
Subject: *BUG REPORTED* Migration error: iptables-restore exited with 1
Posted by [ugob](#) on Tue, 19 Jun 2007 06:40:32 GMT
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Hi,

I get the following error when I try to migrate one VE to another server.

```
[root@source .ssh]# vzmigrate -v --online 192.168.2.17 107
OPT:-v
OPT:--online
OPT:192.168.2.17
Starting online migration of VE 107 on 192.168.2.17
OpenVZ is running...
  Loading /etc/vz/vz.conf and /etc/vz/conf/107.conf files
  Check IPs on destination node: 192.168.2.207
Preparing remote node
  Copying config file
107.conf                100% 1799   1.8KB/s  00:00
Saved parameters for VE 107
  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.107                100% 46MB  6.5MB/s  00:07
  Syncing private (2nd pass)
Syncing 2nd level quota
  Dumping 2nd level quota
  Copying 2nd level quota
quotadump.107          100% 21   0.0KB/s  00:00
  Load 2nd level quota
  Undumping VE
Restoring VE ...
Starting VE ...
```

```
vzquota : (warning) Quota is running for id 107 already
VE is mounted
  undump...
Adding IP address(es): 192.168.2.207
Setting CPU units: 7000
Error: undump failed: Invalid argumentStopping VE ...
```

```
Restoring failed:
iptables-restore exited with 1
rst_restore_net: -22
VE start failed
VE was stopped
VE is unmounted
Error: Failed to undump VE
Resuming...
arpsend: 192.168.2.207 is detected on another computer : 00:d0:b7:c8:44:65
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 192.168.2.207 eth0 FAILED
vzquota : (error) Quota is not running for id 107
```

I restarted vz on the destination... in vain. The destination is a fresh install of CentOS 4 and openvz.

Subject: Re: Migration error - Quota is not running
Posted by [ugob](#) on Tue, 19 Jun 2007 06:44:36 GMT
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I tried without the --online and it worked.

Please note that my /vz is not at /vz, but at /home/vz/ on the source server. On the destination server, the VM got migrated to /home/vz/ correctly when not using the --online option.

Regards,

Ugo

Subject: Re: Migration error - Quota is not running
Posted by [Andrey Mirkin](#) on Tue, 19 Jun 2007 08:12:39 GMT
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The migration process failed not due to quota.
It is failed because of this:

```
Error: undump failed: Invalid argumentStopping VE ...
```

Restoring failed:
iptables-restore exited with 1
rst_restore_net: -22

Can you give an access to this nodes to investigate this issue? If you can, then please post it via PM.

Subject: Re: Migration error - Quota is not running
Posted by [Andrey Mirkin](#) on Wed, 20 Jun 2007 11:29:52 GMT
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After some investigation on your node I have found that some iptables modules are not loaded on destination node.

On source node in /etc/vz/vz.conf we have:
IPTABLES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ipt_state iptable_nat ip_nat_ftp"

On destination node we have:
IPTABLES="ip_tables ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length"

After changing this value on dst node and restarting vz service I was able to migrate this VE.

Subject: Re: Migration error - Quota is not running
Posted by [Vasily Tarasov](#) on Wed, 20 Jun 2007 12:17:13 GMT
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Andrey, probably we should add the check of required modules in vzmigrate?..

Vasily.

Subject: Re: Migration error - Quota is not running
Posted by [Andrey Mirkin](#) on Wed, 20 Jun 2007 13:44:21 GMT
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Yes, we should definitely add this check.

Subject: Re: Migration error - Quota is not running
Posted by [Vasily Tarasov](#) on Thu, 21 Jun 2007 10:53:15 GMT
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Ok, I created a bug report in order not to forget about the problem:
http://bugzilla.openvz.org/show_bug.cgi?id=631

Thanks.

Subject: Re: Migration error - Quota is not running
Posted by [ugob](#) on Thu, 21 Jun 2007 12:36:41 GMT
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Cool thanks .
