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Subject: **\*SOLVED\*** VPS Tamplate: gentoo-20060317-i686-stage3

Posted by [stefan](#) on Tue, 08 Aug 2006 08:46:29 GMT

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Hi, we installed the gentoo-20060317-i686-stage3 from <http://openvz.org/download/template/cache>. It runs, but:

vzctl enter -> enter failed

ssh is also not posible, after giving the passwort nothing goes on.

the other installed VPS (debian, opensuse) dont have the this problems.

Has anybody an idea to solve this?

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3

Posted by [Vasily Tarasov](#) on Tue, 08 Aug 2006 10:03:11 GMT

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Are there other VPSs (with different tamplates), that works?

What kernel do you use?

If you've compiled it yourself provide config file, please.

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3

Posted by [stefan](#) on Tue, 08 Aug 2006 10:21:16 GMT

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other VPSs that works:

debian-3.1-i386-minimal.tar.gz

fedora-core-3-i386-default.tar.gz

opensuse-10-i386-default.tar.gz

Kernel: 2.6.16-026test015

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3

Posted by [Vasily Tarasov](#) on Tue, 08 Aug 2006 11:27:56 GMT

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Can you strace vzctl enter command, please?

Here is a small article how to do it:

[http://wiki.openvz.org/Stracing\\_a\\_program](http://wiki.openvz.org/Stracing_a_program)

And post straces here!

Thanks.

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P.S. Also, if you can provide temporary access to your node it would be much quicker to resolve your problem. So, if you have such possibility send login information through PM.

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [stefan](#) on Tue, 08 Aug 2006 12:26:31 GMT  
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Here is the output.  
Thank you

#### File Attachments

1) [strace-vzctl](#), downloaded 220 times

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [Vasily Tarasov](#) on Tue, 08 Aug 2006 12:36:18 GMT  
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Sorry, but this isn't the whole strace.  
While vzctl works, it creates child processes.  
These processes aren't traced in your case.

Read [http://wiki.openvz.org/Stracing\\_a\\_program](http://wiki.openvz.org/Stracing_a_program), please,  
to create appropriate strace.

Thanks!

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [stefan](#) on Tue, 08 Aug 2006 12:43:12 GMT  
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sorry, i hope now it is the right thing.

#### File Attachments

1) [strace-vzctl](#), downloaded 203 times  
2) [strace-vzctl.8664](#), downloaded 195 times

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [Vasily Tarasov](#) on Tue, 08 Aug 2006 13:03:35 GMT  
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There is BAD /dev/ptyp\* entries inside VE in question. Please, copy them from working VE:  
cp /vz/private/100/dev/ptyp\* /vz/private/200/dev/  
100 - working VE  
200 - VE, where enter fails.

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [stefan](#) on Tue, 08 Aug 2006 16:31:31 GMT  
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That does not work, sorry  
Maybe because the other VEs dont use udev.  
could this be a way to solve the problem?  
[http://wiki.openvz.org/Gentoo\\_template\\_creation#Set\\_up\\_udev](http://wiki.openvz.org/Gentoo_template_creation#Set_up_udev)  
or must we create a new template?

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [Vasily Tarasov](#) on Wed, 09 Aug 2006 06:21:48 GMT  
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As far as I understand you are using precreated template  
(gentoo-20060317-i686-stage3.tar.gz).  
I've tried them and it works for me, so there is no need  
now to recreate template.  
We must discover first what's the reason, why it doesn' work.  
Ok. Please do the following:  
200 - VEID of VE, where enter fails.

```
ls -l /vz/private/200/dev/ptyp0  
ls -l /vz/private/200/dev/ttyp0  
ls -l /vz/private/200/dev/ptmx
```

```
ls -l /vz/private/200/lib/udev/devices/ptyp0  
ls -l /vz/private/200/lib/udev/devices/ttyp0  
ls -l /vz/private/200/lib/udev/devices/ptmx
```

```
ls -l /dev/ptyp0  
ls -l /dev/ttyp0  
ls -l /dev/ptmx
```

100 - VEID of some other VE, where enter passes:  
ls -l /vz/private/100/dev/ptyp0  
ls -l /vz/private/100/dev/ttyp0  
ls -l /vz/private/100/dev/ptmx

Post the results here, please.  
Thanks.

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [stefan](#) on Wed, 09 Aug 2006 06:44:54 GMT  
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```
ls -l /vz/private/200/dev/ptyp0
crw-rw-rw- 1 root tty 2, 0 Mar 18 17:24 /vz/private/200/dev/ptyp0
```

```
ls -l /vz/private/200/dev/ttyp0
crw-rw-rw- 1 root tty 3, 0 Mar 18 17:24 /vz/private/200/dev/ttyp0
```

```
ls -l /vz/private/200/dev/ptmx
crw-rw-rw- 1 root tty 5, 2 Mar 18 17:24 /vz/private/200/dev/ptmx
```

```
ls -l /vz/private/200/lib/udev/devices/ptyp0
ls: -: No such file or directory
ls: l: No such file or directory
/vz/private/200/lib/udev/devices/ptyp0
```

```
ls -l /vz/private/200/lib/udev/devices/ttyp0
ls: -: No such file or directory
ls: l: No such file or directory
/vz/private/200/lib/udev/devices/ttyp0
```

```
ls -l /vz/private/200/lib/udev/devices/ptmx
ls: -: No such file or directory
ls: l: No such file or directory
/vz/private/200/lib/udev/devices/ptmx
```

```
ls -l /dev/ptyp0
ls: /dev/ptyp0: No such file or directory
```

```
ls -l /dev/ttyp0
ls: /dev/ttyp0: No such file or directory
```

```
ls -l /dev/ptmx
crw-rw-rw- 1 root tty 5, 2 Aug 9 08:40 /dev/ptmx
```

```
ls -l /vz/private/400/dev/ptyp0
crw-rw-rw- 1 root tty 2, 0 Dec 17 2005 /vz/private/400/dev/ptyp0
```

```
ls -l /vz/private/400/dev/ttyp0
crw-rw-rw- 1 root tty 3, 0 Dec 17 2005 /vz/private/400/dev/ttyp0
```

```
ls -l /vz/private/400/dev/ptmx
```

crw-rw-rw- 1 root tty 5, 2 Dec 29 2005 /vz/private/400/dev/ptmx

VE 400 is a precreated template opensuse (opensuse-10-i386-default.tar.gz)

Thank You

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [Vasily Tarasov](#) on Wed, 09 Aug 2006 07:30:20 GMT  
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The problem is that you've compiled kernel with  
CONFIG\_LEGACY\_PTYS option off. Please turn it on  
(CONFIG\_LEGACY\_PTYS=y) and everything will be OK.

Good luck!

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Subject: Re: VPS Tamplate: gentoo-20060317-i686-stage3  
Posted by [stefan](#) on Wed, 09 Aug 2006 07:40:42 GMT  
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We will try and report to you  
Thanks.