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Subject: Re: OpenVZ and Gentoo (partly solved)  
Posted by [dev](#) on Thu, 05 Jan 2006 14:25:32 GMT

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> The network issue is partly solved: I do not use the gentoo net.lo script for  
> net.venet0 anymore, instead I setup the interfaces venet0 and venet0:0 with  
> the attached workaround-script.

>  
> But, how do I bind-mount directories from to host to the VPS, e.g. to  
> use /usr/portage in the VPD too. If I try to (on host)

>  
> gs ~ # mount /usr/portage /vz/private/2001/usr/portage/ -o bind,ro  
try /vz/root/2001/usr/portage after VPS is mounted.

> I get

>  
> ovz01 usr # ls  
> bin i386-pc-linux-gnu include lib libexec local portage sbin share  
> src tmp  
> ovz01 usr # ls portage  
> ovz01 usr #

>  
> on the VPS ovz01. Whats wrong?

>  
> - Wilhelm

>  
> Am Mittwoch, 4. Januar 2006 17:28 schrieb Wilhelm Meier:

>  
>>Am Mittwoch, 4. Januar 2006 09:51 schrieb Kirill Korotaev:

>>  
>>>so you run Gentoo inside VPS yeah?

>>  
>>Well, I try to ...

>>  
>>  
>>>the problem seems to be in your initscripts, which didn't mount /proc on  
>>>VPS start and didn't create /dev/ttyX entries for terminal devices.  
>>>Looks like the only process in your VPS is init, strange...

>>  
>>I created the needed /dev/tty0 and /dev/tty0 by hand  
>>in /vz/private/<id>/dev/ and mount also /proc by hand. Then it is possible  
>>to enter the gentoo-VPS:

>>  
>>gs ~ # vzctl enter 2001  
>>entered into VPS 2001

>>ovz01 / # ps aux

>>USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  
>>root 1 0.0 0.1 1368 480 ? Ss 17:06 0:00 ini



```
>> RX packets:3 errors:0 dropped:0 overruns:0 frame:0
>> TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
>> collisions:0 txqueuelen:0
>> RX bytes:252 (252.0 b) TX bytes:252 (252.0 b)
>>
>>venet0:0 Link encap:UNSPEC HWaddr
>>00-00-FF-FF-FF-FF-00-00-00-00-00-00-00-00-00-00
>> inet addr:192.168.39.22 P-t-P:192.168.39.22 Bcast:0.0.0.0
>>Mask:255.255.255.255
>> UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
>>
>>root@ovz02:/#
>>
>>>So the interface venet0:0 is missing in the gentoo-guest.
>>
>>
>>>>kir@ who is in charge of Gentoo will be available after Jan 7 only, but
>>>>I can check what's wrong with your VPS if you provide me the credentials
>>>>in private email.
>>>>
>>>>Kirill
>>>>
>>>>
>>>>>Hi,
>>>>>
>>>>>I want to use OpenVZ with Gentoo. I did the install of OpenVZ as
>>>>>described in
>>>>>
>>>>>http://dev.croup.de/proj/gentoo-vps/wiki
>>>>>
>>>>>When I try to enter, I get:
>>>>>
>>>>>gs ~ # vzctl start 2001
>>>>>Starting VPS ...
>>>>>VPS is mounted
>>>>>Setting CPU units: 1000
>>>>>VPS start in progress...
>>>>>gs ~ # vzctl status 2001
>>>>>VPSID 2001 exist mounted running
>>>>>gs ~ # vzctl enter 2001
>>>>>Unable to open pty: No such file or directory
>>>>>enter failed
>>>>>gs ~ #
>>>>>
>>>>>and
>>>>>
>>>>>gs ~ # vzctl exec 2001 ps aux
>>>>>Error, do this: mount -t proc proc /proc
```

```
>>>>gs ~ # vzctl exec 2001 mount -t proc none /proc
>>>>gs ~ # vzctl exec 2001 ps aux
>>>>USER      PID %CPU %MEM  VSZ  RSS TTY      STAT START  TIME
>>>>COMMAND root          1  0.0  0.1  1368  480 ?        Ss   00:30
>>>>0:00 ini root    22894  0.0  0.3  2372  832 ?        Rs   00:31
>>>>0:00 ps aux gs ~ #
>>>>
>>>>Any hints?
>>>>--
>>>>Wilhelm Meier
>>>>email: meier@informatik.fh-kl.de
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