
Subject: [SOLVED] vzdump snapshot: mode failure - unable to detect lvm volume group

Posted by [narcisgarcia](#) on Thu, 04 Nov 2010 17:51:17 GMT

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Trying to make a backup with:

vzdump --snapshot 10000

makes another kind of copy:

INFO: starting new backup job: vzdump --snapshot 10000

INFO: Starting Backup of VM 10000 (openvz)

INFO: CTID 10000 exist mounted running

INFO: status = CTID 10000 exist mounted running

INFO: mode failure - unable to detect lvm volume group

INFO: trying 'suspend' mode instead

This is the result of vgdisplay:

--- Volume group ---

VG Name gexterior

System ID

Format lvm2

Metadata Areas 1

Metadata Sequence No 5

VG Access read/write

VG Status resizable

MAX LV 0

Cur LV 3

Open LV 3

Max PV 0

Cur PV 1

Act PV 1

VG Size 372,14 GiB

PE Size 4,00 MiB

Total PE 95268

Alloc PE / Size 95003 / 371,11 GiB

Free PE / Size 265 / 1,04 GiB

VG UUID *****

I've tried this in another computer with separate volume for /vz and it doesn't help.

According to the possible bug in subfunction get_lvm_mapping in

/usr/share/perl5/PVE/VZDump.pm , I've tested results of commands:

lvs --units m --separator ':' --noheadings -o vg_name,lv_name,lv_size 2>/dev/null

gexterior:sistema:19072,00m

gexterior:swap:5720,00m

gexterior:vz:1881504,00m

```
env LANG=C lvs --units m --separator ':' --noheadings -o vg_name,lv_name,lv_size 2>/dev/null
gexterior:sistema:19072,00m
gexterior:swap:5720,00m
gexterior:vz:1881504,00m
```

```
env LANGUAGE=en lvs --units m --separator ':' --noheadings -o vg_name,lv_name,lv_size
2>/dev/null
gexterior:sistema:19072,00m
gexterior:swap:5720,00m
gexterior:vz:1881504,00m
```

T've tried to replace the "--units m" by "--units M" and also the regex "\." by "[\.,]" but the backup method results the same.

Subject: get_lvm_mapping regex solved
Posted by [narcisgarcia](#) on Thu, 04 Nov 2010 17:56:14 GMT
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I'm using vldump 1.2.4
A patch is needed for function get_lvm_mapping in the file "VZDump.pm":

Change the line:
if (\$line =~ m/^\s*(\S+):(\S+):(\d+(\.\d+))M\$|) {
For the following:
if (\$line =~ m/^\s*(\S+):(\S+):(\d+([\.,]\d+))[mM]\$|) {

Then LVM devices will be well-detected worldwide.
