Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by dev on Thu, 05 Jan 2006 16:15:56 GMT
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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 :)
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.
Please note, on 2.6.8 kernel bind mount is still rw :(

Kirill

> Am Donnerstag, 5. Januar 2006 16:27 schrieb Kirill Korotaev:
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>>>>>>COMMAND root   1 0.0 0.1   1368 480 ?   Ss   17:06
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>>>>>>ovz01 / # /sbin/ifconfig -a
>>>>>>lo   Link encap:Local Loopback
>>>>>>   LOOPBACK MTU:16436 Metric:1
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>>>>>>   BROADCAST POINTOPOINT NOARP MTU:1500 Metric:1
>>>>>>   RX packets:0 errors:0 dropped:0 overruns:0 frame:0
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>>>>>>   inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0
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>>>>>>>>Any hints?
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>>>>>>>>Wilhelm Meier
>>>>>>>>email: meier@informatik.fh-kl.de

Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by wimalopaan on Thu, 05 Jan 2006 16:25:57 GMT

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This must be done on the host. Is there a possibility to execute scripts by
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Posted by dev on Thu, 05 Jan 2006 16:31:48 GMT
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> no problem. It tried it already, and now I get "permissin denied" if I try to
> access the directory from inside the VPS.
huh... what file permisions do you have in /usr/portage?
please, note, that UIDs can be different in VPS and host system.
Also please check cat /proc/sys/fs/ve-area-access-check
if it is non-zero value, then echo 0 to it.
This check makes sure that your VPS has no access to trusted data or
host system don't access to untrusted one. Just disable it as we did in
recent kernel by default.

>>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.
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> This must be done on the host. Is there a possibility to execute scripts by
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>>>>>>>>        RX packets:38 errors:0 dropped:0 overruns:0 frame: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

Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by wimalopaan on Thu, 05 Jan 2006 17:08:03 GMT
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Am Donnerstag, 5. Januar 2006 17:31 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.
>
> huh... what file permisions do you have in /usr/portage?
> please, note, that UIDs can be different in VPS and host system.
> Also please check cat /proc/sys/fs/ve-area-access-check
> if it is non-zero value, then echo 0 to it.

o.k., that's it !!! thanks

> This check makes sure that your VPS has no access to trusted data or
> host system don't access to untrusted one. Just disable it as we did in
> recent kernel by default.
>
> >>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?
>
> 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 -I
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 -I 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)
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)
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)
> >>>>>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
> >>>>>>>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
> >>>>>>>>   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
--
--
Wilhelm Meier
email: meier@informatik.fh-kl.de

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 -I
> 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 -I 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)
> 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)
> gs scripts #
>
>
>>>>Please note, on 2.6.8 kernel bind mount is still rw :(
>>>
>>>o.k.
>>>
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>>>>Kirill
>>>>
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>>>>>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
>>>>>>
>>>>>>

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>>>>>>>
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>>>>>>>>
>>>>>>>>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)
>>>>>>>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
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>>>>>>>>>>>init, strange...
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>>>>>>>>>>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
>>>>>>>>>>   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
>>>>>>>>>>   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

Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by wimalopaan on Mon, 09 Jan 2006 13:49:31 GMT
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neither true!

With a Gentoo-Host you must place the scripts in /etc/vz, where the config-file are. Now it works.

Subject: Re: Re: OpenVZ and Gentoo (partly solved)
Posted by dev on Mon, 09 Jan 2006 14:20:14 GMT
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> neither true!
>
> With a Gentoo-Host you must place the scripts in /etc/vz, where the config-file are. Now it works.
oh, sorry... I didn't know that gentoo differs even in this :)
thanks a lot! I will ask kir@ to refine gentoo FAQ

Kirill

Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by RapidVPS on Tue, 31 Jan 2006 03:12:00 GMT
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Has anyone gotten Gentoo to work as a VPS (not the hardware node). At the end of this thread, did the poster say that they got it to work? I am having the same problem as described..

[root@uranus 5554]# vzctl --verbose start 5554
Unable to open /usr/lib/vzctl/modules/: No such file or directory
Starting VPS ...
Running: /usr/sbin/vzquota show 5554
Running: /usr/sbin/vzquota on 5554 -r 0 -b 22117297 -B 23234494 -i 10563969 -I 10920356 -e 259200 -n 259200 -s 0
Mounting root: /vz/root/5554 /vz/private/5554
VPS is mounted
Running: /usr/sbin/vzquota stat 5554 -f
Running: vzquota setlimit 5554 -b 22117197 -B 23234394 -i 10563869 -I 10920256
Adding IP address(es): 204.9.190.196
Running: /usr/lib/vzctl/scripts/vps-net_add
arpsend: 204.9.190.196 is detected on another computer : 00:30:48:72:cd:ee
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 204.9.190.196 eth0 FAILED
Running VPS script: /etc/sysconfig/vz-scripts/dists/scripts/gentoo-add_ip.sh
Setting CPU limit: 75
Setting CPU units: 14516
Set hostname: gentoo.com
Running VPS script: /etc/sysconfig/vz-scripts/dists/scripts/gentoo-set_hostname. sh
VPS start in progress...
[root@uranus 5554]# vzlist | grep 5554
     5554   1 running 204.9.190.196   gentoo.com

```
[root@uranus 5554]# vzctl exec 5554 mount -t proc none /proc
[root@uranus 5554]# vzctl exec 5554 ps axf
  PID TTY     STAT   TIME COMMAND
    1 ?       Ss     0:00 ini
 9158 ?       Rs     0:00 ps axf
[root@uranus 5554]# vzctl enter 5554
enter failed
[root@uranus 5554]# vzctl --verbose stop 5554
Unable to open /usr/lib/vzctl/modules/: No such file or directory
Stopping VPS ...
VPS was stopped
Running: /usr/lib/vzctl/scripts/vps-net_del
Running: /usr/sbin/vzquota stat 5554 -f
Running: /usr/sbin/vzquota off 5554
VPS is unmounted
Running: /usr/lib/vzctl/scripts/vps-stop
[root@uranus 5554]#
```

Any ideas?

Subject: Re: OpenVZ and Gentoo (partly solved)
Posted by dev on Tue, 31 Jan 2006 08:08:55 GMT
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Yes, some people successfully run Gentoo in VPS.
Though there is no precached template still for it (I'll ask Kir for it). Have you been following FAQ on Gentoo VPS or how did you create it?