
Subject: cPanel Quotas

Posted by [liamw](#) on Wed, 31 May 2006 22:56:30 GMT

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Hey

I've just started to get the hang of OpenVZ and have read through the forum and it has helped me on a lot of things but I could only find 2 posts on this and they didn't help...

I installed cPanel on a CentOS VPS created using OpenVZ. But the quotas are broken.. I was reading something about second level quotas ?

I tried to enable them using this and then restarting but it didnt work...

```
vzctl set 50 --quotauidlimit 1000 --save
```

All of the quotas show as unlimited. Any ideas?

Thanks

Liam

Subject: Re: cPanel Quotas

Posted by [dim](#) on Thu, 01 Jun 2006 07:40:53 GMT

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--quotauidlimit sets limit on the number of users/groups, for which second level quota is supported. Use edquota command inside VPS or vzquota on hardware node. `man vzquota` and `man edquota` will help.

Subject: Re: cPanel Quotas

Posted by [liamw](#) on Thu, 01 Jun 2006 07:51:14 GMT

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Hmm....

Still lost. Any extra help with that ?

Thanks

Liam

Subject: Re: cPanel Quotas

Posted by [dim](#) on Thu, 01 Jun 2006 07:53:36 GMT

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Please provide output of the following commands inside VPS:

1) cat /etc/mtab
2) repquota -a

Subject: Re: cPanel Quotas

Posted by [liamw](#) on Thu, 01 Jun 2006 07:56:36 GMT

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[root@new ~]# vzctl enter 50

entered into VPS 50

-bash-3.00# cat /etc/mtab

/dev/simfs / reiserfs rw,usrquota,grpquota 0 0

proc /proc proc rw,nodiratime 0 0

devpts /dev/pts devpts rw 0 0

/tmp /var/tmp none rw,noexec,nosuid,bind 0 0

-bash-3.00# repquota -a

*** Report for user quotas on device /dev/simfs

Block grace time: 00:00; Inode grace time: 00:00

User	Block limits			File limits			
	used	soft	hard	grace	used	soft	hard

root	--	1877380	0	0	59072	0	0	
bin	--	22896	0	0	97	0	0	
daemon	--	500	0	0	50	0	0	
nobody	--	12	0	0	6	0	0	
named	--	52	0	0	13	0	0	
rpm	--	13744	0	0	109	0	0	
mailnull	--	132	0	0	31	0	0	
apache	--	8	0	0	2	0	0	
exim	--	8	0	0	2	0	0	
mysql	--	21364	0	0	108	0	0	
mailman	--	60652	0	0	4071	0	0	
cpanel	--	79724	0	0	4426	0	0	
liamtest	--	188	0	0	53	0	0	
#500	--	2088	0	0	107	0	0	
#501	--	7320	0	0	751	0	0	
#502	--	60	0	0	13	0	0	
#1000	--	44336	0	0	3779	0	0	
#1001	--	2016	0	0	165	0	0	
#253	--	268	0	0	30	0	0	
#39957	--	52	0	0	10	0	0	

THANK YOU

Liam

Subject: Re: cPanel Quotas

Posted by [youp](#) on Thu, 01 Jun 2006 08:00:57 GMT

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stop the VPS, and delete the file quota.50 in /var/vzquota/
and restart the VPS.

when the vps is started, start the script /scripts/fixquota

BR

Subject: Re: cPanel Quotas

Posted by [liamw](#) on Thu, 01 Jun 2006 08:08:23 GMT

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I did that... fixquotas did run without all of the "illegal" errors.... but it's still showing as unlimited in cPanel:

```
-bash-3.00# /scripts/fixquotas
```

```
Installing Default Quota Databases.....Done
```

```
Quotas are now on
```

```
Updating Quota Files.....
```

```
quotacheck: Scanning /dev/simfs [/] done
```

```
quotacheck: Checked 5801 directories and 69024 files
```

```
quotacheck: Cannot turn user quotas off on /dev/simfs: Invalid argument
```

```
Kernel won't know about changes quotacheck did.
```

```
quotacheck: Cannot turn group quotas off on /dev/simfs: Invalid argument
```

```
Kernel won't know about changes quotacheck did.
```

```
quotacheck: Scanning /dev/simfs [/] done
```

```
quotacheck: Checked 5801 directories and 69024 files
```

```
....Done
```

```
Resetting quota for liamtest to 50 M
```

```
-----  
Thanks
```

```
Liam
```

Subject: Re: cPanel Quotas

Posted by [youp](#) on Thu, 01 Jun 2006 08:13:02 GMT

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stop the vps and delete your quota.50 file first , and restart the command fixquota, it's work for me

Subject: Re: cPanel Quotas
Posted by [liamw](#) on Thu, 01 Jun 2006 08:21:39 GMT
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```
[root@new ~]# vzctl stop 50
Stopping VPS ...
VPS was stopped
VPS is unmounted
```

quota.50 deleted from /var/vzquota/

```
[root@new ~]# vzctl restart 50
Restarting VPS
Starting VPS ...
Initializing quota ...
VPS is mounted
Adding IP address(es): 66.199.236.252
Setting CPU units: 1000
Set hostname: testvps.domain.com
File resolv.conf was modified
Setting quota ugidlimit: 1000
VPS start in progress...
```

Entered into VPS 50 and ran /scripts/fixquotas

```
quotacheck: Block 1: Reference to illegal block 0
quotacheck: Block 1: Reference to illegal block 0
quotacheck: Block 1: Reference to illegal block 0
quotacheck: Block 1: Reference to illegal block 0
quotacheck: Block 1: Reference to illegal block 0
```

Re-running /scripts/fixquotas for a 2nd time

```
-bash-3.00# /scripts/fixquotas
Installing Default Quota Databases.....Done
Quotas are now on
Updating Quota Files.....
quotacheck: Scanning /dev/simfs [/] done
quotacheck: Checked 5806 directories and 69026 files
quotacheck: Cannot turn user quotas off on /dev/simfs: Invalid argument
Kernel won't know about changes quotacheck did.
quotacheck: Cannot turn group quotas off on /dev/simfs: Invalid argument
Kernel won't know about changes quotacheck did.
```

```
quotacheck: Scanning /dev/simfs [/] done
quotacheck: Checked 5806 directories and 69026 files
```

....Done

Resetting quota for liamtest to 50 M

Quotas still show as unlimited in cPanel

Any ideas?

Appreciate your help
Liam

Subject: Re: cPanel Quotas
Posted by [youp](#) on Thu, 01 Jun 2006 08:28:11 GMT
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could you retest with this commands :

```
# vzctl stop $VPSID  
# vzquota drop $VPSID  
# vzctl start $VPSID
```

and ran fixquota after ...

you could check the quota with edquota

edquota \$username

BR

Subject: Re: cPanel Quotas
Posted by [dim](#) on Thu, 01 Jun 2006 08:28:31 GMT
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did you try `edquota` inside VPS?

If you'll provide access to your node (in PM please, or by email to dim_at_openvz_org), I could check what's wrong myself.

Subject: Re: cPanel Quotas
Posted by [liamw](#) on Thu, 01 Jun 2006 11:20:13 GMT
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Tried what youp said but still the problem remains

Have PM'd dim

Thanks guys
Liam

Subject: Re: cPanel Quotas
Posted by [dim](#) on Thu, 01 Jun 2006 11:46:59 GMT
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In our VPS, when the second level quota is enabled, files /aquota.{user,group} are symlinks to /proc/vz/vzaquota/*/aquota.{user,group} files. They are created by vzctl on the VPS start. Seems that CPanel somehow broke them, rewriting by the regular file.
Fixed for VPS 50.

Subject: Re: cPanel Quotas
Posted by [liamw](#) on Thu, 01 Jun 2006 14:14:53 GMT
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Great - it's fixed.

Thanks very much.

Do you have any instructions for future cPanel VPS like this ?

Thanks
Liam

Subject: Re: cPanel Quotas
Posted by [dim](#) on Thu, 01 Jun 2006 14:43:07 GMT
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I don't use CPanel. Probably, if it asks to recreate user/group quotas, you should answer no. Anyway, if the above problem arises, just remove /aquota.* files and make them to be symlinks to respective /proc/vz/vzaquota/* files.

Subject: Re: cPanel Quotas
Posted by [liamw](#) on Thu, 01 Jun 2006 19:35:37 GMT
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Hmm Thanks for that.

There doesn't seem to be any files in /proc/vz/vzaquota/....

Any clues for creating the symlinks ?

Trying to fix it on another VPS now

Thanks
Liam

Subject: Re: cPanel Quotas
Posted by [RapidVPS](#) on Fri, 02 Jun 2006 12:44:15 GMT
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Heres what I do, there may be a more elegant solution, but its free:

```
rm -rf /aquota.user 2>/dev/null
rm -rf /aquota.group 2>/dev/null
unlink /aquota.user 2>/dev/null
unlink /aquota.group 2>/dev/null
for x in `find /proc/vz/vzaquota/ | tail -1 | xargs find | tail -2 `; do ln -s $x /; done
```

Subject: Re: cPanel Quotas
Posted by [dev](#) on Sat, 03 Jun 2006 06:37:20 GMT
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it is also possible to replace quotacheck and fixquota tools with symlinks to /bin/true

Subject: Re: cPanel Quotas
Posted by [RapidVPS](#) on Sat, 03 Jun 2006 06:41:59 GMT
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Quote:it is also possible to replace quotacheck and fixquota tools with symlinks to /bin/true Smile
Bad solution because all of the files in /scripts are frequently freshened during a cpanel update.

Subject: Re: cPanel Quotas
Posted by [dev](#) on Sun, 04 Jun 2006 04:45:01 GMT
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does CPanel ship its own version of quotacheck? sounds unbelievable for me. Can you strace fixquota please to check whether it recalculates quota itself or simply executes std /sbin/quotacheck?

Subject: Re: cPanel Quotas

Posted by [RapidVPS](#) on Sun, 04 Jun 2006 05:25:00 GMT

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Cpanel uses standard linux quota tools, it has many scripts which wrap the tools you are used to.

```
/scripts/initquotas:
print "Updating Quota Files.....";
if ($val =~ /quota-format/ || $val =~ /Utility for checking/) {
    quotarun("/sbin/quotacheck", "-guvamf", "-F", "vfvsv0");
    quotarun("/sbin/quotacheck", "-guvamf", "-F", "vfvsvold");
} elsif ($val =~ /invalid option/ || $val =~ /usage: quotacheck -a/) {
    quotarun("/sbin/quotacheck", "-guva");
} else {
    quotarun("/sbin/quotacheck", "-Ffguva");
}
```

Subject: Re: cPanel Quotas

Posted by [dev](#) on Sun, 04 Jun 2006 07:57:19 GMT

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Ok, in this case I suggest to replace /sbin/quotacheck (which is not part of CPanel) with /bin/true. This tool is really rare to be updated.

Subject: Re: cPanel Quotas

Posted by [gral](#) on Mon, 25 Sep 2006 14:17:37 GMT

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i still with problems, i try everything in this thread but my quotas continue unlimited, question...

The quotas must be enabled in the hardware node right?

Cheers!!!

Subject: Re: cPanel Quotas

Posted by [gral](#) on Mon, 25 Sep 2006 15:25:41 GMT

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Fix it!

Heres what I do, there may be a more elegant solution, but its free:

```
rm -rf /aquota.user 2>/dev/null
rm -rf /aquota.group 2>/dev/null
unlink /aquota.user 2>/dev/null
unlink /aquota.group 2>/dev/null
for x in `find /proc/vz/vzaquota/ | tail -1 | xargs find | tail -2 `; do ln -s $x /; done
```

But why do it this, the WHM take the correct quota??, and this fix my repquota -a too, because before that the repquota show the hard and the soft limit in 0 and now the limits are correct!

Thanks

Subject: Re: cPanel Quotas

Posted by [sachin](#) on Wed, 19 Sep 2007 06:06:56 GMT

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i did the above steps but when i check in list account it is still showing unlimited
do i have to restart vps or run fixquota?

Thank you

Subject: Re: cPanel Quotas

Posted by [rickb](#) on Wed, 19 Sep 2007 06:28:19 GMT

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ls -al / | grep quota

what does this show?

Subject: Re: cPanel Quotas

Posted by [sachin](#) on Wed, 19 Sep 2007 10:15:28 GMT

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ls -al / | grep quota

```
lrwxrwxrwx 1 root root 18 Sep 19 14:05 vzaquota -> /proc/vz/vzaquota//
```

we are facing this issue when we transfered vps from old server to new server.

Thank you

Subject: Re: cPanel Quotas

Posted by [pjssms](#) on Wed, 03 Oct 2007 01:33:35 GMT

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I use hypervm.

How do i stop and restart the vps ?.

I have found it.
with the root access.

Now, i am getting this error:

```
vzquota : (warning) ugid_limit [1000] < ugid_current_usage [1041]
```

```
vzquota : (warning) ugid_limit [1000] < ugid_current_usage [1041]
```

```
vzquota : (warning) Quotas were not loaded for some users/groups for id 130 due to ugid limit  
VE is mounted
```

How do i increase this ugid limit ?

Subject: Re: cPanel Quotas

Posted by [dev](#) on Wed, 03 Oct 2007 07:46:46 GMT

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UGIDLIMIT=3000 in VE config and restart VE.

Subject: Re: cPanel Quotas

Posted by [pjssms](#) on Wed, 03 Oct 2007 17:37:35 GMT

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thank you for your answer. But where is VE config ? Is a parameter ? A file ? or some program i must run ?.

After stoping the vps or when ?

Thank you,

Subject: Re: cPanel Quotas

Posted by [pjssms](#) on Thu, 04 Oct 2007 01:06:23 GMT

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```
vzctl set 130 --quotauidlimit 3000 --save
```
