Subject: Vzctl chkpnt/restore Kills my Screen Session
Posted by alevchuk on Wed, 17 Dec 2008 04:53:15 GMT
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I have
- Kernel 2.6.26 (openvz commit 134416f49ad)
- Vzctl 3.0.23

I am living with broken Checkpointing for over a month now.
Utilities report SUCCESS when in reality there is a problem.

I can reproduce the problem in many different ways*, here is one:

1.
vzctl create 10 --ostemplate debian-4.0-amd64-minimal
vzctl start 10
vzctl set 10 --ipadd 192.168.3.10 --save
vzctl enter 10

2.
Inside, change /etc/apt/sources.list
Install screen
Launch a screen session
Detach
Logout

3.
alevchuk@owl:$ sudo vzctl chkpnt 10
Setting up checkpoint...
    suspend...
    dump...
    kill...
Running: /usr/local/lib/vzctl/scripts/vps-net_del
Running: /usr/sbin/vzquota stat 10 -f
Container is unmounted
Checkpointing completed succesfully

4.
alevchuk@owl:$ sudo vzctl restore 10
Restoring container ...
Starting container ...
Mounting root: /vz/root/10 /vz/private/10
Container is mounted
    undump...
Adding IP address(es): 192.168.3.10
Running: /usr/local/lib/vzctl/scripts/vps-net_add
Setting CPU units: 1000

Configure meminfo: 65536
resume...
Container start in progress...
Restoring completed succesfully

Minor NOTE: "succesfully" is misspelled

5.
Ssh into the container
ps ax

The screen session and all of it's child processes are gone

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* Same happens with my customized containers. They used to work fine a while ago. Possibly, upgrading the Kernel caused the problem.