
Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by [dev](#) on Fri, 06 Jan 2006 17:58:29 GMT
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please, place your scripts in /etc/sysconfig/vz-scripts, not
/usr/lib/vzctl/scripts...

Kirill

```
>>yes. see scripts in /etc/sysconfig/vz-scripts
>
>
> I placed the two scripts (see below), but they aren't executed :-( The scripts
> should mount/umount the bind-mounts.
>
> gs scripts # ls -l /usr/lib/vzctl/scripts/
> total 32
> -rwxr-xr-x 1 root root 69 Jan 5 19:38 2001.mount
> -rwxr-xr-x 1 root root 47 Jan 5 19:39 2001.umount
> -rwxr-xr-x 1 root root 1522 Jan 4 01:05 vps-create
> -rwxr-xr-x 1 root root 4037 Jan 4 01:05 vps-functions
> -rwxr-xr-x 1 root root 1354 Jan 4 01:05 vps-net_add
> -rwxr-xr-x 1 root root 1127 Jan 4 01:05 vps-net_del
> -rwxr-xr-x 1 root root 2308 Jan 4 01:05 vps-postcreate
> -rwxr-xr-x 1 root root 785 Jan 4 01:05 vps-stop
> gs scripts # vzctl --verbose start 2001
> Unable to open /usr/lib/vzctl/modules/: No such file or directory
> Starting VPS ...
> Running: /usr/sbin/vzquota show 2001
> Running: /usr/sbin/vzquota on 2001 -r 0 -b 1048676 -B 1153534 -i 200100 -l
> 220100 -e 0 -n 0 -s 0
> Mounting root: /vz/root/2001 /vz/private/2001
> VPS is mounted
> Running: /usr/sbin/vzquota stat 2001 -f
> Running: vzquota setlimit 2001 -b 1048576 -B 1153434 -i 200000 -l 220000 -e 0
> -n 0
> Adding IP address(es): 192.168.39.21
> Running: /usr/lib/vzctl/scripts/vps-net_add
> Running VPS script: /etc/vz/dists/scripts/gentoo-add_ip.sh
> Setting CPU units: 1000
> Set hostname: ovz01
> Running VPS script: /etc/vz/dists/scripts/gentoo-set_hostname.sh
> VPS start in progress...
> gs scripts # mount
> /dev/hda1 on / type ext3 (rw,noatime)
> proc on /proc type proc (rw)
> sysfs on /sys type sysfs (rw)
> udev on /dev type tmpfs (rw,nosuid)
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> devpts on /dev/pts type devpts (rw)
> /dev/hdb1 on /tftpboot type ext3 (rw,noatime)
> shm on /dev/shm type tmpfs (rw,noexec,nosuid,nodev)
> 192.168.39.1:/home/lmeier on /root/lmeier type nfs (rw,addr=192.168.39.1)
> gs scripts #
>
>
>>>>Please note, on 2.6.8 kernel bind mount is still rw :(
>>>
>>>o.k.
>>>
>>>>Kirill
>>>>
>>>>
>>>>>Am Donnerstag, 5. Januar 2006 16:27 schrieb Kirill Korotaev:
>>>>>
>>>>>>can you give me an access? it will be much faster...
>>>>>>if so, send me a private mail with login please.
>>>>>
>>>>>Sorry, thats not possible ...
>>>>>
>>>>>
>>>>>>Kirill
>>>>>>
>>>>>>
>>>>>>>Am Donnerstag, 5. Januar 2006 15:25 schrieb Kirill Korotaev:
>>>>>>>
>>>>>>>>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.
>>>>>>>>
>>>>>>>>>does not solve the problem.
>>>>>>>>
>>>>>>>>>on host:
>>>>>>>>
>>>>>>>>>gs ~ # vzctl mount 2001
>>>>>>>>>VPS is mounted
>>>>>>>>>gs ~ # mount /usr/portage /vz/root/2001/usr/portage -o bind,ro
>>>>>>>>>gs ~ # mount
>>>>>>>>>/dev/hda1 on / type ext3 (rw,noatime)

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>>>>>>proc on /proc type proc (rw)
>>>>>>sysfs on /sys type sysfs (rw)
>>>>>>udev on /dev type tmpfs (rw,nosuid)
>>>>>>devpts on /dev/pts type devpts (rw)
>>>>>>/dev/hdb1 on /tftproot type ext3 (rw,noatime)
>>>>>>shm on /dev/shm type tmpfs (rw,noexec,nosuid,nodev)
>>>>>>192.168.39.1:/home/lmeier on /root/lmeier type nfs
>>>>>>(rw,addr=192.168.39.1) none on proc type proc (rw)
>>>>>>/usr/portage on /vz/root/2001/usr/portage type none (ro,bind)
>>>>>>gs ~ #
>>>>>>
>>>>>>in the VPS:
>>>>>>
>>>>>>ovz01 usr # ls
>>>>>>bin          include libexec portage  sbin  src
>>>>>>i386-pc-linux-gnu lib  local  portage.vps share tmp
>>>>>>ovz01 usr # ls -l portage
>>>>>>total 0
>>>>>>ovz01 usr #
>>>>>>
>>>>>>
>>>>>>>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

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>>>>>>>>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
>>>>>>>>    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

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>>>>>>>>> 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
>>>>>>>>> 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
>>>>>>>>> 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
```
