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Subject: vzquota : (error) Quota on syscall for 777: No such file or directory

Posted by [pivert](#) on Sun, 27 Aug 2006 22:26:47 GMT

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Hello,

I have two openvz servers, but on one server, I have an error with quotas. When I start the VM, I have :

```
serveur ~ # vzctl start 777
Starting VPS ...
vzquota : (error) Quota on syscall for 777: No such file or directory
vzquota on failed [3]
```

I can start the VM if I disable the quota in vz.conf

Using sys-cluster/vzctl-3.0.10-r2, vzquota-3.0.8  
and kernel 2.6.16-026test015.

Here is what I have in my kernel :

```
Quote:serveur ~ # gzcat /proc/config.gz | grep 'VZ|QUOTA'
# CONFIG_XFS_QUOTA is not set
CONFIG_QUOTA=y
# CONFIG_QUOTA_COMPAT is not set
CONFIG_VZ_QUOTA=m
# CONFIG_VZ_QUOTA_UNLOAD is not set
CONFIG_VZ_QUOTA_UGID=y
CONFIG_QUOTACTL=y
# OpenVZ
CONFIG_VZ_WDOG=m
serveur ~ #
```

What could I check ?

Regards,

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory

Posted by [curx](#) on Mon, 28 Aug 2006 08:53:03 GMT

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Hi,

> vzquota : (error) Quota on syscall for 777: No such file or directory

folder exist to store the quota files ?

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [Vasily Tarasov](#) on Mon, 28 Aug 2006 13:36:24 GMT  
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What kernel,vzquota and vzctl version do you use?  
Thanks.

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Mon, 28 Aug 2006 17:38:14 GMT  
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Hi,

Sorry, do I need any particular folder to store the quotas ?

I just followed the howto generate a Gentoo VM from stage3 in the Wiki.

Regards,

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [curx](#) on Mon, 28 Aug 2006 18:46:10 GMT  
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Hi,

yes, you need a folder, where the quota-files are stored,  
i doesn't really know where the g2 set the var-folder of "vzquota"

Please take a look in the vzquota-src:  
If variable "VARDIR" is set to "/var", than vzquota-var-folder is "/var/vzquota".

or "strace vzquota show <veid> 2>&1 | grep open"

... on a debian host (as a example)

```
open("/etc/ld.so.preload", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY)   = 3
open("/lib/libc.so.6", O_RDONLY)     = 3
open("/var/lib/vzquota/quota.<veid>", O_RDWR|O_LARGEFILE) = 3
```

show's me, vzquota, opens a file in folder "/var/lib/vzquota" folder, reading the quota.<veid> stats.file!

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Mon, 28 Aug 2006 19:36:55 GMT  
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---

Hi,

Just checked, the folder(and the quota file) are presents :

```
serveur ~ # vzctl start 777
Starting VPS ...
vzquota : (error) Quota on syscall for 777: No such file or directory
vzquota on failed [3]
serveur ~ # vzquota show 777
  resource      usage      softlimit  hardlimit  grace
  1k-blocks     497308    1048676   1153534
  inodes        36200     200100    220100
serveur ~ # vi /var/vzquota/quota.777
serveur ~ # ls -l /var/vzquota/quota.777
-rw----- 1 root root 131 2006-08-27 23:54 /var/vzquota/quota.777
serveur ~ #
```

BTW,

I created a vm such as described in :  
[http://gentoo-wiki.com/HOWTO\\_OpenVZ](http://gentoo-wiki.com/HOWTO_OpenVZ)  
And the vm starts without any problem.

So the problem is probably not in openvz, but in the way I created the VM. I followed the guide :  
[http://wiki.openvz.org/Gentoo\\_template\\_creation](http://wiki.openvz.org/Gentoo_template_creation)

Regards,

---

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [curx](#) on Mon, 28 Aug 2006 19:52:24 GMT  
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---

Hi,

ok, the quota.files exist, but please start the ve with --verbose mode, so you can see more information about the start process.

```
$ vzctl --verbose start 777
```

---

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory

Posted by [pivert](#) on Mon, 28 Aug 2006 20:20:05 GMT

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Here are when I launch my vms.

777 is the vm that I want to create myself (from [http://wiki.openvz.org/Gentoo\\_template\\_creation](http://wiki.openvz.org/Gentoo_template_creation) )

101 is a gentoo vm that I downloaded ( as explained in [http://gentoo-wiki.com/HOWTO\\_OpenVZ](http://gentoo-wiki.com/HOWTO_OpenVZ) )

The problem is only on the 777. The 101 starts.

It looks like there is smth missing in 777.

```
serveur private # vzctl --verbose start 777
```

```
Unable to open /usr/lib/vzctl/modules/: No such file or directory
```

```
Starting VPS ...
```

```
Running: /usr/sbin/vzquota show 777
```

```
Running: /usr/sbin/vzquota on 777 -r 0 -b 1048676 -B 1153534 -i 200100 -l 220100 -e 0 -n 0 -s 0
```

```
vzquota : (error) Quota on syscall for 777: No such file or directory
```

```
vzquota on failed [3]
```

```
serveur private # vzctl --verbose start 101
```

```
Unable to open /usr/lib/vzctl/modules/: No such file or directory
```

```
Starting VPS ...
```

```
Running: /usr/sbin/vzquota show 101
```

```
Running: /usr/sbin/vzquota on 101 -r 0 -b 1048676 -B 1153534 -i 200100 -l 220100 -e 0 -n 0 -s 0
```

```
Mounting root: /mnt/files/vz/root/101 /mnt/files/vz/private/101
```

```
VPS is mounted
```

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory

Posted by [curx](#) on Mon, 28 Aug 2006 20:31:20 GMT

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Hi Pivert,

```
> serveur private # vzctl --verbose start 777
```

```
>Unable to open /usr/lib/vzctl/modules/: No such file or directory
```

... create this dir and the error is done, bug filled, but no response yet

([http://bugzilla.openvz.org/show\\_bug.cgi?id=198](http://bugzilla.openvz.org/show_bug.cgi?id=198))

```
>Starting VPS ...
```

```
>Running: /usr/sbin/vzquota show 777
```

```
>Running: /usr/sbin/vzquota on 777 -r 0 -b 1048676 -B 1153534 -i >200100 -l 220100 -e 0 -n 0 -s 0
```

```
>vzquota : (error) Quota on syscall for 777: No such file or >directory
```

```
>vzquota on failed [3]
```

... where is the root and private folder of this ve ???  
Is see no mount process for this one, please poste the config of ve 777!

```
>serveur private # vzctl --verbose start 101
>Unable to open /usr/lib/vzctl/modules/: No such file or directory
>Starting VPS ...
>Running: /usr/sbin/vzquota show 101
>Running: /usr/sbin/vzquota on 101 -r 0 -b 1048676 -B 1153534 -i 200100 -l 220100 -e 0 -n 0 -s 0
>Mounting root: /mnt/files/vz/root/101 /mnt/files/vz/private/101
>VPS is mounted
```

All done, no error ... perfect!

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Mon, 28 Aug 2006 21:03:19 GMT  
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Thanks, here it is...

```
serveur private # ls -lh /mnt/files/vz/root/101
total 0
serveur private # ls -lh /mnt/files/vz/root/777
total 0
serveur private # ls -lh /mnt/files/vz/root/
total 8,0K
drwxr-xr-x 2 root root 4,0K 2006-08-28 21:58 101
drwxr-xr-x 2 root root 4,0K 2006-08-27 23:54 777
serveur private # ls -lh /mnt/files/vz/private/
total 8,0K
drwxr-xr-x 17 root root 4,0K 2006-08-28 21:58 101
drwxr-xr-x 17 root root 4,0K 2006-08-28 00:04 777
serveur private # cat /etc/vz/conf/777.conf
KMEMSIZE="2752512:2936012"
LOCKEDPAGES="32:32"
PRIVVMPAGES="49152:53575"
SHMPAGES="8192:8192"
NUMPROC="65:65"
PHYSPAGES="0:2147483647"
VMGUARPAGES="6144:2147483647"
OOMGUARPAGES="6144:2147483647"
NUMTCP SOCK="80:80"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
```

```
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
NUMOTHERSOCK="80:80"
NUMFILE="2048:2048"
DCACHESIZE="1048576:1097728"
NUMIPTENT="128:128"
AVNUMPROC="40:40"
CPUUNITS="1000"
ONBOOT="no"
ORIGIN_SAMPLE="vps.basic"
DISKSPACE="1048576:1153434"
DISKINODES="200000:220000"
QUOTATIME="0"
DISTRIBUTION="gentoo"
OSTEMPLATE="gentoo"
serveur private # cat /etc/vz/vz.conf
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/mnt/files/vz/lock
DUMPDIR=/mnt/files/vz/dump
VE0CPUUNITS=1000

## Logging parameters
LOGGING=yes
LOGFILE=/var/log/vzctl.log
LOG_LEVEL=0

## Disk quota parameters
DISK_QUOTA=yes
VZFASTBOOT=no

# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
#VE_ROUTE_SRC_DEV="eth0"

## Template parameters
TEMPLATE=/mnt/files/vz/template

## Defaults for VEs
VE_ROOT=/mnt/files/vz/root/$VEID
VE_PRIVATE=/mnt/files/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="fedora-core-4"

## Load vzwdog module
VZWDOG="no"
```

```
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
```

serveur private #

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Mon, 28 Aug 2006 21:22:40 GMT

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Here is all the debug & trace on the vzquota command that fails...

```
serveur conf # strace -f -e trace=file /usr/sbin/vzquota -vv on 777 -r 0 -b 1048676 -B 1153534 -i
200100 -l 220100 -e 0 -n 0 -s 0
execve("/usr/sbin/vzquota", ["/usr/sbin/vzquota", "-vv", "on", "777", "-r", "0", "-b", "1048676", "-B",
"1153534", "-i", "200100", "-l", "220100", "-e", "0", ...], [/* 68 vars */]) = 0
access("/etc/ld.so.preload", R_OK) = 0
open("/etc/ld.so.preload", O_RDONLY) = 3
open("/etc/libcwait.so", O_RDONLY) = 3
..... (removed some lines looking for libs)
open("/etc/ld.so.cache", O_RDONLY) = 3
open("/lib/libc.so.6", O_RDONLY) = 3
open("/dev/urandom", O_RDONLY) = 3
open("/var/vzquota/quota.777", O_RDWR|O_LARGEFILE) = 3
vzquota : (debug) file /var/vzquota/quota.777 3 was opened
vzquota : (debug) Start reading quota file
vzquota : (debug) Reading header from file
vzquota : (debug) Quota file was read
vzquota : (debug) Start reading quota file
vzquota : (debug) Reading quota file checksum
vzquota : (debug) Checksum is 64bit number 2181476744587317667
vzquota : (debug) Quota file was read
vzquota : (debug) Computing hash of quota file (first 123 bytes)
vzquota : (debug) Hash is 64bit number 2181476744587317667
vzquota : (debug) Start reading quota file
vzquota : (debug) Reading header from file
vzquota : (debug) Reading 1-level quota stat from file
vzquota : (debug) Reading mount point path from file
vzquota : (debug) Reading 2-level quota info from file
vzquota : (debug) Reading ugid objects from file: 0 entries total
vzquota : (debug) Reading quota file checksum
vzquota : (debug) Checksum is 64bit number 2181476744587317667
vzquota : (debug) Quota file was read
vzquota : (debug) vzquotactl ioctl start:cmd 10: id 777
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
```

```
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 10: id 777: status -1
vzquota : (debug) vzquotactl ioctl start:cmd 5: id 777
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 5: id 777: status 0
vzquota : (debug) vzquotauidctl ioctl start:cmd 6: id 777
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) vzquotauidctl ioctl end:cmd 6: id 777: status 0
vzquota : (debug) vzquotactl ioctl start:cmd 7: id 777
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 7: id 777: status -1
```

```
vzquota : (debug) vzquotactl ioctl start:cmd 6: id 777
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 6: id 777: status 0
vzquota : (error) Quota on syscall for 777: No such file or directory
Process 21438 detached
serveur conf #
```

Here is the same (only the end) for the vzquota that works :

```
vzquota : (debug) Quota file was read
vzquota : (debug) vzquotactl ioctl start:cmd 10: id 101
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 10: id 101: status -1
vzquota : (debug) vzquotactl ioctl start:cmd 5: id 101
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 5: id 101: status 0
vzquota : (debug) vzquotauidctl ioctl start:cmd 6: id 101
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) vzquotauidctl ioctl end:cmd 6: id 101: status 0
vzquota : (debug) vzquotactl ioctl start:cmd 7: id 101
open("/dev/vzctl", O_RDWR|O_LARGEFILE) = 4
vzquota : (debug) attempt new ioctl[-1072682239]
vzquota : (debug) vzquotactl ioctl end:cmd 7: id 101: status 0
```

```
vzquota : (info) User/group quota is off
vzquota : (debug) Start writing quota file
vzquota : (debug) Writing header to file
vzquota : (debug) Writing 1-level quota stat to file
```



vzquota : (debug) Writing mount point path to file  
vzquota : (debug) Writing 2-level quota info to file  
vzquota : (debug) Writing ugid objects to file: 0 entries total  
vzquota : (debug) Writing quota file checksum  
vzquota : (debug) Computing hash of quota file (first 133 bytes)  
vzquota : (debug) Hash is 64bit number 7024669666204306271  
vzquota : (debug) Quota file was written  
vzquota : (debug) file 3 was closed  
vzquota : (info) Quota was switched on for id 101  
Process 22536 detached

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [Vasily Tarasov](#) on Tue, 29 Aug 2006 06:22:16 GMT  
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---

Can you specify, please,  
on what filesystem this "unlucky" VE resides?

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Tue, 29 Aug 2006 16:49:23 GMT  
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---

This is on ext3 :  
serveur ~ # mount | grep /mnt/files  
/dev/md/4 on /mnt/files type ext3 (rw)

But the openvz vm that works is on the same fs...

The only difference regarding the howto, is that I used a Stage3 2006.1 instead of 2006.0. This evening, I will retry with the 2006.0 stage3...

Regards,

---

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Tue, 29 Aug 2006 20:25:31 GMT  
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---

Mhh.. Sorry,

I used the stage3 2006.0 for the 777.  
So I downloaded the stage3 again and made an other vm 701.  
And this time, it works. I don't know the reason.

```
serveur private # ls -l 701/stage3-i686-2006.0.tar.bz2
-rw-r--r-- 1 root root 104949773 2006-08-29 22:08 701/stage3-i686-2006.0.tar.bz2
serveur private # ls -l 777/stage3-i686-2006.0.tar.bz2
-rw-r--r-- 1 root root 104949773 2006-08-27 23:38 777/stage3-i686-2006.0.tar.bz2
```

Really sorry for such an annoyance... I don't know what I miss in the 777vm ?!

I remade all the howto on the 777vm, but it still doesn't work.  
However simply renaming the folder allowed me to start it :

```
serveur lib # vzctl start 777
Starting VPS ...
vzquota : (error) Quota on syscall for 777: No such file or directory
vzquota on failed [3]
serveur lib # cd ..
serveur 777 # cd ..
serveur private # ls
101 701 702 777
serveur private # mv 777 703
serveur private # vzctl set 703 --applyconfig vps.basic --save
Saved parameters for VPS 703
serveur private # vzctl start 703
Warning: distribution not specified default used /etc/vz/dists/default
Starting VPS ...
Initializing quota ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
serveur private #
```

Regards,

---

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [pivert](#) on Tue, 29 Aug 2006 20:36:28 GMT  
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The incredible is that if I go back to 777 folder, this fails again :

```
serveur private # rm /etc/vz/conf/777.conf
serveur private # mv 703 777
serveur private # vzctl set 777 --applyconfig vps.basic --save
Saved parameters for VPS 777
```

```
serveur private # vzctl start 777
Warning: distribution not specified default used /etc/vz/dists/default
Starting VPS ...
vzquota : (error) Quota on syscall for 777: No such file or directory
vzquota on failed [3]
serveur private #
```

Very strange isn't it ?

---

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [Valmont](#) on Wed, 30 Aug 2006 21:14:27 GMT  
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---

Could you try just to remove /var/vzquota/quota.777 ?

updated: Hm. Sorry, don't think it is helps.

---

---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [Inverted](#) on Wed, 20 Sep 2006 01:16:17 GMT  
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---

I am having this same issue, can anyone figure out what is going on here? The only difference is that I am using Gentoo 2006.1 instead of 2006.0.

- Inverted

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---

Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [dmitry](#) on Tue, 05 Dec 2006 21:21:19 GMT  
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---

Here's what worked for me: after I've moved vm from /vz/private/24 to /mnt/sdb/vz/private/24 I was getting the same message.  
Deleting /var/vzquota/vzquota.24 and reboot the root machine solved the problem. Valmont, thanks for your suggestion!

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Subject: Re: vzquota : (error) Quota on syscall for 777: No such file or directory  
Posted by [Valmont](#) on Tue, 05 Dec 2006 21:32:33 GMT  
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