
Subject: Online migration "Error: undump failed: Invalid argument"

Posted by [whity](#) on Thu, 19 Jul 2007 07:45:39 GMT

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I did some tests with OpenVZ this week. Now im testing the online migration and run into a problem i could not solve yet.

Both systems have the same OS:

- System: CentOS 5 (x86_64)
- Kernel: 2.6.18-8.1.4.el5.028stab035.1 (from yum repo)

- Source: 172.30.101.24 (00:1B:24:1D:EA:F4)
- Target: 172.30.101.96 (00:16:36:D2:F0:FE)

Output of vzmigration:

```
[root@ovz02 ~]# vzmigrate -r yes --online -v 172.30.101.96 1001
```

```
OPT:-r
```

```
OPT:--online
```

```
OPT:-v
```

```
OPT:172.30.101.96
```

```
Starting online migration of VE 1001 on 172.30.101.96
```

```
OpenVZ is running...
```

```
  Loading /etc/vz/vz.conf and /etc/vz/conf/1001.conf files
```

```
  Check IPs on destination node: 172.30.101.26
```

```
Preparing remote node
```

```
  Copying config file
```

```
1001.conf
```

```
100% 1809
```

```
  1.8KB/s  00:00
```

```
Saved parameters for VE 1001
```

```
  Creating remote VE root dir
```

```
  Creating remote VE private dir
```

```
Initializing remote quota
```

```
  Quota init
```

```
  Turning remote quota on
```

```
Syncing private
```

```
Live migrating VE
```

```
  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.1001
```

```
100%
```

127MB 11.5MB/s 00:11
 Syncing private (2nd pass)
Syncing 2nd level quota
 Dumping 2nd level quota
 Copying 2nd level quota
quotadump.1001 100%
21 0.0KB/s 00:00
 Load 2nd level quota
 Undumping VE
Restoring VE ...
Starting VE ...
vzquota : (warning) Quota is running for id 1001 already
VE is mounted
 undump...
Adding IP address(es): 172.30.101.26
Setting CPU units: 36185
Configure meminfo: 262144
Error: undump failed: Invalid argument
Restoring failed:
do_rst_mm 64331744
rst_mm: -22
make_baby: -22
rst_clone_children
Stopping VE ...
VE start failed
VE was stopped
VE is unmounted
Error: Failed to undump VE
Resuming...
arp send: 172.30.101.26 is detected on another computer : 00:16:36:d2:f0:fe
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 172.30.101.26 eth0 FAILED
vzquota : (error) Quota is not running for id 1001

Kernel log:

Jul 19 09:20:21 ovz02 kernel: CPT DBG: ffff81010618f000,1001: cpt_dump_vm: 1750 shared private anon pages
Jul 19 09:20:21 ovz02 kernel: CPT DBG: ffff81010618f000,1001: cpt_dump_vm: 12857 anon pages are cloned
Jul 19 09:20:21 ovz02 kernel: CPT DBG: ffff81010618f000,1001: cpt_dump_vm: 6 silly pages canceled
Jul 19 09:20:23 ovz02 kernel: CPT DBG: cpt itimer 12667,13691(syslogd) 10002626000
Jul 19 09:20:23 ovz02 kernel: CPT DBG: ffff81010618f000,1001: 12800,13824(pcscd) 104919000
Jul 19 09:20:23 ovz02 kernel: CPT DBG: cpt itimer 13056,14080(mysql) 27997593863000
Jul 19 09:20:23 ovz02 kernel: CPT DBG: cpt itimer 13151,14175(httspd) 315268800184000
Jul 19 09:20:23 ovz02 kernel: CPT DBG: ffff81010618f000,1001: 13174,14198(cron) 41725421000
Jul 19 09:20:23 ovz02 kernel: CPT DBG: ffff81010618f000,1001: 13193,14217(atd) 230325730000

vzctl.log (Source):

```
2007-07-19T09:34:34+0200 vzctl : VE 1001 : Setting up checkpoint...
2007-07-19T09:34:34+0200 vzctl : VE 1001 :   suspend...
2007-07-19T09:34:34+0200 vzctl : VE 1001 :   get context...
2007-07-19T09:34:34+0200 vzctl : VE 1001 : Checkpointing completed succesfully
2007-07-19T09:34:34+0200 vzctl : VE 1001 : Setting up checkpoint...
2007-07-19T09:34:34+0200 vzctl : VE 1001 :   join context..
2007-07-19T09:34:34+0200 vzctl : VE 1001 :   dump...
2007-07-19T09:34:35+0200 vzctl : VE 1001 : Running: /usr/lib64/vzctl/scripts/vps-net_del
2007-07-19T09:34:35+0200 vzctl : VE 1001 : Checkpointing completed succesfully
2007-07-19T09:34:47+0200 vzctl : VE 1001 : Resuming...
2007-07-19T09:34:47+0200 vzctl : VE 1001 : Running: /usr/lib64/vzctl/scripts/vps-net_add
2007-07-19T09:34:48+0200 vzctl : VE 1001 :   put context
```

vzctl.log (Target):

```
2007-07-19T09:33:59+0200 vzctl : VE 1001 : Saved parameters for VE 1001
2007-07-19T09:34:00+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota init 1001 -b 10485760 -B
12582912 -i 200000 -l 220000 -p /vz/private/1001 -e 0 -n 0 -s 0
2007-07-19T09:34:00+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota show 1001
2007-07-19T09:34:00+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota on 1001 -r 0 -b
10485760 -B 12582912 -i 200000 -l 220000 -e 0 -n 0 -s 0
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Restoring VE ...
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Starting VE ...
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota show 1001
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota on 1001 -r 0 -b
10485860 -B 12583012 -i 200100 -l 220100 -e 0 -n 0 -s 0
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Running: vzquota setlimit 1001 -p /vz/private/1001
-b 10485860 -B 12583012 -i 200100 -l 220100 -e 0 -n 0
2007-07-19T09:37:12+0200 vzctl : VE 1001 : Mounting root: /vz/root/1001 /vz/private/1001
2007-07-19T09:37:12+0200 vzctl : VE 1001 : VE is mounted
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Adding IP address(es): 172.30.101.26
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: /usr/lib64/vzctl/scripts/vps-net_add
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Setting CPU units: 36185
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Configure meminfo: 262144
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota stat 1001 -f
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: vzquota setlimit 1001 -b 10485760 -B
12582912 -i 200000 -l 220000 -e 0 -n 0
2007-07-19T09:37:13+0200 vzctl : VE 1001 : VE start failed
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Stopping VE ...
2007-07-19T09:37:13+0200 vzctl : VE 1001 : VE was stopped
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota stat 1001 -f
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: vzquota setlimit 1001 -b 10485760 -B
12582912 -i 200000 -l 220000 -e 0 -n 0
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota stat 1001 -f
2007-07-19T09:37:13+0200 vzctl : VE 1001 : Running: /usr/sbin/vzquota off 1001
2007-07-19T09:37:14+0200 vzctl : VE 1001 : VE is unmounted
```

Any ideas??

Thank you very much
Urs
