

Hi,

Now I have a problem even much more worse (does this exist? ). Sometimes when I do online-migration (from HN1 to HN2) the network connection between the two hosts drops (the funny thing: ONLY between the two hardware nodes!) and this leads to a fatal situation:

- \* The ssh commands from vzmigrate are not executed any more
- \* The VE is still up on HN1
- \* But it is also up on HN2 as "zombie VE"

```
HN1:~# vzlist
  VEID   NPROC STATUS IP_ADDR   HOSTNAME
  201     6 running -
```

```
HN2:~# vzlist
  VEID   NPROC STATUS IP_ADDR   HOSTNAME
  201     9 running -
HN2:~# vzctl enter 201
enter into VE 201 failed
HN2:~#
```

This is where the migration looks like:

```
NH1:~# vzmigrate2 -r no --keep-dst --online -v 192.168.200.1 201
OPT:-r
OPT:--keep-dst
OPT:--online
OPT:-v
OPT:192.168.200.1
Starting online migration of VE 201 on 192.168.200.1
OpenVZ is running...
  Loading /etc/vz/vz.conf and /etc/vz/conf/201.conf files
  Check IPs on destination node:
Preparing remote node
  Copying config file
201.conf                                                    100% 1756
1.7KB/s  00:00
Saved parameters for VE 201
  Creating remote VE root dir
  Creating remote VE private dir
```

```

VZ disk quota disabled -- skipping quota migration
Syncing private
Live migrating VE
Stop apache2 if it is installed
Stopping web server: apache2 ... waiting .
Suspending VE
Setting up checkpoint...
    suspend...
    get context...
Checkpointing completed succesfully
Dumping VE
Setting up checkpoint...
    join context..
    dump...
Checkpointing completed succesfully
Copying dumpfile
dump.201                                                    100% 1492KB
1.5MB/s  00:01
    Syncing private (2nd pass)
    VZ disk quota disabled -- skipping quota migration
Undumping VE
Restoring VE ...
Starting VE ...
VE is mounted
    undump...
Setting CPU units: 1000
Configure meminfo: 2147483647
Configure veth devices: veth201.0
    get context...
VE start in progress...
Restoring completed succesfully
Adding interface veth201.0 to bridge br-lan on CT0 for CT201

```

After that, the script hangs. Clearly, as said, pinging HN2 is not possible any more. This leads to a hang of the SSH commands:

```

HN1:~# ps aux
[...]
root    3914  0.2  0.1  3928 1320 pts/1    S+   01:43   0:00 /bin/sh /usr/local/sbin/vzmigrate2 -r no
--keep-dst --online -v 192.168.200.1 201
root    3974  0.2  0.2  5124 2288 pts/1    S+   01:43   0:00 ssh root@192.168.200.1 vzctl restore
201 --undump --dumpfile /var/tmp/dump.201 --skip_arpdet

```

After killing PID 3974, the next ssh command from the vzmigrate script is spawned:

HN1:~# ps aux

[...]

```
root    3914  0.1  0.1  3928  1320 pts/1    S+   01:43   0:00 /bin/sh /usr/local/sbin/vzmigrate2 -r no
--keep-dst --online -v 192.168.200.1 201
root    3975  0.0  0.1  4248  1676 pts/2    Ss   01:43   0:00 /bin/bash
root    3978  6.0  0.1  5124  1828 pts/1    S+   01:44   0:00 ssh root@192.168.200.1 rm -f
/var/tmp/quotadump.201
```

As mentioned above, both hardware nodes are now inconsistent and "buggy". Just deleting `/etc/vz/conf/201.conf` and then rebooting BOTH hardware nodes resolves the problem

Well, but what exactly happens when starting my machines? First I have to mention that I only use `vzeth` and no `vznet`. So I have to make sure to bridge the veth-Device together with the bridges on the hardware node.

Additionally I have to big problem that Debian lenny does not yet support the `EXTERNAL_SCRIPT` functionality. So I hacked the wurgaround I found in [1].

So in common, my `/etc/vz/conf/vps.mount` looks like [2].

In this script, the `vznetadddbr` explained in [1] is called. The contents of this file is in [3].

The very big question now: Why does this happen? From a third computer I can ping both hardware nodes but they can't communicate anymore with each other! I am not sure if this problem is caused my bridging scripts...

Is there any hope to resolve this issue?

Thank you very much,  
divB

[1] [http://wiki.openvz.org/Veth#method\\_for\\_vzctl\\_version\\_.3C.3D\\_.30.22](http://wiki.openvz.org/Veth#method_for_vzctl_version_.3C.3D_.30.22)

[2] <http://pastebin.com/m33a4232a>

[3] <http://pastebin.com/m2136da98>