
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 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/ptyX entries for terminal devices.
>>Looks like the only process in your VPS is init, strange...
>>
>>I created the needed /dev/ttyp0 and /dev/ttyp0 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

```

>>root 14644 0.0 0.3 1740 780 ? Ss 17:14 0:00 vzctl:
>>ttyp0 root 15669 0.5 0.5 2244 1288 ttyp0 Ss 17:14 0:00 bash
>>-i root 15671 0.0 0.3 2376 836 ttyp0 R+ 17:14 0:00 ps aux
>>ovz01 / #
>>
>>I also copied /etc/init.d/net.lo to the VPS and some additional scripts,
>>which are apparently missing.
>>But in the gentoo-VPS I get still:
>>
>>ovz01 / # /etc/init.d/net.venet0 start
>> * Starting
>> *      no interface module has been loaded
>>ovz01 / #
>>ovz01 / # /sbin/ifconfig -a
>>lo      Link encap:Local Loopback
>>      LOOPBACK MTU:16436 Metric:1
>>      RX packets:38 errors:0 dropped:0 overruns:0 frame:0
>>      TX packets:38 errors:0 dropped:0 overruns:0 carrier:0
>>      collisions:0 txqueuelen:0
>>      RX bytes:2660 (2.5 Kb) TX bytes:2660 (2.5 Kb)
>>
>>venet0  Link encap:UNSPEC HWaddr
>>00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
>>      BROADCAST POINTOPOINT NOARP MTU:1500 Metric:1
>>      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
>>      TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
>>      collisions:0 txqueuelen:0
>>      RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
>>
>>ovz01 / #
>>
>>If I try that with a debian-guest on the gentoo-host, I get:
>>
>>gs ~ # vzctl enter 2002
>>entered into VPS 2002
>>root@ovz02:/# ifconfig -a
>>lo      Link encap:Local Loopback
>>      LOOPBACK MTU:16436 Metric:1
>>      RX packets:38 errors:0 dropped:0 overruns:0 frame:0
>>      TX packets:38 errors:0 dropped:0 overruns:0 carrier:0
>>      collisions:0 txqueuelen:0
>>      RX bytes:2660 (2.5 KiB) TX bytes:2660 (2.5 KiB)
>>
>>venet0  Link encap:UNSPEC HWaddr
>>00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
>>      inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0
>>Mask:255.255.255.255
>>      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

```

```
>>      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-00-00-00-00-00-00-00-00-00-00-00
>>      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
```
