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
DUMPDIR=/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
DUMPDIR=/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 vzsplit for 10 VPS
# on HN with total amount of physical mem 2022 Mb
# low memory 808 Mb, swap size 1019 Mb, Max treads 8000
# Resourse 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="iptable_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_L
OG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc ipt_conntrack ipt_state ipt_helper iptable_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?