sda" and "/dev/sdb". The corre‐ sponding 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), 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)