
Subject: Inconsistent free space after resizing ve
Posted by [ildegiron](#) on Mon, 15 Dec 2008 08:07:47 GMT

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Hi!

I resized a ve which was originally set at 1GB, via:
\$ sudo vzctl set 101 --diskspace 2G:2G --save
\$ sudo vzctl set 101 --diskinodes 1000000:1200000 --save
\$ sudo vzctl set 101 --quotatime 600 --save

But from within the ve the allocated space is reported as

```
$ df -h
F.system      Size  Used Avail.Usage% Mounted
simfs         2.0G 469M 327M 59% /
tmpfs         247M  0 247M  0% /lib/init/rw
tmpfs         247M  0 247M  0% /dev/shm
```

```
$ df -i
F.system      Inodes Used  Free  Usage% Mounted
simfs         1000000 21623 978377  3% /
tmpfs         63117   2 63115  1% /lib/init/rw
tmpfs         63117   1 63116  1% /dev/shm
```

There's plenty of real space in my vz partition. Also no quotas have been set for this ve.

Subject: Re: Inconsistent free space after resizing ve
Posted by [maratrus](#) on Mon, 15 Dec 2008 08:36:43 GMT

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Hello,

So, the problem is that (469M + 327M != 2G).
could you please tell the exact kernel version, vzctl version, and the exact template your VE is based on (where have you got it?), and also "ls -l /etc/mtab", "cat /etc/mtab", "cat /proc/mounts"

Subject: Re: Inconsistent free space after resizing ve
Posted by [ildegiron](#) on Tue, 16 Dec 2008 16:44:27 GMT

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Hi!

Thanks for your fine reply. This is what I got.
My distro:
Debian Etch.

Kernel:

<http://download.openvz.org/kernel/branches/2.6.18/current/configs/kernel-2.6.18-i686.config.ovz>

As reported by `uname -r`

2.6.18-1-openvz #1 Thu Jan 3 00:31:31 CST 2008 i686

vzctl version:

3.0.11

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Template:

<http://download.openvz.org/template/precreated/debian-4.0-i386-minimal.tar.gz>

`ls -l /etc/mtab`

```
lrwxrwxrwx 1 root root 12 2008-12-14 01:34 /etc/mtab -> /proc/mounts
```

`cat /etc/mtab`

```
simfs / simfs rw 0 0
```

```
tmpfs /lib/init/rw tmpfs rw,nosuid 0 0
```

```
proc /proc proc rw,nosuid,nodev,noexec 0 0
```

```
tmpfs /dev/shm tmpfs rw,nosuid,nodev 0 0
```

```
devpts /dev/pts devpts rw,nosuid,noexec 0 0
```

`cat /proc/mounts`

```
simfs / simfs rw 0 0
```

```
tmpfs /lib/init/rw tmpfs rw,nosuid 0 0
```

```
proc /proc proc rw,nosuid,nodev,noexec 0 0
```

```
tmpfs /dev/shm tmpfs rw,nosuid,nodev 0 0
```

```
devpts /dev/pts devpts rw,nosuid,noexec 0 0
```

Regards

Subject: Re: Inconsistent free space after resizing ve

Posted by [maratrus](#) on Wed, 17 Dec 2008 17:11:55 GMT

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Hello,

your vzctl and possibly vzquota are rather old.

Do you have a chance upgrade them?

Subject: Re: Inconsistent free space after resizing ve

Posted by [ildegiron](#) on Wed, 17 Dec 2008 18:50:04 GMT

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Hello.

My server is running Debian Etch. Packages vzctl and vzquota are up to date for this setup --stable--. So it seems that in order to update both I would need to recompile/patch the kernel, but I won't be able to try it until next week. I'll post any results then.

Thanks.
