
Subject: chkpnt does not work
Posted by [Xandrian](#) on Thu, 11 May 2006 11:46:57 GMT
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hi,

i tried to generate a checkpoint of a vps.

```
# vzctl chkpnt 103
Setup checkpoint...
Error: No checkpointing support, unable to open /proc/cpt: No such file or directory
```

what have i to do, to generate checkpoints? i found nothing in the kernel. i am using 2.6.16-test0012.1

thx.

cu tb

Subject: Re: chkpnt does not work
Posted by [Xandrian](#) on Fri, 12 May 2006 08:12:01 GMT
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hi,

nobody any ideas?

cu tb

Subject: Re: chkpnt does not work
Posted by [dev](#) on Fri, 12 May 2006 12:39:53 GMT
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```
# lsmod
do you have modules vzcpt and vzrst loaded?
```

Subject: Re: chkpnt does not work
Posted by [Xandrian](#) on Fri, 12 May 2006 12:53:34 GMT
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hej,

no. both are not loaded and also are not existing on my system. how can i creat them? i didn't find

anything in the kernel menuconfig...

cu tb.

Subject: Re: chkpnt does not work
Posted by [dev](#) on Fri, 12 May 2006 14:28:41 GMT
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have you compiled the kernel itself?
check CONFIG_VZ_CHECKPOINT option. is it 'm'?

Subject: Re: chkpnt does not work
Posted by [Xandrian](#) on Fri, 12 May 2006 14:33:30 GMT
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hi,

no because this option isn't available in my .config-file! i checked the patch-file and there i can find it but i don't know why it's not in the .config...

i added it now and try to compile it... no module available... it was not generated what i am doing wrong?

cu tb.

Subject: Re: chkpnt does not work
Posted by [dev](#) on Fri, 12 May 2006 14:44:02 GMT
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```
+config VZ_CHECKPOINT
+   tristate "Checkpointing & restoring Virtual Environments"
+   depends on SOFTWARE_SUSPEND && VE_CALLS
```

check that you enabled these 2 options which are required for checkpointing.

Subject: Re: chkpnt does not work
Posted by [Xandrian](#) on Fri, 12 May 2006 15:01:38 GMT
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that's it SOFTWARE_SUSPEND was missing because i deactivated the energy save options
now i can compile but i cannot load the module vzcpt...

```
# modprobe vzcpt FATAL: Error inserting vzcpt  
(/lib/modules/2.6.16-026test012/kernel/kernel/cpt/vzcpt.ko): Unknown symbol in module, or  
unknown parameter (see dmesg)  
#dmesg  
[...]  
vzcpt: Unknown symbol pmd_huge
```

any ideas? thx.

cu tb

Subject: Re: chkpnt does not work
Posted by [xemul](#) on Fri, 12 May 2006 15:09:50 GMT
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Try this patch

File Attachments

1) [diff-cpt-export-pmd-huge-20060511](#), downloaded 390 times

Subject: Re: chkpnt does not work
Posted by [Xandrian](#) on Fri, 12 May 2006 15:46:08 GMT
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thx @ xemul! that's it now it's working. thx.

cu tb.
