Subject: PBM: df in container reports 0% used
Posted by VinzC on Sat, 07 Nov 2009 11:31:11 GMT
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Hi.

I've installed OpenVZ on gentoo. I'm now using kernel 2.6.27-openvz-briullov.1-r3. All my VE's are mounted from an XFS partition, i.e. /vz directory is mounted with a LVM2 logical volume that is formated with XFS.

All my VE's are Debian 5.0, which template I downloaded from OpenVZ wiki. When I run df in each of my VE's, it reports zero space used.

```
# df -h
Filesystem            Size  Used Avail Use% Mounted on
simfs                 2.0G     0  2.0G   0% /
tmpfs                 2.0G     0  2.0G   0% /lib/init/rw
tmpfs                 2.0G     0  2.0G   0% /dev/shm
```

I had enabled XFS quota previously and I thought that was the reason but I now have disabled that option in the kernel and rebooted. No change.

VZ modules seem to be loaded, BTW -- unless I missed something:

```
# lsmod | grep vz
vznetdev              20168  6
vzrst                117736  0
vzcpt                100408  0
vzdquota              38580  3 [permanent]
vzmon                 26512  6 vznetdev,vzrst,vzcpt
vzdev                 3344  3 vznetdev,vzdquota,vzmon
```

I'm using Gentoo stable branch and really safe CFLAGS:

```
CFLAGS="-march=opteron -O2 -pipe"
CXXFLAGS="${CFLAGS}"
```

I have "upgraded" from 2.6.18-openvz-028.053-r2, which didn't exhibit that problem. It's the first time I'm using Briullov patchset.

Does anybody have an idea on what I should check next?

Thanks in advance.

Subject: Re: PBM: df in container reports 0% used
Posted by Paparaciz on Sat, 07 Nov 2009 14:01:28 GMT
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http://wiki.openvz.org/FAQ#What_filesystems_should_I_choose_ for_saving_my_containers.3F

http://wiki.openvz.org/Disk_quota

Subject: Re: PBM: df in container reports 0% used
Posted by VinzC on Sat, 07 Nov 2009 15:27:43 GMT
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Well, thanks. I've just made a tour towards the Wiki and saw the notes about quotas and non-EXT filesystems. Is there undergoing or planned work to support other filesystems? That's what I'd like to know. I wouldn't say ext2/3 are going to die but one day they won't be any longer on top of the prefered list of filesystems...