
Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by [wimalopaan](#) on Thu, 05 Jan 2006 16:25:57 GMT
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Am Donnerstag, 5. Januar 2006 17:15 schrieb Kirill Korotaev:

> found it!

> you need to start VPS and then do bind mount, since vzctl redo mounts on

> VPS start, so my 1st proposal for you was wrong. sorry :)

no problem. It tried it already, and now I get "permissin denied" if I try to
access the directory from inside the VPS.

> the best way you can do it actually is to insert your special mounts in

> VPS mount script which will be automatically run on VPS start.

This must be done on the host. Is there a possibility to execute scripts by
vzctl start?

> 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:

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> >>>
> >>>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)
> >>>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 /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) 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...

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> >>>>>
> >>>>>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 root    14644  0.0  0.3 1740  780 ?        Ss   17:14
> >>>>>0:00 vzctl: tty0 root    15669  0.5  0.5 2244 1288 tty0    Ss
> >>>>>17:14 0:00 bash -i root    15671  0.0  0.3 2376  836 tty0
> >>>>> 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

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

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> >>>>>>>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
--
--
Wilhelm Meier
email: meier@informatik.fh-kl.de
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