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Subject: Problem container

Posted by [dowdle](#) on Sat, 03 Sep 2011 00:02:49 GMT

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Greetings,

I just upgraded my main OpenVZ host to Scientific Linux 6.1 x86\_64 running the OpenVZ RHEL6-based branch. I'm all updated.

I migrated all of my containers over to it and everything seems to be working great. I redid the configs to use vswap and it is nice.

I do have one problem, and I don't know if it is related to the change or not... but I just now noticed it... but I have one CentOS 5.6 32-bit container that is having the no pty problem. When I try to vzctl enter into it I get:

```
Unable to open pty: No such file or directory
```

If I try to ssh in I get:

```
PTY allocation request failed on channel 0
```

It has had udev installed in it for a long time without issue and oddly all of the /dev stuff IS there. I have restarted the container several times... I have turned off udev... and back on again... and yes the files are always there... and I have even regenerated them with the various MAKEDEV solutions... but even though the files are there, I still get the same errors.

Any ideas?

TYL,

--

Scott Dowdle

704 Church Street

Belgrade, MT 59714

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(406)994-3931 [work]

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Subject: Re: Problem container

Posted by [samiam](#) on Sat, 03 Sep 2011 00:59:45 GMT

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What is the output of the following commands when this container is running:

```
vzctl exec ${NUMBER} ls -l /dev
```

```
vzctl exec ${NUMBER} ls -l /dev/pts
```

```
vzctl exec ${NUMBER} mount
```

Replace \${NUMBER} with the number of the container.

- Sam

2011/9/2 Scott Dowdle <dowdle@montanalinux.org>:

> Greetings,

>  
> I just upgraded my main OpenVZ host to Scientific Linux 6.1 x86\_64 running the OpenVZ RHEL6-based branch. I'm all updated.

>  
> I migrated all of my containers over to it and everything seems to be working great. I redid the configs to use vswap and it is nice.

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> It has had udev installed in it for a long time without issue and oddly all of the /dev stuff IS there. I have restarted the container several times... I have turned off udev... and back on again... and yes the files are always there... and I have even regenerated them with the various MAKEDEV solutions... but even though the files are there, I still get the same errors.

>  
> Any ideas?

>  
> TYL,

> --  
> Scott Dowdle  
> 704 Church Street  
> Belgrade, MT 59714  
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Subject: Re: Problem container

Posted by [Einar S. Ids](#) on Sat, 03 Sep 2011 08:40:05 GMT

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On Sat, Sep 3, 2011 at 2:02 AM, Scott Dowdle <dowdle@montanalinux.org> wrote:

> I do have one problem, and I don't know if it is related to the change or not... but I just now noticed it... but I have one CentOS 5.6 32-bit container that is having the no pty problem. When I try to vzctl enter into it I get:

>  
> Unable to open pty: No such file or directory

This sounds like the same problem I had when I recently moved some old Gentoo-containers from Linux-Vserver to OpenVZ.

Try the following command:  
vzctl exec CTID mount -t devpts none /dev/pts  
then try to reenter:  
vzctl enter CTID

If this works, then all you have to do is add the line "mount -t devpts none /dev/pts" to the container's /etc/rc.local to make sure it stays working after a restart. There may be more elegant solutions out there, but this works for me.

Cheers,  
Einar

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Subject: Re: Problem container  
Posted by [dowdle](#) on Sat, 03 Sep 2011 11:59:46 GMT  
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Sam,

----- Original Message -----

> What is the output of the following commands when this container is  
> running:  
>  
> vzctl exec \${NUMBER} ls -l /dev

As previously stated, what you'd expect.

> vzctl exec \${NUMBER} ls -l /dev/pts

As previously stated, what you'd expect.

> vzctl exec \${NUMBER} mount

Not much... and no /dev/pts so that's the problem with the fix given in the next email response.

TYL,

--

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Subject: Re: Problem container  
Posted by [dowdle](#) on Sat, 03 Sep 2011 12:02:27 GMT  
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Einar,

----- Original Message -----

> Try the following command:

> vzctl exec CTID mount -t devpts none /dev/pts

That worked and I didn't have to add it to rc.local... as I discovered that /etc/fstab was missing. I promise I didn't delete /etc/fstab but I'm not the only person with root access to that container. :)

So, I copied an /etc/fstab from another container and restarted it and it works fine now.

Thanks,

--

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