Subject: Fedora 15 broken Unable to open pty: No such file or directory
Posted by [mperkel](#) on Tue, 24 May 2011 16:34:17 GMT
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Tried the usual things like deleting several startup file in /etc/init, deleted /sbin/udevd, etc.

This is somewhat frustrating in that every new release of Fedora has the same problem. It would be nice if there were some sort of fix it script to fix the pty problem.

When I run vzlist from the host there's only one process running in the ve.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by [steveh](#) on Wed, 25 May 2011 20:11:18 GMT
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Same thing here with Fedora 14.
Do not yum update the upstart package.
Only use the Fedora 14 template "as-is" until more information is available.
Good Luck,
Steve H.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by [mperkel](#) on Thu, 26 May 2011 14:40:04 GMT
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I need to use yum. That's how I update.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by [steveh](#) on Thu, 26 May 2011 14:52:58 GMT
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I also use yum to update inside containers.

A "yum update" inside a FC14 VE will update it including the "upstart" module and then you will have a broken container ;(

Unfortunately "upstart" is considered to be a dependency for a lot of other packages and it is difficult to exclude it from any sort of update or package installation.

I've switched back to using good old, static FC12 for now as the basis for the Asterisk VoIP containers I build and deploy. I will try SL6 to see if this bug is present there.

Cheers,
Steven H.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by mperkel on Thu, 26 May 2011 15:05:10 GMT
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I wonder if we could get the Fedora folks interested in making Fedora OpenVZ container aware/friendly?

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by steveh on Thu, 26 May 2011 15:11:31 GMT
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I've spoken with one of their policy makers and I doubt it.
They really like KVM. Even LXC doesn't get the attention it deserves.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by mperkel on Mon, 30 May 2011 16:46:20 GMT
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I have opened a Fedora 15 bug. Here is a link for anyone who is interested in following it. Maybe one of you can help the process along.

https://bugzilla.redhat.com/show_bug.cgi?id=708629

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by mperkel on Wed, 01 Jun 2011 05:37:46 GMT
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Unless they change it systemd now requires kernel 2.6.35 or greater.

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by Ales on Wed, 01 Jun 2011 10:34:45 GMT
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Hm. Perhaps OpenVZ team could add the needed functionality if we find out exactly what is it that

is missing from the kernel (if that really is the reason).

Perhaps you could add to the bug report that OpenVZ uses an additionally modified RHEL 6 kernel - that's not a stock 2.6.32. RHEL backports functionality too, not just bugfixes.

Apart from that - since Red Hat invests a lot of effort into KVM, they might not be that much interested in pushing OpenVZ (or lxc) compatibility changes into Fedora. But any community member could do it, as long as it's accepted by them...

Subject: Re: Fedora 15 broken Unable to open pty: No such file or directory
Posted by mperkel on Sat, 04 Jun 2011 14:51:56 GMT
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This is the feature that wants a 2.6.35 kernel for systemd. I copied it from a comment in the bugzilla I filed.

What's the kernel version? There is a known problem related to capabilities when running on kernel < 2.6.38. If it's that, try commenting out all "CapabilityBoundingSet=" lines in /etc/systemd/system/*