

---

Subject: \*SOLVED\* Disk space issue

Posted by [dagr](#) on Mon, 11 Dec 2006 11:18:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

BTW - reboot of HN doesnt help

---

Subject: Re: Disk space issue

Posted by [Vasily Tarasov](#) on Tue, 12 Dec 2006 07:10:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

There is an article on wiki:

[http://wiki.openvz.org/OpenVZ\\_disk\\_quota%2C\\_df\\_and\\_stat\\_weir d\\_behaviour](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

[View Forum Message](#) <> [Reply to Message](#)

---

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](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  
[View Forum Message](#) <> [Reply to Message](#)

---

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.

---