Subject: Unable to open pty: No such file or directory
Posted by JimL on Sun, 22 Jan 2012 10:43:54 GMT
View Forum Message <> Reply to Message

I've looked at a dozen or more responses to this error but I can't find a solution that works for me.

I upgraded my system from Centos 5.6 to 6.2. Now the centos 4.7 VEs that ran on 5.6 won't run and give the unable to open pty messages.

vzctl exec 225 ls /dev/pts  returns zero files.

vzctl exec 225 /sbin/MAKEDEV pty doesn't complain but doesn't create anything in /dev/pts

I also tried vzctl exec 225 /sbin/MAKEDEV tty

When I do an vzctl exec 225 ls -l /dev, I see

```
crw-rw-rw-  1 root tty    2, 176 Jan 22 04:56 ptya0
crw-rw-rw-  1 root tty    2, 177 Jan 22 04:56 ptya1
crw-rw-rw-  1 root tty    2, 178 Jan 22 04:56 ptya2
crw-rw-rw-  1 root tty    2, 179 Jan 22 04:56 ptya3
crw-rw-rw-  1 root tty    2, 180 Jan 22 04:56 ptya4
crw-rw-rw-  1 root tty    2, 181 Jan 22 04:56 ptya5
crw-rw-rw-  1 root tty    2, 182 Jan 22 04:56 ptya6
(not a complete list)
```

I also have a VE running Ubuntu 8.04 that starts and runs fine. Comparing the dev list of the two VE's doesn't show any differences with respect to the ptys or /dev/pts.

I also have another almost identical Centos 4 VE, 226 and it exhibits the same behavior.

uname -a
Linux centos 2.6.32-042stab044.17 #1 SMP Fri Jan 13 12:53:58 MSK 2012 x86_64 x86_64 x86_64 GNU/Linux

One thing to note is that this system was running a 32 bit kernel when the VEs were generated and now I'm running a 64 bit kernel.

I did a fresh install of a minimal centos 4 VE and it works fine.

Is there any way I can make these VEs work?

Thanks,
Jim.