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.

/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

lsof on the private area did not return anything.

Has anyone experienced the same behavior?

Best Regards,

solved Neto