

---

Subject: Problems doing live migration

Posted by [Marc Olive](#) on Thu, 12 Jan 2012 13:15:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

I'm trying to do a manual live migration on a Linux 2.6.32-5-openvz-amd64 and openvz 3.0.24, but I'm getting some troubles:

```
.- Container's suspend seems OK.  
.- But I'm not able to dump the container:  
"Can not dump container: Invalid argument  
Error: iptables-save exited with 255  
Checkpointing failed"  
.- I can issue iptables-save command with no problem.  
.- Also, I'm not able to resume the container:  
"Can not resume container: No such file or directory"  
.- After this happens, vzctl complains about quota issues.
```

Here's is a session log:

```
~# vzctl chkpnt 114 --suspend  
Setting up checkpoint...  
suspend...  
get context...  
Checkpointing completed succesfully  
~# vzctl chkpnt 114 --dump --dumpfile /tmp/114.dump  
Setting up checkpoint...  
join context..  
dump...  
Can not dump container: Invalid argument  
Error: iptables-save exited with 255  
Checkpointing failed  
~# vzctl chkpnt 114 --dump --dumpfile /tmp/114.dump  
Setting up checkpoint...  
join context..  
dump...  
Cannot set linkdir in kernel: Too many links  
Checkpointing failed  
~# vzctl chkpnt 114 --resume  
Resuming...  
Can not resume container: No such file or directory  
~# ls -ld /var/lib/vz/*/114  
drwxr-xr-x 21 root root 4096 12 gen 12:13 /var/lib/vz/private/114  
drwxr-xr-x 2 root root 4096 10 gen 2011 /var/lib/vz/root/114  
~# vzctl stop 114  
Stopping container ...  
Container was stopped
```

```

vzquota : (error) Quota off syscall for id 114: Device or resource busy
vzquota : (error) Possible reasons:
vzquota : (error) - Container's root is not unmounted
vzquota : (error) - there are opened files inside container's
root/private area
vzquota : (error) - your current working directory is inside a container
directory
vzquota : (error) root/private area
vzquota off failed [3]
~# vzctl start 114
Starting container ...
vzquota : (warning) Quota is running for id 114 already
Container is mounted
Adding IP address(es): 10.81.53.15
Setting CPU units: 1000
Container start in progress...
~# vzctl exec 114 reboot
~# vzctl stop 114
Stopping container ...
Container was stopped
vzquota : (error) Quota off syscall for id 114: Device or resource busy
vzquota : (error) Possible reasons:
vzquota : (error) - Container's root is not unmounted
vzquota : (error) - there are opened files inside container's
root/private area
vzquota : (error) - your current working directory is inside a container
directory
vzquota : (error) root/private area
vzquota off failed [3]

```

If I use the "vzmigrate" command, the result is similar, here's the last logs, the command issued is "vzmigrate -v -r no --keep-dst --online linux-01 117":

```

Checkpointing completed succesfully
  Dumping container
Setting up checkpoint...
  join context..
  dump...
Can not dump container: Invalid argument
Error: iptables-save exited with 255
Checkpointing failed
Error: Failed to dump container
Resuming...
Can not resume container: No such file or directory

```

Why I can not dump the container? iptables-save is there on my system and I can execute it, why is that command needed after all?

Thanks,

--

Marc Olivé  
Blau Advisors

[marc.olive@blauadvisors.com](mailto:marc.olive@blauadvisors.com)

C/ Molí de Guasch, 10 baixos 1a,  
43440 L'Espluga de Francolí (Tarragona)  
Tel. +34 977 870 702  
Tel i Fax. + 34 977 870 507

[www.blauadvisors.com](http://www.blauadvisors.com)

---