
Subject: Re: Problems encountered increasing CT disk space with layout=ploop
Posted by [kir](#) on Fri, 23 Mar 2012 20:47:13 GMT

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On 03/23/2012 10:27 PM, jjs - mainphrame wrote:

> We can successfully resize the simfs-based CT 777:

>

> [root@mrmber conf]# vzctl set 777 --diskspace=20000000:24000000 --save

> CT configuration saved to /etc/vz/conf/777.conf

For simfs case, this is not a real resize, but change of vzquota values.

That is why you have two values for quota -- soft and hard (and

--quotatime to set a grace period).

>

> But attempting to resize ploop-based CT 779 results in an error:

>

> [root@mrmber conf]# vzctl set 779 --diskspace=20000000:24000000 --save

This is irrelevant to the bug report, but just in case:

1 there's no need to specify two values for ploop disk size

2 you can use suffixes (like --diskspace 24G).

> 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]

This means ploop can't find the balloon file. That's pretty strange.

1 Have you created this CT using the same version of vzctl and ploop?

2 Do you have anything strange in dmesg?

3 Are you able to stop/start/mount/umount this CT?

In the meantime, I have tried to do the same as you did on my box

(running the same version of kernel, vzctl, and ploop):

```
[root@dhcp-10-30-21-127 ~]# vzctl set 200 --diskspace=20000000:24000000
```

```
--save
```

```
Growing dev=/dev/ploop0 size=4613734 sectors (new size=48000000)
```

```
Storing GPT
```

```
Executing: /sbin/resize2fs -p /dev/ploop0p1
```

```
resize2fs 1.41.12 (17-May-2010)
```

```
Filesystem at /dev/ploop0p1 is mounted on /vz/root/200; on-line resizing  
required
```

```
old desc_blocks = 1, new_desc_blocks = 2
```

```
Performing an on-line resize of /dev/ploop0p1 to 5999739 (4k) blocks.
```

```
The filesystem on /dev/ploop0p1 is now 5999739 blocks long.
```

```
Executing: /sbin/tune2fs -r 300000 /dev/ploop0p1
```

```
tune2fs 1.41.12 (17-May-2010)
Setting reserved blocks count to 300000
CT configuration saved to /etc/vz/conf/200.conf
[root@dhcp-10-30-21-127 ~]# vzctl exec 200 df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/ploop0p1    23G  674M   21G   4% /
```

```
> CT configuration saved to /etc/vz/conf/779.conf
>
> [root@mrmber conf]# for i in `vzlist -1`; do echo $i; vzctl exec $i df
> -T ; done
> 777
> Filesystem  Type  1K-blocks    Used Available Use% Mounted on
> /dev/simfs  simfs 20000000 376820 18532204  2% /
> tmpfs      tmpfs 131072      0 131072  0% /lib/init/rw
> tmpfs      tmpfs 131072      0 131072  0% /dev/shm
> 779
> Filesystem  Type  1K-blocks    Used Available Use% Mounted on
> /dev/ploop0p1 ext4 2268760 445756 1707756 21% /
> tmpfs      tmpfs 131072      0 131072  0% /lib/init/rw
> tmpfs      tmpfs 131072      0 131072  0% /dev/shm
> [root@mrmber conf]#
>
> Any advice on where to look for more info? dmesg had nothing to say
> about it, and vzctl.log says only what the command reported above.
>
> Regards,
>
> Joe
>
```
