
Subject: *SOLVED* Disk space issue
Posted by [dagr](#) on Mon, 11 Dec 2006 11:18:17 GMT
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for 1 of my VPS - disk space is shown wrong .

```
[dagr@ssw2-ca dagr]$ sudo vzctl enter php4_base
entered into VE 10411
[root@10 /]# df -h
Filesystem      Size  Used Avail Use% Mounted on
simfs           1.0G  827M  198M  81% /
ext3            485M  431M   29M  94% /vps_static
[root@10 /]# du -ms /
460  /
[root@10 /]#
////////////////////////////////////
```

Why 827Mb used ? Usually it happens when some processes keeps inodes but its not this case

```
[root@10 /]# ps -ef
UID      PID  PPID  C  STIME TTY      TIME CMD
root     1    0    0  14:03 ?        00:00:00 init [3]
root    14128  1    0  14:03 ?        00:00:00 syslogd -m 0
root    14196  1    0  14:03 ?        00:00:00 crond
root    16487  1    0  14:06 ?        00:00:00 vzctl: pts/0
root    17512 16487  0  14:06 pts/0   00:00:00 -bash
root    18242 17512  0  14:09 pts/0   00:00:00 ps -ef
```

```
////////////////////////////////////
```

I have very similar VPS and its ok - at least 486Mb and 563Mb are quite close.

```
[dagr@ssw2-ca dagr]$ sudo vzctl enter php5_base
entered into VE 10511
[root@10 /]# df -h
Filesystem      Size  Used Avail Use% Mounted on
simfs           1.0G  563M  462M  55% /
ext3            485M  431M   29M  94% /vps_static
[root@10 /]# du -ms ./
486  ./
////////////////////////////////////
```

Mounts are the same. Confs - identical except ips. From HN it looks like this

```
[dagr@ssw2-ca dagr]$ sudo cat /proc/vz/vzquota
qid: path      usage  softlimit  hardlimit  time  expire
10411: /u03/vz/private/10411
   1k-blocks   846132  1048576   1153434    0    0
   inodes     30717   200000    220000    0    0
```

```
10511: /u03/vz/private/10511
1k-blocks    575760    1048576    1153434    0    0
inodes       27783     200000     220000     0    0
```

```
[dagr@ssw2-ca dagr]$ sudo du -ms /vz/private/10411/
37  /vz/private/10411
[dagr@ssw2-ca dagr]$ sudo du -ms /vz/private/10511/
63  /vz/private/10511
[dagr@ssw2-ca dagr]$ sudo du -ms /vz/root/10411/
460 /vz/root/10411
[dagr@ssw2-ca dagr]$ sudo du -ms /vz/root/10511/
486 /vz/root/10511
```

(vzctl 3.0.13 kernel 2.6.9-023stab032.1-smp and 2.6.18-028test007-smp , RHEL4 x86)

Subject: Re: Disk space issue
Posted by [dagr](#) on Mon, 11 Dec 2006 14:53:29 GMT
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BTW - reboot of HN doesnt help

Subject: Re: Disk space issue
Posted by [Vasily Tarasov](#) on Tue, 12 Dec 2006 07:10:54 GMT
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There is an article on wiki:
http://wiki.openvz.org/OpenVZ_disk_quota%2C_df_and_stat_weird_behaviour
concerning df/stat output on simfs if vzquota is on.
Please, read it.

HTH,
Vasily

Subject: Re: Disk space issue
Posted by [dagr](#) on Tue, 12 Dec 2006 14:05:50 GMT
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Nice - in my case it was cause i made some deletion directly in private area from HN , and vz didnt updated quota info. I suspected that somehow vz keeps old info. After i dropped quota - all went ok.

Bad thing that wiki docs are clamzy. Totally unclear in what category to seek this article http://wiki.openvz.org/OpenVZ_disk_quota%2C_df_and_stat_weird_behaviour. I tried every of Main Categories,even Entry Points pages - nothing.

Was able to find it only here <http://wiki.openvz.org/Special:Allpages> and in Recent pages - which is uncomfortable.

Subject: Re: Disk space issue
Posted by [Vasily Tarasov](#) on Tue, 12 Dec 2006 14:15:49 GMT
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You're right, we're working on this problem and I hope soon wiki-pages will be reordered in much more clear manner.

Thank you for using OpenVZ!
Vasily.
