Subject: [SOLVED] live migration checkpointing/dump error: iptables-save exited with 255
Posted by wolvesled on Tue, 08 Apr 2008 02:29:56 GMT
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hi,

I had encounter error in live migration, after some search (solve the problem in line 382 of vzmigrate), I locate that problem is with checkpoint, because live migration will create a dump (i.e. checkpoint) of the running ve, then restore in the destination ve.

here is the error:

vzctl chkpnt 2000201
Setting up checkpoint...
	suspend...
	dump...
Can not dump VE: Invalid argument
Error: iptables-save exited with 255
Checkpointing failed

also I have read in some post that it is the bug of one previous kernel (
http://git.openvz.org/?p=linux-2.6.18-openvz;a=commit;h=6507
23f83a8685111fb3dee7073454861c446193).

my configuration:

platform: gentoo, well maintained
kernel version: 2.6.18-028stab053-r2
vzctl: 3.0.22
vzquota:3.0.11

it will be thankful if anyone could point me out.

Subject: Re: iptables-save exited with 255
Posted by wolvesled on Tue, 08 Apr 2008 02:35:27 GMT
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same problem in this one:

 http://forum.openvz.org/index.php?t=tree&goto=26872& &srch=can+not+dump+ve#msg_26872

Subject: Re: checkpointing error: iptables-save exited with 255

Posted by wolvesled on Fri, 11 Apr 2008 06:51:07 GMT

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I'm wondering if I did not name this thread correct, but that's the only thing I have with dump/checkpointing now.

Is that I should post this into the development section?

thanks for any advice.

Subject: Re: checkpointing error: iptables-save exited with 255
Posted by kir on Fri, 11 Apr 2008 08:03:40 GMT

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During the checkpointing phase, kernel tries to execute /sbin/iptables-save (or /usr/sbin/iptables-save) to save the iptables rules and stats. During the restore phase, it runs /sbin/iptables-restore.

If you do use iptables in your container, make sure these scripts exist and working.

If you do not use iptables, make sure these scripts exist and return 0 exit code. The simplest way to do that is
ln -sf /bin/true /sbin/iptables-save
ln -sf /bin/true /sbin/iptables-restore

Hope that helps.

Subject: Re: checkpointing error: iptables-save exited with 255
Posted by wolvesled on Mon, 14 Apr 2008 03:13:13 GMT

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hi kir,

thank you very much of the tip, I thought the iptables was with the virtual server, was trying to looking problems in kernel...

now the problem is solved, and I'm happy with the live migration.

thanks again!