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Subject: Unable to open pty  
Posted by [nakamine3](#) on Wed, 05 Dec 2007 02:25:58 GMT  
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Hi, I got same problem as the url below after I finished the command "yum group install "Development Tools".

<http://forum.openvz.org/index.php?t=msg&goto=8974&>

```
# vzctl enter 1200
enter into VE 1200 failed
Unable to open pty: No such file or directory
```

```
# uname -a
Linux example.jp 2.6.9-023stab044.4 #1 Mon May 28 23:00:20 MSD 2007 i686 athlon i386
GNU/Linux
```

Does anyone have a solution?

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Subject: Re: Unable to open pty  
Posted by [vaverin](#) on Thu, 06 Dec 2007 10:43:17 GMT  
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Could you please specify VE template?

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Subject: Re: Unable to open pty  
Posted by [nakamine3](#) on Fri, 07 Dec 2007 04:50:31 GMT  
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Thanks for reply.

os template is centos-4-i386-default.

If you need any other information, I can post it upon request.

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Subject: Re: Unable to open pty  
Posted by [vaverin](#) on Fri, 07 Dec 2007 07:05:36 GMT  
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"vzctl enter" fails because it cannot find device file. Centos 4 uses udev to create device files. If Your VE uses udev -- it should create this device file inside Your VE automatically, If your VE does not use udev -- it should have pre-dreated devices files inside /dev directory.

- Could You please check is udev started inside Your VE (ps ax | grep udev)?

- Could You please show the mounts inside Your VE (cat /proc/mounts)
- Could You please show existing device files inside Your VE (ls /dev -al)?

thank You,  
Vasily Averin

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Subject: Re: Unable to open pty  
Posted by [SoftDux](#) on Sat, 12 Apr 2008 09:32:08 GMT  
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Hi

I've setup a VE using the centos-5-i386-default template, configured the IP's & networking, entered the VE, setup cPanel (which took about 2 / 3 hours), configured the hosting, and setup the first hosting client. I then wanted to increase the disk space, but it didn't give me the added space. So I rebooted the VE, and got the same error.

Here's the output:

```
[root@gandalf ~]# vzctl enter 1001
enter into VE 1001 failed
Unable to open pty: No such file or directory
```

```
[root@gandalf ~]# vzctl exec 1001 ps ax|grep udev
5331 ?      S<s    0:00 /sbin/udev -d
```

```
[root@gandalf ~]# vzctl exec 1001 cat /proc/mounts
simfs / simfs rw 0 0
/proc /proc proc rw 0 0
/sys /sys sysfs rw 0 0
none /dev tmpfs rw 0 0
none /dev/pts devpts rw 0 0
simfs (deleted)\040/var/tmp simfs rw,nosuid,noexec 0 0
```

```
[root@gandalf ~]# vzctl exec 1001 ls /dev -al
total 8
drwxr-xr-x 7 root root 680 Apr 12 11:24 .
drwxr-xr-x 21 root root 4096 Apr 12 11:25 ..
drwxr-xr-x 2 root root 60 Apr 12 11:24 .udev
lrwxrwxrwx 1 root root 13 Apr 12 11:24 MAKEDEV -> /sbin/MAKEDEV
lrwxrwxrwx 1 root root 4 Apr 12 11:24 X0R -> null
crw----- 1 root root 5, 1 Apr 12 11:24 console
lrwxrwxrwx 1 root root 11 Apr 12 11:24 core -> /proc/kcore
lrwxrwxrwx 1 root root 13 Apr 12 11:24 fd -> /proc/self/fd
prw----- 1 root root 0 Apr 12 11:24 initctl
```

```

srw-rw-rw- 1 root root    0 Apr 12 11:24 log
brw-r----- 1 root disk  7, 0 Apr 12 11:24 loop0
brw-r----- 1 root disk  7, 1 Apr 12 11:24 loop1
brw-r----- 1 root disk  7, 2 Apr 12 11:24 loop2
brw-r----- 1 root disk  7, 3 Apr 12 11:24 loop3
brw-r----- 1 root disk  7, 4 Apr 12 11:24 loop4
brw-r----- 1 root disk  7, 5 Apr 12 11:24 loop5
brw-r----- 1 root disk  7, 6 Apr 12 11:24 loop6
brw-r----- 1 root disk  7, 7 Apr 12 11:24 loop7
drwxr-xr-x  2 root root   40 Apr 12 11:24 mapper
drwxr-xr-x  2 root root   60 Apr 12 11:24 net
crw-rw-rw-  1 root root   1, 3 Apr 12 11:24 null
crw-rw----  1 root lp    99, 0 Apr 12 11:24 parport0
crw-rw----  1 root lp    99, 1 Apr 12 11:24 parport1
crw-rw----  1 root lp    99, 2 Apr 12 11:24 parport2
crw-rw----  1 root lp    99, 3 Apr 12 11:24 parport3
crw-----  1 root root 108, 0 Apr 12 11:24 ppp
drwxr-xr-x  2 root root    0 Apr 12 11:24 pts
drwxr-xr-x  2 root root   40 Apr 12 11:24 shm
lrwxrwxrwx  1 root root   15 Apr 12 11:24 stderr -> /proc/self/fd/2
lrwxrwxrwx  1 root root   15 Apr 12 11:24 stdin  -> /proc/self/fd/0
lrwxrwxrwx  1 root root   15 Apr 12 11:24 stdout -> /proc/self/fd/1
crw-rw-rw-  1 root root   5, 0 Apr 12 11:24 tty
-rw-r--r--  1 root root  512 Apr 12 11:24 urandom
crw-rw-rw-  1 root root   1, 5 Apr 12 11:24 zero

```

What am I doing wrong?

Here's the /etc/vz/conf/1001.conf file

```

ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
KMEMSIZE="11055923:11377049"
LOCKEDPAGES="256:256"
PRIVVMPAGES="256000:262140"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSPAGES="0:2147483647"
VMGUARPAGES="131072:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"

```

```
NUMSIGINFO="256:256"  
TCPSNDBUF="1720320:2703360"  
TCPRCVBUF="1720320:2703360"  
OTHERSOCKBUF="1126080:2097152"  
DGRAMRCVBUF="262144:262144"  
NUMOTHERSOCK="360:360"  
DCACHESIZE="3409920:3624960"  
NUMFILE="9312:9312"  
AVNUMPROC="180:180"  
NUMIPTENT="128:128"
```

```
# Disk quota parameters (in form of softlimit:hardlimit)  
DISKSPACE="15728640:16777216"  
DISKINODES="600000:660000"  
QUOTATIME="0"
```

```
# CPU fair sheduler parameter  
CPUUNITS="1000"
```

```
VE_ROOT="/vz/root/$VEID"  
VE_PRIVATE="/vz/private/$VEID"  
OSTEMPLATE="centos-5-i386-default"  
ORIGIN_SAMPLE="vps.basic"  
HOSTNAME="vps03.softdux.com"  
IP_ADDRESS="xxx.xxx.xxx.xxx xxx.xxx.xxx.xxx xxx.xxx.xxx.xxx xxx.xxx.xxx"  
NAMESERVER="4.2.2.2"
```

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Subject: Re: Unable to open pty  
Posted by [mastersherin](#) on Fri, 16 May 2008 09:42:32 GMT  
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Hello,

Fix here : <http://www.sherin.in/index.php/2008/05/15/unable-to-open-pty>  
-no-such-file-or-directory/

Ty

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Subject: Re: Unable to open pty  
Posted by [ittec](#) on Wed, 01 Oct 2008 09:14:13 GMT  
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Hi

this problem seems to be very common. There are a lot of solutions on forum but i don't know which is better because i don't know if udev is really useful to my VPS.

Are you agree with this solution?

<http://forums.openitc.co.uk/index.php?topic=3.0>

Is bad to unable udev?

Thanks

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