
Subject: *SOLVED* Quota Support
Posted by [Ashley](#) on Thu, 24 May 2007 21:22:19 GMT
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I have recently moved a test vps over to a new second hard drive.

And have setup the new hard drive under partition "vps" the new vps is setup correctly under /vps/root and /vps/private.

However when i try to start the vps on the 2nd hard drive it fails displaying a quota error
"Starting VE ...
vzquota : (error) Quota on syscall for 202: No such file or directory
vzquota on failed [3]"

Do i need to enable an option on the new partition/hard disk.

Thanks

Subject: Re: Quota Support
Posted by [Vasily Tarasov](#) on Fri, 25 May 2007 08:18:03 GMT
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Hello,

Can you post here the following information, please:

VEID="ID of VE in question"

cat /etc/vz/vz.conf

cat /etc/vz/conf/\$VEID.conf

fdisk -l

cat /proc/mounts

Thank you,

Vasily.

Subject: Re: Quota Support
Posted by [Ashley](#) on Fri, 25 May 2007 08:25:58 GMT
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VEID="202"

cat /etc/vz/vz.conf

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=/vz/template

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

## Load vzwdog module
VZWDOG="no"
IPV6="no"

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

```
cat /etc/vz/conf/$VEID.conf
```

```
# Copyright (C) 2000-2007 SWsoft. All rights reserved.
#
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
#
```

```
ONBOOT="yes"
```

```
# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="400:400"
NUMPROC="350:350"
NUMTCPSOCK="600:600"
NUMOTHERSOCK="300:300"
```

VMGUARPAGES="131072:131072"

Secondary parameters

KMEMSIZE="32010048:33000000"

TCPSNDBUF="6000000:6000000"

TCPRCVBUF="3194808:5242808"

OTHERSOCKBUF="3000000:3000000"

DGRAMRCVBUF="13209600:13209600"

OOMGUARPAGES="65536:65536"

Auxiliary parameters

LOCKEDPAGES="64:64"

SHMPAGES="8192:8192"

PRIVVMPAGES="262144:262144"

NUMFILE="4048:4048"

NUMFLOCK="100:110"

NUMPTY="16:16"

NUMSIGINFO="256:256"

DCACHESIZE="104857600:109772800"

PHYSPAGES="0:2147483647"

NUMIPTENT="128:128"

Disk quota parameters (in form of softlimit:hardlimit)

DISKSPACE="30214400:30214400"

DISKINODES="20000000:22000000"

QUOTATIME=""

CPU fair sheduler parameter

VE_ROOT="/vps/root/\$VEID"

VE_PRIVATE="/vps/private/\$VEID"

OSTEMPLATE="centos-4-i386-default"

ORIGIN_SAMPLE="vps.basic"

IP_ADDRESS="87.117.196.235"

NAMESERVER="87.117.196.235"

HOSTNAME="server.64digits.com"

QUOTAUGIDLIMIT="1000"

CPULIMIT="100"

IPTABLES="iptables_filter iptables_mangle ipt_limit ipt_REJECT ipt_length "

CPUS="1"

MEMINFO="pages:256000"

fdisk -l

Disk /dev/sda: 80.0 GB, 80000000000 bytes

255 heads, 63 sectors/track, 9726 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	1	535	4297356	83	Linux
/dev/sda2		536	803	2152710	82	Linux swap
/dev/sda3		804	9726	71673997+	83	Linux

Disk /dev/sdb: 160.0 GB, 160041885696 bytes
 255 heads, 63 sectors/track, 19457 cylinders
 Units = cylinders of 16065 * 512 = 8225280 bytes

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		1	19457	156288321	83	Linux

cat /proc/mounts

```

/dev/root / ext3 rw,data=ordered 0 0
none /dev tmpfs rw 0 0
/proc /proc proc rw 0 0
/proc/bus/usb /proc/bus/usb usbfs rw 0 0
/sys /sys sysfs rw 0 0
none /dev/pts devpts rw 0 0
none /dev/shm tmpfs rw 0 0
/dev/sda3 /vz ext3 rw,data=ordered 0 0
/dev/sdb1 /vps ext3 rw,data=ordered 0 0
none /proc/sys/fs/binfmt_misc binfmt_misc rw 0 0
sunrpc /var/lib/nfs/rpc_pipefs rpc_pipefs rw 0 0
/vz/private/102 /vz/root/102 simfs rw 0 0
/proc /vz/root/102/proc proc rw 0 0
/sys /vz/root/102/sys sysfs rw 0 0
none /vz/root/102/dev tmpfs rw 0 0
none /vz/root/102/dev/pts devpts rw 0 0
none /vz/root/102/dev/shm tmpfs rw,nosuid,nodev,noexec 0 0
/vz/private/209 /vz/root/209 simfs rw 0 0
/proc /vz/root/209/proc proc rw 0 0
/sys /vz/root/209/sys sysfs rw 0 0
none /vz/root/209/dev/pts devpts rw 0 0
/vz/private/104 /vz/root/104 simfs rw 0 0
/vz/private/102 /vz/root/102/var/tmp simfs rw,nosuid,noexec 0 0
/proc /vz/root/104/proc proc rw 0 0
/sys /vz/root/104/sys sysfs rw 0 0
none /vz/root/104/dev/pts devpts rw 0 0
/vz/private/105 /vz/root/105 simfs rw 0 0
/vz/private/104 /vz/root/104/var/tmp simfs rw,nosuid,noexec 0 0
/proc /vz/root/105/proc proc rw 0 0
/sys /vz/root/105/sys sysfs rw 0 0
none /vz/root/105/dev/pts devpts rw 0 0
/vz/private/108 /vz/root/108 simfs rw 0 0

```

```
/proc /vz/root/108/proc proc rw 0 0
/sys /vz/root/108/sys sysfs rw 0 0
none /vz/root/108/dev/pts devpts rw 0 0
/vz/private/205 /vz/root/205 simfs rw 0 0
/proc /vz/root/205/proc proc rw 0 0
/sys /vz/root/205/sys sysfs rw 0 0
/vz/private/206 /vz/root/206 simfs rw 0 0
none /vz/root/205/dev/pts devpts rw 0 0
/proc /vz/root/206/proc proc rw 0 0
/sys /vz/root/206/sys sysfs rw 0 0
none /vz/root/206/dev/pts devpts rw 0 0
/vz/private/207 /vz/root/207 simfs rw 0 0
/proc /vz/root/207/proc proc rw 0 0
/sys /vz/root/207/sys sysfs rw 0 0
/vz/private/208 /vz/root/208 simfs rw 0 0
none /vz/root/207/dev/pts devpts rw 0 0
/vz/private/105 /vz/root/105/var/tmp simfs rw,nosuid,noexec 0 0
/proc /vz/root/208/proc proc rw 0 0
/sys /vz/root/208/sys sysfs rw 0 0
none /vz/root/208/dev/pts devpts rw 0 0
```

I know in vz.conf it is still set to /vz/root and vz/private.

I want to be able to test to make sure that the VPS will run on the second Hard Disk, which is why i created a test VPS and just set the 202.conf to /vps/root and /vps/private
Thanks

Subject: Re: Quota Support

Posted by [Vasily Tarasov](#) on Fri, 25 May 2007 08:43:00 GMT

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Ahem, I know the reason vzuota should be dropped before start of VE after moving (you should do it only once):

```
# vzctl start 202
Starting VE ...
vzquota : (error) Quota on syscall for 202: No such file or directory
vzquota on failed [3]
# vzquota drop 202
# vzctl start 202
Starting VE ...
Initializing quota ...
VE is mounted
Setting CPU units: 1000
VE start in progress...
```

HTH,
Vasily.

Subject: Re: Quota Support
Posted by [Ashley](#) on Fri, 25 May 2007 08:45:12 GMT
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Works like a dream.

Thanks,
Ashley
