
Subject: [solved] Checkpointing does not work ?
Posted by [ronnidk](#) on Fri, 21 Nov 2008 21:23:06 GMT
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Hi,

I want to substitute one of my virtual servers, so the new one get the old ones information; container id, hostname, ip etc.

I read in this thread: <http://forum.openvz.org/index.php?t=msg&goto=29069&>

That I should do this:

```
host# vzctl chkpnt 101 --dumpfile /tmp/Dump.101
host# mv /etc/vz/conf/101.conf /etc/vz/conf/102.conf
host# mv /vz/private/101 /vz/private/102
host# mv /vz/root/101 /vz/root/102
host# vzctl restore 102 --dumpfile /tmp/Dump.101
```

But when I do:

```
vzctl chkpnt 101 --dumpfile /tmp/Dump.101
```

I get this error:

```
Setting up checkpoint...
```

```
    suspend...
```

```
    dump...
```

```
Can not dump container: Invalid argument
```

```
Error: iptables-save exited with 255
```

```
Checkpointing failed
```

The `/var/log/vzctl.log` also just tells me that it can't dump the container, but not why?

Any help?

- Ronni

Subject: Re: Checkpointing does not work ?
Posted by [JimL](#) on Sat, 22 Nov 2008 11:55:44 GMT
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Please see if this thread will help you.

http://forum.openvz.org/index.php?t=msg&goto=29169&&srch=iptables-save+exited+with+255#msg_29169

It worked for me.

Subject: Re: Checkpointing does not work ?
Posted by [ronnidk](#) on Mon, 24 Nov 2008 07:34:24 GMT
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Hi,

I looked at the thread you referred to.

If I do a `ls -l /sbin/iptables*` I get this:

```
-rwxr-xr-x 1 root root 60992 2008-08-11 17:12 /sbin/iptables
-rwxr-xr-x 1 root root 65416 2008-08-11 17:12 /sbin/iptables-restore
-rwxr-xr-x 1 root root 65280 2008-08-11 17:12 /sbin/iptables-save
-rwxr-xr-x 1 root root 18776 2008-08-11 17:12 /sbin/iptables-xml
```

So I already have the `iptables-save` and `iptables-restore` scripts.
I don't use `iptables` yet, but I will at some point. If I use the suggested solution, how do I reverse it, when I get to use `iptables`, and will I then experience the same error?

- Ronni

Subject: Re: Checkpointing does not work ?
Posted by [JimL](#) on Mon, 24 Nov 2008 12:57:04 GMT
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ronnidk wrote on Mon, 24 November 2008 02:34Hi,

I looked at the thread you referred to.

If I do a `ls -l /sbin/iptables*` I get this:

```
-rwxr-xr-x 1 root root 60992 2008-08-11 17:12 /sbin/iptables
-rwxr-xr-x 1 root root 65416 2008-08-11 17:12 /sbin/iptables-restore
-rwxr-xr-x 1 root root 65280 2008-08-11 17:12 /sbin/iptables-save
-rwxr-xr-x 1 root root 18776 2008-08-11 17:12 /sbin/iptables-xml
```

So I already have the `iptables-save` and `iptables-restore` scripts.
I don't use `iptables` yet, but I will at some point. If I use the suggested solution, how do I reverse it, when I get to use `iptables`, and will I then experience the same error?

- Ronni

The referenced article was applicable to folks that didn't have `iptables` installed. Don't use the suggested solution in your case.

Since it appears that `iptables-save` isn't working, you might try running `iptables-save` from the command line to see if it gives you an error message. I have a system that doesn't use `iptables` but it is installed and when I run `iptables-save` manually it completes without error and returns a 0.

Jim.

Subject: Re: Checkpointing does not work ?
Posted by [ronnidk](#) on Tue, 25 Nov 2008 07:10:22 GMT
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I've run /sbin/iptables-save on my server (Ubuntu 8.10) which seem to work.
I get the following output:

```
# Generated by iptables-save v1.4.0 on Tue Nov 25 08:06:33 2008
*filter
:INPUT ACCEPT [125:13040]
:FORWARD ACCEPT [58:4673]
:OUTPUT ACCEPT [96:12110]
COMMIT
# Completed on Tue Nov 25 08:06:33 2008
```

I ran the iptables-save on my workstation @ work (Ubuntu 8.10), which gave me this output:

```
# Generated by iptables-save v1.4.0 on Tue Nov 25 08:06:03 2008
*filter
:INPUT ACCEPT [1017917:1038266678]
:FORWARD ACCEPT [0:0]
:OUTPUT ACCEPT [721641:134562042]
COMMIT
# Completed on Tue Nov 25 08:06:03 2008
```

So it seems to work? Unless theres a bug in Ubuntu ?

- Ronni

Subject: Re: Checkpointing does not work ?
Posted by [JimL](#) on Tue, 25 Nov 2008 11:40:21 GMT
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It may seem obvious but I have to ask, did you run the iptables-save command on the VE 101 which is what you are trying to checkpoint? In your last message you talked about running it on a server but I didn't get a warm feeling that the "server" was the VE that you are checkpointing.

Jim.

vzctl exec 101 iptables-save

Subject: Re: Checkpointing does not work ?
Posted by [ronnidk](#) on Tue, 25 Nov 2008 13:12:51 GMT
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Uuuh... that gave me a command not found...

I will try the solution in the thread you suggested earlier.

Update: And it works!
Sweet! Thank you!!!

- Ronni
