Subject: Access Cdrom, reboot and other questions
Posted by Romeo Theriault on Fri, 15 Dec 2006 20:46:23 GMT

Hi, I have a program which needs to access a cdrom. What is the best way to access a cdrom via a vps?

On another note, I noticed that from within a vps if I send the command "reboot", the vps goes down but does not come back up. I need to start it from the HN. It seems to me that this worked for me a few days ago. But I recently upgraded to the recently released stable kernel. Is this a possible cause?

Also, is it recommended to shutdown all of the vps's before doing a reboot on the HN? I did a reboot today on the HN after installing the new kernel and got to thinking I probably should have stopped the vps's first. Is this true?

Thanks for any insight in these matters.

Romeo

Subject: Re: Access Cdrom, reboot and other questions
Posted by Romeo Theriault on Fri, 15 Dec 2006 23:34:34 GMT

Ok, I searched the forums better and found the answer to the vps not rebooting. I guess I just have to be a little more patient. The vps does indeed reboot it just takes it a little longer that I was expecting because it's waiting for a cron job.

On 12/15/06 3:46 PM, "Romeo Theriault" <romeotheriault@fastmail.fm> wrote:

> Hi, I have a program which needs to access a cdrom. What is the best way to
> access a cdrom via a vps?
>
> On another note, I noticed that from within a vps if I send the command
> "reboot", the vps goes down but does not come back up. I need to start it
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> recently upgraded to the recently released stable kernel. Is this a possible
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> Also, is it recommended to shutdown all of the vps's before doing a reboot
> on the HN? I did a reboot today on the HN after installing the new kernel
> and got to thinking I probably should have stopped the vps's first. Is this
> true?

>
> Thanks for any insight in these matters.
>
> Romeo
>
>

Subject: Re: Access Cdrom, reboot and other questions
Posted by dev on Mon, 18 Dec 2006 09:17:04 GMT

Romeo Theriault wrote:
> Hi, I have a program which needs to access a cdrom. What is the best way to
> access a cdrom via a vps?
vzctl set --devices
or mount cdrom from host system and then bindmount to /vz/root/<VEID>/mnt/cdrom

> On another note, I noticed that from within a vps if I send the command
> "reboot", the vps goes down but does not come back up. I need to start it
> from the HN. It seems to me that this worked for me a few days ago. But I
> recently upgraded to the recently released stable kernel. Is this a possible
> cause?
check cron jobs on your host. cron job should check
rebooted VEs every minute and start them back.
Probably you have not waited for a minute :)

> Also, is it recommended to shutdown all of the vps's before doing a reboot
> on the HN? I did a reboot today on the HN after installing the new kernel
> and got to thinking I probably should have stopped the vps's first. Is this
> true?
`service vz stop` does stop VEs first. So if you did a gracefull node reboot
VEs should have stopped automatically (service vz is stopped on node shutdown).
Sure, apps should be stopped first for gracefull applications shutdown.
Otherwise some applications can be disappointed by broken/not-closed data files.

> Thanks for any insight in these matters.
You are welcome!

Thanks,
Kirill

Subject: Re: Access Cdrom, reboot and other questions
Posted by Romeo Theriault on Mon, 18 Dec 2006 17:21:53 GMT

Thank you for your response. It is true I was not waiting long enough for the reboots to actually happen, though upon looking at the cron file, it is set to check every 5 minutes. Not a big deal, I can change it if I need to.

Though with the cdrom part of the question, upon your suggestion I set my vps to access the cdrom like this:

vzctl set 104 --devices b:3:0:r --save

I found the 3 and 0 from doing a ls -l /dev/hda

So then I ssh'ed into vps 104 and tried mounting the cd with this:
mount /dev/hda /mnt/cdrom/

but I tells me I must specify the fs type, so I do:
mount -t iso9660 /dev/hda /mnt/cdrom/

And it tells me that iso9660 is not supported by the kernel. But I can mount the cd just fine on the HW node without specifying a fs type.

Also, when you say "bindmount" do you mean just mount the cd under the vps's dir's, like this:

mount /dev/had /vz/root/104/mnt/cdrom

Or does bindmount mean something else?

Am I missing something with the vzctl command?

Thanks again

Romeo

On 12/18/06 4:24 AM, "Kirill Korotaev" <dev@sw.ru> wrote:

> Romeo Theriault wrote:
>> Hi, I have a program which needs to access a cdrom. What is the best way to
>> access a cdrom via a vps?
> # vzctl set --devices
> or mount cdrom from host system and then bindmount to
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>> On another note, I noticed that from within a vps if I send the command
>> "reboot", the vps goes down but does not come back up. I need to start it
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>> cause?

> check cron jobs on your host. cron job should check
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> shutdown).
> Sure, apps should be stopped first for gracefull applications shutdown.
> Otherwise some applications can be disappointed by broken/not-closed data
> files.
>
>> Thanks for any insight in these matters.
> You are welcome!
>
> Thanks,
> Kirill

Subject: Re: Access Cdrom, reboot and other questions
Posted by dev on Mon, 18 Dec 2006 17:33:28 GMT

Romeo Theriault,

> Thank you for your response. It is true I was not waiting long enough for
> the reboots to actually happen, though upon looking at the cron file, it is
> set to check every 5 minutes. Not a big deal, I can change it if I need to.
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> Though with the cdrom part of the question, upon your suggestion I set my
> vps to access the cdrom like this:
>
> vzctl set 104 --devices b:3:0:r --save
>
> I found the 3 and 0 from doing a ls -l /dev/hda
>
> So then I ssh'ed into vps 104 and tried mounting the cd with this:
> mount /dev/hda /mnt/cdrom/
>
> but I tells me I must specify the fs type, so I do:
> mount -t iso9660 /dev/hda /mnt/cdrom/
>
> And it tells me that iso9660 is not supported by the kernel. But I can mount
> the cd just fine on the HW node without specifying a fs type.
Oh, you are right. isofs is disabled by default in VE, since

it is a potential security risk.
You can apply the following patch to enable it:
 http://download.openvz.org/contrib/kernel-patches/isofs.patc h

> Also, when you say "bindmount" do you mean just mount the cd under the vps's
> dir's, like this:
>
> mount /dev/had /vz/root/104/mnt/cdrom

> Or does bindmount mean something else?
you can do the above, thougho I actually meant:
mount /dev/hda /mnt/cdrom
mount --bind /mnt/cdrom /vz/root/104/mnt/cdrom

> Am I missing something with the vzctl command?
No :)

Kirill

Subject: Re: Access Cdrom, reboot and other questions
Posted by Romeo Theriault on Tue, 02 Jan 2007 15:29:30 GMT
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Hi, thanks for the isofs patch. I applied it to the srpm kernel and
recompiled the kernel. The compile went fine and the kernel installs fine
but I get the same error in a ve when I try to mount the cd.

I have attached the patch file that I used as well as the kernel-ovz.spec
file that I modified to recompile the kernel with the isofs.patch. The
isofs.patch file was placed directly in the SOURCES directory. Would someone
be able to look at what I did to see if I made a mistake or is there a
problem with the patch?

Thank you,

Romeo

On 12/18/06 12:40 PM, "Kirill Korotaev" <dev@sw.ru> wrote:

> Romeo Theriault,
>
>> Thank you for your response. It is true I was not waiting long enough for
>> the reboots to actually happen, though upon looking at the cron file, it is
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>
>> Am I missing something with the vzctl command?
> No :)
>
> Kirill

File Attachments
1) isofs.patch, downloaded 478 times
2) kernel-ovz.spec, downloaded 498 times

Subject: Re: Access Cdrom, reboot and other questions
Posted by dev on Wed, 03 Jan 2007 11:52:09 GMT
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Romeo,

1. please always report the exact messages you face.
2. check that iso9660 is available both in VE and in the host
with the command:

cat /proc/filesystems
most likely you didn't load the module isofs:
modprobe isofs

Thanks,
Kirill

> Hi, thanks for the isofs patch. I applied it to the srpm kernel and
> recompiled the kernel. The compile went fine and the kernel installs fine
> but I get the same error in a ve when I try to mount the cd.
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> problem with the patch?
>
> Thank you,
>
> Romeo
>
>
> On 12/18/06 12:40 PM, "Kirill Korotaev" <dev@sw.ru> wrote:
>
>
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>>
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\>\># mount --bind /mnt/cdrom /vz/root/104/mnt/cdrom

\>\>

\>\>

\>\>\>Am I missing something with the vzctl command?

\>\>

\>\>No :)

\>\>

\>\>Kirill

\> -- ------------

\>