
Subject: Vzdump --snapshot FAILURE - possible bug?? (long post)

Posted by [bogomolov](#) on Fri, 19 Oct 2007 02:11:16 GMT

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Hi folks

Im working in a HN with each VPS allocated in a LV partition (LVM).

Some (alot really) data from my setup:

```
test@hn01:~$ cat /etc/issue;uname -a
```

```
Debian GNU/Linux 4.0
```

```
Linux hn01 2.6.18-028stab031.1-openvz-smp #1 SMP Fri May 4 15:27:21 CEST 2007 i686
```

```
GNU/Linux
```

```
root@hn01:~# tree /var/lib/vz/ -d -L 2; tree /vz_volumes/ -d -L 1;tree /etc/vz/ -d -L 2;tree /var/lib/vz/private/ -L 1
```

```
/var/lib/vz/
```

```
|-- dump
```

```
|-- lock
```

```
|-- private
```

```
|  |-- 199
```

```
|  |-- 199_bck
```

```
|-- root
```

```
|  |-- 199
```

```
`-- template
```

```
    |-- cache
```

```
/vz_volumes/
```

```
`-- 199
```

```
/etc/vz/
```

```
|-- conf
```

```
|-- cron
```

```
|-- dists
```

```
|  |-- scripts
```

```
`-- names
```

```
/var/lib/vz/private/
```

```
|-- 199 -> /vz_volumes/199
```

```
`-- 199_bck
```

```
root@hn01:~# cat /etc/vz/conf/199.conf
```

```

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="40:40"
NUMPROC="65:65"
NUMTCPSOCK="80:80"
NUMOTHERSOCK="80:80"
VMGUARPAGES="6144:2147483647"
# Secondary parameters
KMEMSIZE="2752512:2936012"
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
OOMGUARPAGES="6144:2147483647"
# Auxiliary parameters
LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="16384:53575"
##
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"

PHYSPAGES="0:2147483647"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1899999:1999999"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"
HOSTNAME="vps199"
VE_ROOT="/var/lib/vz/root/$VEID"
VE_PRIVATE="/var/lib/vz/private/$VEID"
OSTEMPLATE="debian-4.0-i386-minimal"
ORIGIN_SAMPLE="vps.basic"
IP_ADDRESS="192.168.0.199"
NAMESERVER="200.165.132.155 200.149.55.140"
NAME="vps199"

root@hn01:~# vgdisplay
--- Volume group ---
VG Name          vg_openvz
System ID

```

```
Format                lvm2
Metadata Areas        1
Metadata Sequence No  375
VG Access              read/write
VG Status              resizable
MAX LV                0
Cur LV               1
Open LV               1
Max PV                0
Cur PV               1
Act PV               1
VG Size               61,20 GB
PE Size               4,00 MB
Total PE              15666
Alloc PE / Size       500 / 1,95 GB
Free PE / Size        15166 / 59,24 GB
VG UUID               Ql5mDf-3jLF-eUIL-q3gw-6vxB-0BN9-h9RnQO
```

```
root@hn01:~# lvm display
--- Logical volume ---
LV Name                /dev/vg_openvz/vps199
VG Name                vg_openvz
LV UUID                f6X3oo-t1M2-f7gz-cU8e-gDOq-uuFV-2NnR19
LV Write Access        read/write
LV Status              available
# open                 1
LV Size                1,95 GB
Current LE             500
Segments               1
Allocation             inherit
Read ahead sectors     0
Block device           253:0
```

```
root@hn01:~# mount|grep 199
/dev/mapper/vg_openvz-vps199 on /vz_volumes/199 type ext3 (rw)
```

```
root@hn01:~# vzctl start 199
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.0.199
Running VE script: /etc/vz/dists/scripts/debian-add_ip.sh
Setting CPU units: 1000
Configure meminfo: 16384
Set hostname: vps199
Running VE script: /etc/vz/dists/scripts/debian-set_hostname.sh
Running VE script: /etc/vz/dists/scripts/set_dns.sh
File resolv.conf was modified
```

VE start in progress...

```
root@hn01:~# vzctl status 199
VEID 199 exist mounted running
```

... and finally the error msg

```
root@hn01:~# vzdump --dumpdir /tmp/test --snapshot 199
INFO: starting backup for VPS 199 (/var/lib/vz/private/199)
INFO: creating lvm snapshot of /dev/mapper/vg_openvz-vps199 ('/dev/vg_openvz/vzsnap')
Logical volume "vzsnap" created
INFO: mounting lvm snapshot
Logical volume "vzsnap" successfully removed
ERROR: creating backup for VPS 199 failed (0.27 minutes): wrong lvm mount point
'/vz_volumes/199' at /usr/bin/vzdump line 693.
```

The strange thing - if i try in a shell what supposed vzdump script does (i think), all works fine.
See:

```
root@hn01:~# lvcreate --size 500m --snapshot --name vzsnap /dev/vg_openvz/vps199
Logical volume "vzsnap" created
```

```
root@hn01:~# lvdisplay
--- Logical volume ---
LV Name                /dev/vg_openvz/vps199
VG Name                vg_openvz
LV UUID                f6X3oo-t1M2-f7gz-cU8e-gDOq-uuFV-2NnR19
LV Write Access        read/write
LV snapshot status     source of
                        /dev/vg_openvz/vzsnap [active]
LV Status               available
# open                 1
LV Size                1,95 GB
Current LE              500
Segments               1
Allocation              inherit
Read ahead sectors     0
Block device           253:0
```

```
--- Logical volume ---
LV Name                /dev/vg_openvz/vzsnap
VG Name                vg_openvz
LV UUID                u1dowM-Gr1a-BQUp-9Mn4-gRZL-ISV2-KUi1i4
LV Write Access        read/write
```

```
LV snapshot status   active destination for /dev/vg_openvz/vps199
LV Status            available
# open               1
LV Size              1,95 GB
Current LE           500
COW-table size       500,00 MB
COW-table LE         125
Allocated to snapshot 3,01%
Snapshot chunk size  8,00 KB
Segments             1
Allocation           inherit
Read ahead sectors   0
Block device         253:3
```

```
root@hn01:~# mkdir /vzsnap;mount /dev/vg_openvz/vzsnap /vzsnap
```

```
root@hn01:~# mount|tail -n2
/dev/mapper/vg_openvz-vps199 on /vz_volumes/199 type ext3 (rw)
/dev/mapper/vg_openvz-vzsnap on /vzsnap type ext3 (rw)
```

I dont found the right sintax for "find|tar" what vldump does - so, i created one compressed imagefile with "dd".

```
root@hn01:~# dd if=/dev/vg_openvz/vzsnap bs=1M|gzip -9 - > /tmp/test/vps199_image.gz
2000+0 records in
2000+0 records out
2097152000 bytes (2,1 GB) copied, 255,589 seconds, 8,2 MB/s
```

Plz somebody givme some tip

and sry my bad "engrich"