
Subject: Re: Problems encountered increasing CT disk space with layout=ploop
Posted by [kir](#) on Tue, 27 Mar 2012 12:48:10 GMT

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> Hi,
>
> Sorry for not posting in Bugzilla.
> I found this thread and figured it was the right place to discuss.
> Do you want me to open a bug in bugzilla ?

Yes please.

> Here is the mount line:
> /dev/ploop0p1 /srv/vz/root/102 ext4 rw,relatime,barrier=1,data=ordered 0 0

Right, no balloon_ino option...

>
>
> btw. resizing while the container is stopped does work.
>
> Here is some output:
> vzctl set 102 --diskspace 77G --save
> Can't ioctl mount_point: No such file or directory
> Failed to resize image: Can't ioctl mount_point: No such file or
> directory [3]
> CT configuration saved to /etc/vz/conf/102.conf
> [root@testsystem1 ~]# cat /proc/mounts | grep -w 102 | grep ploop
> /dev/ploop0p1 /srv/vz/root/102 ext4 rw,relatime,barrier=1,data=ordered 0 0
> [root@testsystem1 ~]# vzctl stop 102
> Stopping container ...
> Container was stopped
> Unmounting fs at /srv/vz/root/102
> Unmounting device /dev/ploop0
> Container is unmounted
> [root@testsystem1 ~]# vzctl set 102 --diskspace 77G --save
> Adding delta dev=/dev/ploop0 img=/srv/vz/private/102/root.hdd/root.hdd
> (rw)
> Mounting /dev/ploop0p1 at /srv/vz/private/102/root.hdd/root.hdd.mnt
> fstype=ext4 data='balloon_ino=12,'
> Growing dev=/dev/ploop0 size=150720512 sectors (new size=161480704)
> Storing GPT
> Executing: /sbin/resize2fs -p /dev/ploop0p1
> resize2fs 1.41.12 (17-May-2010)
> Das Dateisystem auf /dev/ploop0p1 ist auf
> /srv/vz/private/102/root.hdd/root.hdd.mnt eingehängt;
> Online-Größenveränderung nötig
> old desc_blocks = 5, new_desc_blocks = 5
> Führe eine Online-Größenänderung von /dev/ploop0p1 auf 20184827 (4k)

```
> Blöcke durch.  
> Das Dateisystem auf /dev/ploop0p1 ist nun 20184827 Blöcke groß.  
>  
> Executing: /sbin/tune2fs -r 1009254 /dev/ploop0p1  
> tune2fs 1.41.12 (17-May-2010)  
> Setze die Anzahl der reservierten Blöcke auf 1009254  
> Umounting fs at /srv/vz/private/102/root.hdd/root.hdd.mnt  
> Unmounting device /dev/ploop0  
> CT configuration saved to /etc/vz/conf/102.conf  
>  
> After starting it again, it is not working anymore:  
>  
> vzctl start 102  
> Starting container ...  
> Adding delta dev=/dev/ploop0 img=/srv/vz/private/102/root.hdd/root.hdd  
> (rw)  
> Mounting /dev/ploop0p1 at /srv/vz/root/102 fstype=ext4  
> data='balloon_ino=12,'
```

See -- balloon_ino option is passed on...

```
> Container is mounted  
> Adding IP address(es): 192.168.2.12  
> Setting CPU limit: 400  
> Setting CPU units: 1000  
> Setting CPUs: 4  
> Container start in progress...  
>  
> [root@testsystem1 ~]# cat /proc/mounts | grep -w 102 | grep ploop  
> /dev/ploop0p1 /srv/vz/root/102 ext4 rw,relatime,barrier=1,data=ordered 0 0
```

but it is not here. Hmm.

Can you check the dmesg please?

There should be something like

```
[597088.246208] ploop3: p1  
[597088.288093] EXT4-fs (ploop3p1): mounted filesystem with ordered data  
mode. Opts:  
[597088.290410] EXT4-fs (ploop3p1): loaded balloon from 12 (0 blocks)  
[597088.458139] CT: 123: started
```
