
Subject: "VE already locked" after unsuccessful migration

Posted by [ataraxis](#) on Thu, 22 Mar 2007 10:44:28 GMT

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Hi,

I wanted to move a VE from HN1 to HN2 because HN1 should get a kernel update.

Both HNs run 2.6.18-028test007 with a custom config.

vzctl version is 3.0.14-1dso31.2

Here is the output from the migration:

HN1:~# vzmigrate -v --online HN2 231

OPT:-v

OPT:--online

OPT:HN2

Starting online migration of VE 231 on HN2

OpenVZ is running...

Loading /etc/vz/vz.conf and /etc/vz/conf/231.conf files

Check IPs on destination node: <IP>

Preparing remote node

Copying config file

231.conf

100%

1150 1.1KB/s 00:00

Name jira assigned

Saved parameters for VE 231

Creating remote VE root dir

Creating remote VE private dir

Initializing remote quota

Quota init

Turning remote quota on

Syncing private

100%

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.231

100%

493MB 32.9MB/s 00:15

```
Syncing private (2nd pass)
Syncing 2nd level quota
Dumping 2nd level quota
Copying 2nd level quota
quotadump.231
100% 21 0.0KB/s 00:00
Load 2nd level quota
Undumping VE
Restoring VE ...
Starting VE ...
vzquota : (warning) Quota is running for id 231 already
VE is mounted
undump...
Adding IP address(es): <IP>
Setting CPU units: 200033
```

Here i hit ctrl+c after a few minutes, because the application should not be offline that much and previous migrations have been faster although the VEs were bigger

```
Killed by signal 2.
Error: Failed to undump VE
Resuming...
arpsend: <IP> is detected on another computer : <MAC>
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e <IP> eth0 FAILED
vzquota : (error) Quota off syscall for id 231: Device or resource busy
```

vzquota : (warning) Quota is running for id 231

```
This is from vz.log on HN1:
2007-03-22T11:16:25+0100 vzctl : VE 231 : Setting up checkpoint...
2007-03-22T11:16:25+0100 vzctl : VE 231 : suspend...
2007-03-22T11:16:25+0100 vzctl : VE 231 : get context...
2007-03-22T11:16:25+0100 vzctl : VE 231 : Checkpointing completed succesfully
2007-03-22T11:16:25+0100 vzctl : VE 231 : Setting up checkpoint...
2007-03-22T11:16:25+0100 vzctl : VE 231 : join context..
2007-03-22T11:16:25+0100 vzctl : VE 231 : dump...
2007-03-22T11:16:29+0100 vzctl : VE 231 : Checkpointing completed succesfully
2007-03-22T11:20:53+0100 vzctl : VE 231 : Resuming...
```

```
This is from vz.log on HN2:
2007-03-22T11:07:15+0100 vzctl : VE 231 : Name jira assigned
2007-03-22T11:07:15+0100 vzctl : VE 231 : Saved parameters for VE 231
2007-03-22T11:14:27+0100 vzctl : VE 231 : Restoring VE ...
2007-03-22T11:14:27+0100 vzctl : VE 231 : Starting VE ...
```

2007-03-22T11:14:27+0100 vzctl : VE 231 : VE is mounted
2007-03-22T11:14:28+0100 vzctl : VE 231 : Adding IP address(es): 213.214.12.231
2007-03-22T11:14:28+0100 vzctl : VE 231 : Setting CPU units: 200033
2007-03-22T11:15:01+0100 vps-bandwidth : Statsfile for VPS 231 created.
2007-03-22T11:18:55+0100 vzctl : VE 231 : VE config file does not exist
2007-03-22T11:19:08+0100 vzctl : VE 231 : VE config file does not exist
2007-03-22T11:20:06+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:20:09+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:20:14+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:20:52+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:21:30+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:21:42+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:22:03+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:25:26+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:25:30+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:28:51+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:28:54+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:30:13+0100 vzctl : VE 231 : VE already locked
2007-03-22T11:31:09+0100 vzctl : VE 231 : VE start in progress...
2007-03-22T11:31:09+0100 vzctl : VE 231 : Restoring completed succesfully

Now I can't get rid of 231 on HN2
it always says "VE already locked"

Any Ideas? Thanks in advance.

Kai

Subject: Re: "VE already locked" after unsuccessful migration
Posted by [Andrey Mirkin](#) on Thu, 22 Mar 2007 14:22:28 GMT
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You are using old version of 2.6.18 kernel, try to update kernel on destination node.

Also please provide us following information from destination node:

cat /proc/vz/veinfo

cat /proc/vz/veip

ls \$LOCKDIR -lwhere \$LOCKDIR is variable from global openvz config (/etc/vz/vz.conf)

If while migration vzctl will hang again then please do the following on destination node:
echo t > /proc/sysrq-trigger and post here kernel logs.

Subject: Re: "VE already locked" after unsuccessful migration
Posted by [ataraxis](#) on Thu, 22 Mar 2007 15:44:30 GMT

HN2:~# cat /proc/vz/veinfo

245	0	137	x.y.z.245
232	0	154	x.y.z.232
233	0	40	x.y.z.233
239	0	177	x.y.z.239
247	0	106	x.y.z.247
248	0	201	x.y.z.248
246	0	125	x.y.z.246
0	0	136	

HN2:~# cat /proc/vz/veip

Version: 2.5

x.y.z.232	0
x.y.z.233	0
x.y.z.239	0
x.y.z.245	0
x.y.z.246	0
x.y.z.247	0
x.y.z.248	0

HN2:~# grep -i lock /etc/vz/vz.conf

LOCKDIR=/var/lib/vz/lock

HN2:~# ls /var/lib/vz/lock/ -l

insgesamt 0

After lunch I was suddenly able to delete the VE.

I tried to move the VEs then to a third server, it worked flawless there.

Here are infos about the third one:

HN3:~# cat /proc/vz/veinfo

241	2	168	x.y.z.241
231	2	89	x.y.z.231
240	0	178	x.y.z.240
104	0	241	x.y.z.237
0	0	125	

HN3:~# cat /proc/vz/veip

Version: 2.5

x.y.z.231	0
x.y.z.237	0
x.y.z.240	0
x.y.z.241	0

I then updated HN1 to 2.6.18-028stab021 and then moving a VE to HN2 worked flawless.

Subject: Re: "VE already locked" after unsuccessful migration
Posted by [Andrey Mirkin](#) on Thu, 22 Mar 2007 16:38:28 GMT
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Well, 2.6.18-028test007 is old and buggy kernel and many bugs were fixed since that time, but maybe you have triggered a new one.
So, please check for errors /var/log/messages on HN2, and if you find there something strange, then please post here.

Subject: Re: "VE already locked" after unsuccessful migration
Posted by [ataraxis](#) on Thu, 22 Mar 2007 16:49:59 GMT
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This is in /var/log/messages :

```
Mar 22 11:05:11 HN2 -- MARK --
Mar 22 11:14:28 HN2 kernel: VPS: 231: started
Mar 22 11:14:29 HN2 kernel: CPT ERR: f54eb800,231 :rst_file: -19 88760
Mar 22 11:14:29 HN2 kernel: CPT ERR: f54eb800,231 :rst_files: -19
Mar 22 11:14:29 HN2 kernel: CPT ERR: f54eb800,231 :make_baby: -19
Mar 22 11:14:29 HN2 kernel: CPT ERR: f54eb800,231 :rst_clone_children
Mar 22 11:25:13 HN2 -- MARK --
Mar 22 11:31:10 HN2 kernel: VPS: 231: stopped
Mar 22 11:45:13 HN2 -- MARK --
```

I later tried it with a different VE with the same results:

```
Mar 22 13:05:16 HN2 -- MARK --
Mar 22 13:24:03 HN2 kernel: VPS: 241: started
Mar 22 13:24:03 HN2 kernel: CPT ERR: f19cb400,241 :rst_file: -19 142096
Mar 22 13:24:03 HN2 kernel: CPT ERR: f19cb400,241 :rst_files: -19
Mar 22 13:24:03 HN2 kernel: CPT ERR: f19cb400,241 :make_baby: -19
Mar 22 13:24:03 HN2 kernel: CPT ERR: f19cb400,241 :rst_clone_children
Mar 22 13:45:17 HN2 -- MARK --
Mar 22 13:57:24 HN2 kernel: VPS: 241: stopped
Mar 22 14:25:19 HN2 -- MARK --
```

I have noticed that the load average went sky high during that time:
50 in the first case, 80 in the second

Subject: Re: "VE already locked" after unsuccessful migration
Posted by [ataraxis](#) on Thu, 22 Mar 2007 17:13:28 GMT
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now I tried to move it back to HN1 from HN3, same problem :/
(HN3 is 2.6.16-026test017, HN1 is 2.6.18-028stab021)

Quote:

HN1:~# cat /proc/vz/veinfo

231	2	4	x.y.z.231
250	0	73	x.y.z.250
230	0	22	x.y.z.230
249	0	195	x.y.z.249
229	0	76	x.y.z.229
0	0	109	

Quote:

HN1:~# cat /proc/vz/veip

Version: 2.5

x.y.z.229	0
x.y.z.230	0
x.y.z.231	0
x.y.z.249	0
x.y.z.250	0

Quote:

HN1:~# grep LOCKDIR /etc/vz/vz.conf

LOCKDIR=/var/lib/vz/lock

HN1:~# ls -lh /var/lib/vz/lock/

insgesamt 4,0K

-rw----- 1 root root 5 2007-03-22 18:03 231.lck

HN1:~# ls -l /var/lib/vz/lock/

insgesamt 4

-rw----- 1 root root 5 2007-03-22 18:03 231.lck

Quote:

HN1:~# echo t > /proc/sysrq-trigger; tail -f /var/log/messages

-bash: /proc/sysrq-trigger: Datei oder Verzeichnis nicht gefunden

Mar 22 16:59:01 HN1 -- MARK --

Mar 22 17:19:02 HN1 -- MARK --

Mar 22 17:39:02 HN1 -- MARK --

Mar 22 17:59:03 HN1 -- MARK --

Mar 22 18:03:09 HN1 kernel: VE: 231: started

Mar 22 18:03:09 HN1 kernel: CPT ERR: dbe2e000,231 :rst_file: -19 127560

Mar 22 18:03:09 m01host kernel: CPT ERR: dbe2e000,231 :rst_files: -19

Mar 22 18:03:09 m01host kernel: CPT ERR: dbe2e000,231 :make_baby: -19

Mar 22 18:03:09 m01host kernel: CPT ERR: dbe2e000,231 :rst_clone_children

Quote:

HN3:~# vz migrate -v --online m01host 231

OPT:-v

OPT:--online

OPT:HN1

Starting online migration of VE 231 on HN1

OpenVZ is running...

Loading /etc/vz/vz.conf and /etc/vz/conf/231.conf files

```

Check IPs on destination node: x.y.z.231
Preparing remote node
  Copying config file
231.conf                100% 1150   1.1KB/s  00:00
Saved parameters for VE 231
  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.231                100% 508MB 31.8MB/s 00:16
  Syncing private (2nd pass)
Syncing 2nd level quota
  Dumping 2nd level quota
  Copying 2nd level quota
quotadump.231           100% 21   0.0KB/s  00:00
  Load 2nd level quota
  Undumping VE
Restoring VE ...
Starting VE ...
VE is mounted
  undump...
vzquota : (warning) Quota is running for id 231 already
Adding IP address(es): x.y.z.231
Setting CPU units: 200033
-----
i hit CTRL+C after a while again
-----
Killed by signal 2.
Error: Failed to undump VE
Resuming...
arp send: x.y.z.231 is detected on another computer : <MAC>
vps-net_add WARNING: arp send -c 1 -w 1 -D -e x.y.z.231 eth0 FAILED
vzquota : (error) Quota off syscall for id 231: Device or resource busy
vzquota : (warning) Quota is running for id 231

```

how do i get /proc/sysrq-trigger?

Subject: Re: "VE already locked" after unsuccessful migration

Posted by [Andrey Mirkin](#) on Thu, 22 Mar 2007 17:41:31 GMT

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If this bug is reproducible on new kernel, then it would be nice if you will provide us dump file.
