Subject: *SOLVED* /dev/pts support in VE
Posted by wilf on Fri, 06 Jul 2007 09:33:06 GMT
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Hello,

I am running...
door linux-2.6.18 # uname -a
Linux door 2.6.18-028stab035 #1 SMP Thu Jul 5 08:00:10 BST 2007 x86_64 AMD Opteron(tm)
Processor 848 AuthenticAMD GNU/Linux

I can see pts's in /dev:-door linux-2.6.18 # ls /dev/pts*
0 1
However, the same command in the VE returns nothing.

What do I have to do to have pts's in a VE?

Best Regards, Paul.

Subject: Re: /dev/pts support in VE
Posted by dev on Fri, 06 Jul 2007 09:42:52 GMT
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have you compiled kernel yourself?
what OS is used inside VE?

Subject: Re: /dev/pts support in VE
Posted by wilf on Fri, 06 Jul 2007 09:48:25 GMT
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Yup, Vanilla 2.6.18 patched with patch-ovz028stab035.1-combined.gz, using
kernel-2.6.18-x86_64-smp.config.ovz as .config, with a few changes to suit my devices.

As I said, base instance has pts's - Host os is Gentoo 2006.1, template is
gentoo-20060317-amd64-stage3.tar.gz.

Best Regards, Paul.

Subject: Re: /dev/pts support in VE
Posted by kir on Fri, 06 Jul 2007 10:07:31 GMT
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I guess you have to mount /dev/pts inside a VE, i.e. smth like

mount -t devpts devpts /dev/pts
OR if /dev/pts line is there in /etc/fstab just
mount /dev/pts

Probably stage3 doesn't do that for you

Subject: Re: /dev/pts support in VE
Posted by wilf on Fri, 06 Jul 2007 14:35:49 GMT
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Hi Kir,

Sorry for the delay, I have been distracted.

fstab doesn't even exist for the VE, which might explain it. Executing the mount command
gives...colo2 dev # mount -t devpts devpts /dev/pts
colo2 dev # ls /dev/pt*
/dev/ptmx /dev/ptyp0 /dev/ptyp1 /dev/ptyp2 /dev/ptyp3 /dev/ptyp4 /dev/ptyp5

/dev/pts:
colo2 dev #so it looks like the mount command works OK - there just aren't any pts's. Any (more)
ideas? - and thanks,

Best Regards, Paul.

Subject: Re: /dev/pts support in VE
Posted by kir on Fri, 06 Jul 2007 14:42:58 GMT
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I guess the problem is now solved -- you just need to make sure this mount executes somewhere
during the course of VE booting (i.e. in /sbin/rc sysinit or else). Maybe you need to put the
appropriate line in /etc/fstab for it to work.

As I know those /dev/pts/* entries are created dynamically -- ssh sessions and vzctl enter
creates/uses these in some cases. Try ssh-ing into VE or use vzctl enter and see if there are
some devices appearing.

Subject: Re: /dev/pts support in VE
Posted by wilf on Fri, 06 Jul 2007 19:57:50 GMT
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Thanks Kir,

For your support.

Have a great weekend.

Best Regards. Paul.