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/co nfigs/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
Copyright (C) 2000-2005 SWsoft.

Template:
http://download.openvz.org/template/precreated/debian-4.0-i3 86-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

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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?

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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.

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