

---

Subject: Ploop and unsupported underlying filesystem error.

Posted by [juriskrumins](#) on Mon, 24 Sep 2012 07:48:43 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

We're running 2 machine cluster in development environment just to figure out possible issues with RedHat cluster suite and OpenVZ technology.

Right now we've hit 2 issues.

The first one is using simfs for OpenVZ CT over GFS2 with quota enabled for CT leads us to inconsistent and incorrect disk usage values in quota file and a result CT hits quota and system denies any write attempts to CT. Reinitializing (stop CT, removing quota, start CT) solves issue only for a moment.

Thus we decided to try ploop over GFS2. And thus we hit the second problem:

```
[root@dev ~]# vzctl create 102 --ostemplate centos-6-x86_64-default --hostname test3 --layout  
ploop --diskspace 15G  
Creating image: /vz/private/102.tmp/root.hdd/root.hdd size=15728640K  
Creating delta /vz/private/102.tmp/root.hdd/root.hdd bs=2048 size=31457280 sectors  
Storing /gfs2/vz/private/102.tmp/root.hdd/DiskDescriptor.xml  
Adding delta dev=/dev/ploop0 img=/gfs2/vz/private/102.tmp/root.hdd/root.hdd (rw)  
Error in add_delta (ploop.c:1008): Can't add image /gfs2/vz/private/102.tmp/root.hdd/root.hdd:  
unsupported underlying filesystem  
Failed to create image: Error in add_delta (ploop.c:1008): Can't add image  
/gfs2/vz/private/102.tmp/root.hdd/root.hdd: unsupported underlying filesystem [3]  
Creation of container private area failed  
[root@dev ~]#
```

And so the question is, does anybody have ever successfully deployed OpenVZ CT over GFS2 including quota support ?

Running following OpenVZ kernel and utils:

```
Linux dev 2.6.32-042stab057.1 #1 SMP Fri Jun 22 02:17:07 MSD 2012 x86_64 x86_64 x86_64  
GNU/Linux  
vzkernel-2.6.32-042stab057.1.x86_64  
ploop-lib-1.4-1.x86_64  
ploop-1.4-1.x86_64  
vzctl-lib-3.3-1.x86_64  
vzctl-3.3-1.x86_64
```

Thanks in advance.

---