
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
```

I'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.
