
Subject: Re: Problems encountered increasing CT disk space with layout=ploop
Posted by [svensirk](#) on Tue, 27 Mar 2012 13:03:13 GMT
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Hi,

here is the Bugzilla Bug ID: 2225
http://bugzilla.openvz.org/show_bug.cgi?id=2225

dmesg is:

```
[14476.673338] EXT4-fs (ploop0p1): mounted filesystem with ordered data mode. Opts:
[14476.674206] EXT4-fs (ploop0p1): loaded balloon from 12 (0 blocks)
[14476.719799] CT: 102: started
```

Thanks for caring and all.

By the way. ploop is really awesome ! Exactly what I have been looking for in OpenVZ for month.

It really solves a lot of problems with having containers on plain nfs.

many thanks,

Sirk

2012/3/27 Kir Kolyshkin <kir@openvz.org>

> 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
>> Unmounting 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
>
>
>

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