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Subject: OpenVZ7 can't snapshot/suspend a cPanel VE

Posted by [jfall](#) on Fri, 28 Oct 2016 13:23:12 GMT

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I recently deployed a couple of new OVZ7 hostnodes, we are looking to transition from older OVZ to OVZ7. We have many cPanel servers on older OVZ hostnodes. To test OVZ7 I moved a cPanel server from old to new using the ovztransfer.sh script as per the documentation. The move seemed to go ok and the server worked, however I found that after it was moved I could not snapshot the container or perform any operation that requires the server to be snapped/checkpointed.

I figured this was a one off problem and more than likely related to a botched move using the ovztransfer.sh script. So instead I decided to build an entirely new VE on the OVZ7 hostnode. A brand new Centos7 install with a new fresh install of the latest version of cPanel. After I had that VE up and running I migrated cPanel users from source server to new target server using typical cPanel migration (transfer tools). After the user data was migrated I attempted to snapshot/suspend the new container and it is again failing. So now I know for sure the problem is not related to a botched move or anything specifically regarding the ovztransfer.sh script.

The fact that I cannot reliably snapshot/checkpoint a cPanel container under OVZ7 pretty much puts me at a stand still in terms of using OVZ7 in a production environment.

Here are some relevant details:

Hostnode: Virtuozzo Linux release 7.2 / Linux 3.10.0-327.36.1.vz7.18.7

VE: CentOS Linux release 7.2.1511 (Core) - Running a brand new install of the latest version of cPanel with about ~600 active users recently migrated to it using cPanel transfer tool / ~250GB of data.

```
# prlctl snapshot 1035
Creating the snapshot...
PRL_ERR_VZCTL_OPERATION_FAILED (Details: Failed to checkpoint the Container
All dump files and logs were saved to
/vz/private/1035/dump/{ce2b2c58-00ac-4e2f-b4da-e0a0dc594ff4}.fail
Failed to dump the Container, status pipe unexpectedly closed
Failed to dump Container
Failed to resume Container
Failed to create snapshot
)
Failed to create the snapshot: Unknown
```

What I think is the relevant info from the dump.log file

```
(04.143824) Error (criu/sk-inet.c:158): In-flight connection (I) for 924d83
(04.143831) Error (criu/sk-inet.c:160): In-flight connections can be ignored with the --skip-in-flight
option.
```

(04.143868) Error (criu/cr-dump.c:1322): Dump files (pid: 256864) failed with -1  
(04.168423) Error (criu/cr-dump.c:1634): Dumping FAILED.

I've also attached the full dump.log file as well.

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