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Subject: *\*solved\** VPS reboot/destroy  
Posted by [neto](#) on Wed, 07 Nov 2007 03:38:27 GMT  
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Hi,

I've recently started experimenting OpenVZ and ran into this issue.

On a Debian etch host, running an etch guest when I do a reboot inside a VPS, I can no longer destroy it (or remove the folder).

On a server that has just rebooted, and that has been recently installed with a kernel from [download.openvz.org](http://download.openvz.org).

`/var/lib/vz` is a symlink to `/vz` and `/vz` is an ext3 partition.

```
server1:~# uptime
05:30:19 up 2 min, 1 user, load average: 1.34, 0.61, 0.22
server1:~# uname -a
Linux server1 2.6.18-openvz-amd64 #1 SMP Tue Apr 10 19:34:07 MSD 2007 x86_64 GNU/Linux
server1:~# vzctl create 123 --ostemplate debian-4.0-amd64-minimal
Creating VPS private area: /var/lib/vz/private/123
Performing postcreate actions
VPS private area was created
server1:~# vzctl create 124 --ostemplate debian-4.0-amd64-minimal
Creating VPS private area: /var/lib/vz/private/124
Performing postcreate actions
VPS private area was created
server1:~# vzctl start 123
Starting VPS ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl start 124
Starting VPS ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzquota show 123
vzquota : (warning) Quota is running, so data reported from quota file may not reflect current
values
  resource      usage      softlimit   hardlimit   grace
  1k-blocks    153532     1048576     1153434
  inodes        7929      200000      220000
server1:~# vzquota show 124
vzquota : (warning) Quota is running, so data reported from quota file may not reflect current
values
  resource      usage      softlimit   hardlimit   grace
```

```
1k-blocks    153532    1048576    1153434
inodes       7929     200000     220000
```

```
server1:~# vzctl exec 123 reboot
```

```
server1:~# vzlist -a
```

VPSID	NPROC	STATUS	IP_ADDR	HOSTNAME
123	-	stopped	-	
124	4	running	-	

I then manually ran both scripts inside /etc/cron.d

/usr/share/vzctl/scripts/vpsnetclean then /usr/share/vzctl/scripts/vpsreboot so that the VPS comes back faster.

```
server1:~# /usr/share/vzctl/scripts/vpsnetclean
```

```
server1:~# /usr/share/vzctl/scripts/vpsreboot
```

```
server1:~# vzlist -a
```

VPSID	NPROC	STATUS	IP_ADDR	HOSTNAME
123	4	running	-	
124	4	running	-	

```
server1:~# vzctl exec 123 ps auxw
```

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	0.0	6120	676	?	Ss	16:35	0:00	init [2]
root	9663	0.0	0.0	5884	724	?	Ss	16:35	0:00	/sbin/syslogd
root	9679	0.0	0.1	25840	1228	?	Ss	16:35	0:00	/usr/sbin/sshd
root	9691	0.0	0.0	11496	804	?	Ss	16:35	0:00	/usr/sbin/cron
root	9748	0.0	0.0	8448	936	?	Rs	16:36	0:00	ps auxw

```
server1:~# vzctl exec 124 ps auxw
```

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	0.0	6120	672	?	Ss	16:32	0:00	init [2]
root	8093	0.0	0.0	5884	724	?	Ss	16:32	0:00	/sbin/syslogd
root	8116	0.0	0.1	25840	1224	?	Ss	16:32	0:00	/usr/sbin/sshd
root	8128	0.0	0.0	11496	808	?	Ss	16:32	0:00	/usr/sbin/cron
root	9751	0.0	0.0	8444	936	?	Rs	16:36	0:00	ps auxw

```
server1:~# vzctl stop 123
```

```
Stopping VPS ...
```

```
VPS was stopped
```

```
VPS is not mounted
```

```
server1:~# vzctl stop 124
```

```
Stopping VPS ...
```

```
VPS was stopped
```

```
VPS is not mounted
```

```
server1:~# vzctl destroy 123
```

```
Destroying VPS private area: /var/lib/vz/private/123
```

```
Can't move /var/lib/vz/private/123 -> /var/lib/vz/tmp/XjdB8l5: Device or resource busy
```

```
server1:~# vzctl destroy 124
```

Destroying VPS private area: /var/lib/vz/private/124  
VPS private area was destroyed

A vzctl restart xxx will also do the same.

```
server1:~# vzctl create 125 --ostemplate debian-4.0-amd64-minimal
Creating VPS private area: /var/lib/vz/private/125
Performing postcreate actions
VPS private area was created
server1:~# vzctl start 125
Starting VPS ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl restart 125
Restarting VPS
Stopping VPS ...
VPS was stopped
VPS is not mounted
Starting VPS ...
vzquota : (warning) Quota is running for id 125 already
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl stop 125
Stopping VPS ...
VPS was stopped
VPS is not mounted
server1:~# vzctl destroy 125
Destroying VPS private area: /var/lib/vz/private/125
Can't move /var/lib/vz/private/125 -> /var/lib/vz/tmp/XpjH1Fi: Device or resource busy
```

ls of on the private area did not return anything.

Has anyone experienced the same behavior?

Best Regards,

\*solved\* Neto

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Subject: Re: VPS reboot/destroy  
Posted by [maratrus](#) on Wed, 07 Nov 2007 13:20:16 GMT  
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Hi,

1. What version of vzctl do you use?
2. If it is possible can you please conduct this experiment with the latest version of vzctl?
3. Quote:ls of on the private area did not return anything.  
Does it mean that ls of output doesn't contain any process which uses some file from ve private area?

4. In the last case please pay attention at the message Quote:vzquota : (warning) Quota is running for id 125 already

try

- a) vzctl stop 125
- b) vzquota off 125
- c) vzquota drop 125
- d) vzctl start 125
- e) vzctl restart 125
- f) vzctl destroy 125

Thank You!

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Subject: Re: VPS reboot/destroy  
Posted by [neto](#) on Wed, 07 Nov 2007 21:36:03 GMT  
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Hi maratrus,

Thanks for your reply.

maratrus wrote on Wed, 07 November 2007 08:20Hi,

1. What version of vzctl do you use?

```
server1:~# dpkg -l | grep vz
```

```
ii linux-image-2.6.18-openvz-amd64 028.18.1-2.6.18-12-1      Linux kernel binary image for  
version 2.6.18
```

```
ii vzctl          3.0.11-13          server virtualization solution - control too  
ii vzdump        1.0-2             OpenVZ backup scripts  
ii vzquota       3.0.8-2           server virtualization solution - quota tools
```

maratrus wrote on Wed, 07 November 2007 08:20

2. If it is possible can you please conduct this experiment with the latest version of vzctl?

By latest version do you mean a development version? Sure I can try it. Just let me know where to grab it from.

maratrus wrote on Wed, 07 November 2007 08:20

3. Does it mean that ls of output doesn't contain any process which uses some file from ve private

area?

Thats correct.

maratrus wrote on Wed, 07 November 2007 08:20

4. In the last case please pay attention at the message Quote:vzquota : (warning) Quota is running for id 125 already

try

- a) vzctl stop 125
- b) vzquota off 125
- c) vzquota drop 125
- d) vzctl start 125
- e) vzctl restart 125
- f) vzctl destroy 125

Thank You!

It seems that if the VE is stopped (even a vzctl stop) this happens.

Here is what I just tried (following the sequence you've put:

```
server1:~# vzctl create 105 --
server1:~# vzctl create 105 --ostemplate debian-4.0-amd64-minimal
Creating VPS private area: /var/lib/vz/private/105
Performing postcreate actions
VPS private area was created
server1:~# vzctl start 105
Starting VPS ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl stop 105
Stopping VPS ...
VPS was stopped
VPS is not mounted
server1:~# vzquota off 105
server1:~# vzquota drop 105
server1:~# vzctl start 105
Starting VPS ...
Initializing quota ...
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl restart 105
Restarting VPS
Stopping VPS ...
VPS was stopped
VPS is not mounted
Starting VPS ...
```

```
vzquota : (warning) Quota is running for id 105 already
VPS is mounted
Setting CPU units: 1000
VPS start in progress...
server1:~# vzctl stop 105
Stopping VPS ...
VPS was stopped
VPS is not mounted
server1:~# vzquota off 105
server1:~# vzquota drop 105
server1:~# vzquota show 105
vzquota : (error) Can't open quota file for id 105, maybe you need to reinitialize quota: No such file
or directory
vzquota : (error) Quota file must exist for show command
server1:~# vzctl destroy 105
Destroying VPS private area: /var/lib/vz/private/105
Can't move /var/lib/vz/private/105 -> /var/lib/vz/tmp/X8zw8wd: Device or resource busy
```

Even though after the vzctl stop, vzquota off, and vzquota drop the vzctl start no longer complains that the quota is running, if I try to destroy it, it still won't let me.

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Subject: Re: VPS reboot/destroy  
Posted by [maratrus](#) on Fri, 09 Nov 2007 11:05:25 GMT  
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Hi,

Please download vzctl here and conduct last experiment:  
<http://openvz.org/download/utils/>

I hope this must solve the problem.

Thank You!

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Subject: Re: VPS reboot/destroy  
Posted by [neto](#) on Sat, 10 Nov 2007 21:08:09 GMT  
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Hi maratrus,

maratrus wrote on Fri, 09 November 2007 06:05Hi,

Please download vzctl here and conduct last experiment:  
<http://openvz.org/download/utils/>

I hope this must solve the problem.

Thank You!

Looks like the debian repository needs to be updated.

Using the latest version has solved the problem.

Thanks for your assistance.

Regards,

Neto

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