
Subject: Quotas / Disk Space

Posted by [Douglas Phillips](#) on Fri, 03 Nov 2006 20:19:49 GMT

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First of all, this is my first post to the list. I've tried to do some research and investigation on this, but at this point have not found anything useful.

Here's the scenario:

Customer using OpenVZ, RHEL 4 Update 3, Kernel 2.6.9-023stab016.2-smp
They tell me that they have 200G of space on the drive, and there is one partition that is not mounted, but when I try to mount comes up with "/dev/hda6 already mounted or /mnt/test busy".

I'm assuming that VZ is using that partition in a raw format, although I have no specific information that I've found that confirms that. Am I correct?

Mount points on the host machine are as follows:

```
[root@(machine) ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/hda3       20G  9.1G  9.7G  49% /
/dev/hda1       99M   45M   50M  48% /boot
none            1008M    0 1008M   0% /dev/shm
/dev/hda2       20G  13G  5.8G  70% /var
/dev/mapper/vps-swap 20G  18G  1.7G  92% /srv/vservers/swap
[root@(machine) ~]# mount
/dev/hda3 on / type ext3 (rw)
none on /proc type proc (rw)
none on /sys type sysfs (rw)
none on /dev/pts type devpts (rw,gid=5,mode=620)
/dev/hda1 on /boot type ext3 (rw)
none on /dev/shm type tmpfs (rw)
/dev/hda2 on /var type ext3 (rw)
/dev/mapper/vps-swap on /srv/vservers/swap type ext3 (rw)
[root@(machine) ~]#
```

The problem is as follows:

There are 6 VEs currently running on the system, 4 with quotas set at 11GB, 1 at 5GB, and the one in question which was at 5GB, but which I upped to 20GB. When I "rebooted" this VPS, #102, and I go back, the quota stat shows quota back at 5GB.

The internal df output shows the following:

```
bash-3.00# df -h
Filesystem      Size  Used Avail Use% Mounted on
simfs           3.4G  699M  1.7G  30% /
tmpfs           1008M    0 1008M   0% /dev/shm
```

```
tmpfs          1008M    0 1008M   0% /dev/shm
bash-3.00#
```

The desired result is that the filesystem would have 20GB available to it. Obviously that's not happening. Since I am not familiar with OpenVZ, I'd like to get some suggestions from the community on where I should look to resolve the issue.

Thanks in advance,

--

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