
Subject: Failed to suspend VE

Posted by [goeldi](#) on Mon, 07 May 2007 13:24:27 GMT

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I try to migrate a VE from one HN to another one with the exact same kernel (2.6.9-023stab043.2-smp). On both machines, Quota is disabled in /etc/vz/vz.conf (DISK_QUOTA=no).

This is what I get:

```
/usr/sbin/vzmigrate -r no --online -v 195.141.118.235 134
```

```
OPT:-r
```

```
OPT:--online
```

```
OPT:-v
```

```
OPT:195.141.118.235
```

```
Starting online migration of VE 134 on 195.141.118.235
```

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

```
  Loading /etc/vz/vz.conf and /etc/vz/conf/134.conf files
```

```
  Check IPs on destination node: 195.141.118.134
```

```
Preparing remote node
```

```
  Copying config file
```

```
134.conf
```

```
100% 1392  1.4KB/s  00:00
```

```
Saved parameters for VE 134
```

```
  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...
```

```
Error: No checkpointing support, unable to open /proc/cpt: No such file or directory
```

```
Error: Failed to suspend VE
```

```
vzquota : (error) Quota is not running for id 134
```

```
source HN vz.conf:
```

```
## Global parameters
```

```
VIRTUOZZO=yes
```

```
LOCKDIR=/vz/lock
```

```
DUMPPDIR=/vz/dump
```

```
VE0CPUUNITS=1000
```

```
## Logging parameters
```

```
LOGGING=yes
```

```
LOGFILE=/var/log/vzctl.log
```

```
LOG_LEVEL=0
```

```

## Disk quota parameters
DISK_QUOTA=no
VZFASTBOOT=no

# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
#VE_ROUTE_SRC_DEV="eth0"

## Template parameters
TEMPLATE=/vz/template

## Defaults for VEs
VE_ROOT=/vz/root/$VEID
#VE_PRIVATE=/vz/private/$VEID
VE_PRIVATE=/home/$VEID
CONFIGFILE="vps.10stueck"
DEF_OSTEMPLATE="fedora-core-4"

## Load vzwdog module
VZWDOG="no"

IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"

target HN vz.conf:
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/vz/lock
DUMPPDIR=/vz/dump
VE0CPUUNITS=1000

## Logging parameters
LOGGING=yes
LOGFILE=/var/log/vzctl.log
LOG_LEVEL=0
VERBOSE=0

## Disk quota parameters
DISK_QUOTA=no
VZFASTBOOT=no

# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
#VE_ROUTE_SRC_DEV="eth0"

## Template parameters
TEMPLATE=/vz/template

```

```

## Defaults for VEs
VE_ROOT=/vz/root/$VEID
VE_PRIVATE=/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="fedora-core-4"

## Load vzwdog module
VZWDOG="no"
IPV6="no"

IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"

134.conf:
# Configuration file generated by vzsplrit for 10 VPS
# on HN with total amount of physical mem 2022 Mb
# low memory 808 Mb, swap size 1019 Mb, Max treads 8000
# Resource commit level 0:
# Free resource distribution. Any parameters may be increased
# Primary parameters
NUMPROC="800:800"
AVNUMPROC="206:206"
NUMTCPSOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="310636:2147483647"

# Secondary parameters
KMEMSIZE="16949002:18643902"
TCPSNDBUF="2372867:5649667"
TCPRCVBUF="2372867:5649667"
OTHERSOCKBUF="1186433:4463233"
DGRAMRCVBUF="1186433:1186433"
OOMGUARPAGES="310636:2147483647"
PRIVVMPAGES="310636:341699"

# Auxiliary parameters
LOCKEDPAGES="827:827"
SHMPAGES="31063:31063"
PHYSPAGES="0:2147483647"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"
NUMIPTENT="200:200"
DISKSPACE="204799:225280"
DISKINODES="80000:88000"
CPUUNITS="13440"

```

```
IP_ADDRESS="195.141.118.134"
HOSTNAME="web"
VE_ROOT="/var/vz/root/134"
VE_PRIVATE="/var/vz/private/134"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.10stueck"
NAMESERVER="195.141.56.5 212.40.0.10"
ONBOOT="yes"
IPTABLES="iptables_filter iptables_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
iptables_tcpmss ipt_tcpmss ipt_ttl ipt_L
iptables_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc ipt_conntrack ipt_state ipt_helper
iptables_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT"
```

Subject: Re: Failed to suspend VE
Posted by [scythe](#) on Mon, 07 May 2007 13:28:56 GMT
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Quote:Error: No checkpointing support, unable to open /proc/cpt: No such file or directory

Seems like You dont have the checkpointing (cpt) module compiled/loaded?
Im not sure if it is built in 2.6.9, it isnt in 2.6.20 for sure.

Subject: Re: Failed to suspend VE
Posted by [goeldi](#) on Mon, 07 May 2007 13:32:15 GMT
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I saw here (<http://forum.openvz.org/index.php?t=tree&th=885&mid=4794&&rev=&reveal=>) that test kernel are needed, but this was almost 1 year ago. Is checkpointing now not in the stable kernel?

And: is it needed on both sides or only on the source node?

Subject: Re: Failed to suspend VE
Posted by [rickb](#) on Mon, 07 May 2007 13:44:51 GMT
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Quote:Error: No checkpointing support

You need to use a 2.6.18 kernel. 2.6.9 openvz does not support checkpointing, which is using for live migration.

Subject: Re: Failed to suspend VE
Posted by [goeldi](#) on Mon, 07 May 2007 13:46:55 GMT
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do both nodes need the 2.6.18 kernel?

Subject: Re: Failed to suspend VE
Posted by [rickb](#) on Mon, 07 May 2007 13:51:50 GMT
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yes, both nodes need to be 2.6.18 w/ openvz

Subject: Re: Failed to suspend VE
Posted by [rookie](#) on Mon, 07 May 2007 16:24:52 GMT
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rickb wrote on Mon, 07 May 2007 15:44Quote:Error: No checkpointing support

You need to use a 2.6.18 kernel. 2.6.9 openvz does not support checkpointing, which is using for live migration.

Are you sure? ...sorry but my vzmigrate works fine with 2.6.9stab kernel (Between CentOS4-Nodes). I migrate Slackware- and CentOS-VPS online with vzmigrate. So i think it's possible to migrate online with kernel 2.6.9stab. (My english maybe very bad but my online-migration with 2.6.9stab kernel works very good)

Subject: Re: Failed to suspend VE
Posted by [Andrey Mirkin](#) on Tue, 08 May 2007 13:17:00 GMT
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Please load CPT modules on both nodes:
modprobe vzcpt
modprobe vzrst

What kernel version do you use?
