Subject: Restore error, but restored VM seems to be working
Posted by ugob on Thu, 22 Mar 2007 13:42:49 GMT
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Hi, I have just made a restore this way:

vzctl chkpnt 109 --suspend

vzctl chkpnt 109 --dump --dumpfile /data/vz/dump/Dump.109

cd /data/vz/private/

tar -xjf 109_private.tar.bz2 109/

vzctl chkpnt 109 --suspend

scp 109_private.tar.bz2 user@destination.server:/home/user/

created a /etc/vz/conf/109.conf by copying another file, changing hostname and IP address.

untarred the private data into /home/vz/private/109 (VE_PRIVATE=/home/vz/private/$VEID on this server)

vzctl restore 109 --dumpfile /home/user/Dump.109

Then I get this error:

Error: undump failed: Invalid argument
Restoring failed:
open_listening_socket: listen: -22, 91968, 0
rst_sockets: open_listening_socket: -22
rst_sockets: -22
VE start failed

Kernel Log:

Mar 22 08:42:24 svr01 kernel: CPT ERR: f696a400,109 :open_listening_socket: listen: -22, 91968, 0
Mar 22 08:42:24 svr01 kernel: CPT ERR: f696a400,109 :rst_sockets: open_listening_socket: -22
Mar 22 08:42:24 svr01 kernel: CPT ERR: f696a400,109 :rst_sockets: -22

But if I do a vzctl start 109, everything seems to be working perfectly.

ovzkernel-2.6.9-023stab040.1
vzctl-3.0.16-1

Should I worry about that?

Am I using the right method if I want to do a simple dump and restore from one server to another (I don't want to do a migration)

Regards,

Subject: Re: Restore error, but restored VM seems to be working
Posted by Andrey Mirkin on Thu, 22 Mar 2007 14:31:41 GMT
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ugob wrote on Thu, 22 March 2007 08:42Hi, I have just made a restore this way:

vzctl chkpnt 109 --suspend

vzctl chkpnt 109 --dump --dumpfile /data/vz/dump/Dump.109

cd /data/vz/private/

tar -xjf 109_private.tar.bz2 109/

vzctl chkpnt 109 --suspend

Why do you doing here suspend again?

Quote:scp 109_private.tar.bz2 user@destination.server:/home/user/

created a /etc/vz/conf/109.conf by copying another file, changing hostname and IP address.

untarred the private data into /home/vz/private/109 (VE_PRIVATE=/home/vz/private/$VEID on this server)

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But if I do a vzctl start 109, everything seems to be working perfectly.

ovzkernel-2.6.9-023stab040.1
vzctl-3.0.16-1

Should I worry about that?

Am I using the right method if I want to do a simple dump and restore from one server to another (I don't want to do a migration)

Regards,
Can you please post here config file and dump file. It will help us to analyse what is wrong.

Subject: Re: Restore error, but restored VM seems to be working
Posted by ugob on Thu, 22 Mar 2007 14:39:52 GMT
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The second suspend was supposed to be a resume...

I can't post the dump file here, it is too big. It is 6.1 MB big and your forum allows only 2 MB uploads. I'd rather not post my config file here... Maybe I can send you the dump and the config file somewhere?

Thanks,

Ugo

Subject: Re: Restore error, but restored VM seems to be working
Posted by ugob on Thu, 22 Mar 2007 18:23:58 GMT
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Finally, I tried it again from scratch and everything went fine. If you don't want to look into it further, you can consider this issue as resolved. Maybe lack of experience on my side.

Regards,

Ugo

Subject: Re: Restore error, but restored VM seems to be working

Posted by ugob on Thu, 22 Mar 2007 18:50:39 GMT

ugob wrote on Thu, 22 March 2007 13:23Finally, I tried it again from scratch and everything went fine. If you don't want to look into it further, you can consider this issue as resolved. Maybe lack of experience on my side.

The only problem I had is that when it restored, it started the VM, but with the old IP address (I had to change the IP address, I did that by changing the .conf file).

Restoring VE ...
Starting VE ...
Initializing quota ...
VE is mounted
        undump...
Adding IP address(es): 192.168.2.209
Setting CPU units: 51125
        resume...
VE start in progress...
Restoring completed succesfully

But it kept the old IP address.

Not really a big issue, I only did a vzctl stop and vzctl start and everything went back to normal.

Subject: Re: Restore error, but restored VM seems to be working
Posted by Andrey Mirkin on Fri, 23 Mar 2007 10:38:33 GMT

I have sent you a private message with request for dump file and config, but it seems that you didn't get it
I have sent you e-mail with same request.

I would like to investigate this problem deeper as it can be a bug in checkpointing.

Quote:The only problem I had is that when it restored, it started the VM, but with the old IP address (I had to change the IP address, I did that by changing the .conf file).
When we are checkpointing VE we are saving all info (including network addresses and routes) to dump file. When we are restoring VE we are taking all info from dump file.
But you will ask: what in this case vzctl is setting?
The answer is: vzctl set IP address settings for this VE in VE0 (route and special mapping VE<->IP (/proc/vz/veip)).
In your case one IP address is restored in VE and different address is used by vzctl to set route in VE0.