Subject: *SOLVED* how to create a mount script
Posted by KyleC on Tue, 05 Feb 2008 03:57:36 GMT
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Alright, ive read the PDF but it doesnt go into detail how to make a mount script... do i just create 300.mount in /etc/vz/conf and put
mount --bind /vz/private/200/home/xxx /vz2/private/root/300/home/xxx

and it will run that script on boot? if thats the case please let me know or if not let me know how i can have it mount /vz/private/200/home/xxx to /vz2/private/root/300/home/xxx

Subject: Re: how to create a mount script
Posted by piavlo on Tue, 05 Feb 2008 12:07:14 GMT
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you can have per VE mount/umount scripts /etc/vz/conf/${VEID}.{mount|umount}
or mount/umount scripts which all VEs will run /etc/vz/conf/vps.{mount|umount}
In case of no-zero exit code of mount script the VE won't be started

 You would probably want to move /vz/private/200/home/xxx
to /vz/home/xxx (or somewhere else and bind mount it both from
/vz/root/200/home/xxx /vz/root/300/home/xxx
mount --bind /vz/home/xxx /vz/root/200/home/xxx
mount --bind /vz/home/xxx /vz/root/300/home/xxx

 In case you don't want the umount scripts then bind mount with -n
option
mount -n --bind /vz/home/xxx /vz/root/200/home/xxx
mount -n --bind /vz/home/xxx /vz/root/300/home/xxx

Subject: Re: how to create a mount script
Posted by jonwatson on Wed, 06 Feb 2008 17:05:38 GMT
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Hello,

I am attempting to do a bind mount on my test VE 1040. For testing purposes, I just want to mount /home/jdw on the host node into /home in VE 1040. I know this isn't a proper setup, but I'm just trying to get the format of the mount script correct.

It seems to me that all I would have to put into /etc/sysconfig/vz-script/1040.mount is:

mount -n --bind /home/jdw /vz/private/1040/home

however, when I attempt to start VE 1040 with this mount script in place I get the following error:

Starting VE ...
Error exec /etc/vz/conf/1040.mount: Exec format error
Error executing mount script /etc/vz/conf/1040.mount

The mount -n --bind /home/jdw /vz/private/1040/home works on the host node at the command line so the format appears to be correct. I have also tried mounting to the VZ root instead of private area as I am not clear where I should be mounting to.

The HN is openvz 2.6.18-53.1.4.el5.028stab053.4 and VE 1040 was built with the centos-4-i386-default template.

Any ideas what I'm doing wrong?

Thanks

Jon

Subject: Re: how to create a mount script
Posted by HubertD on Wed, 06 Feb 2008 19:02:01 GMT
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Hi Jon,

2 things:

a) I believe that you shouldn't do the bind mounts to /vz/private/.../ but to /vz/root/.../ (could someone please confirm this?)

b) does your mount script only contain the one line with the mount command? If so, try to make it look that way:

#!/bin/sh
mount -n --bind /home/jdw /vz/root/1040/home

and be sure to set the executable flag for the script:
chmod +x /etc/sysconfig/vz-script/1040.mount

I'm not an openvz expert but that's the way it works for me

greetings,

Hubert

Subject: Re: how to create a mount script
Posted by KyleC on Thu, 07 Feb 2008 00:52:02 GMT
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worked for me, thanks guys!

Subject: Re: how to create a mount script
Posted by jonwatson on Thu, 07 Feb 2008 13:39:59 GMT
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Aha. I was missing the shebang because sh is in my path. Apparently it needs to be specified for the mount script to work.

Thanks!

Jon

Subject: Re: how to create a mount script
Posted by ArsDangor on Wed, 07 May 2008 19:08:35 GMT
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Hi.

I'm trying what you suggest here, but I don't make it to work.

My mount script:#!/bin/bash
mount --bind '/vz/mounts/gridlog/psql' /vz/root/3000'/var/lib/pgsql'

All directories exist:$ ls -lhd /vz/mounts/gridlog/psql /vz/root/var/lib/pgsql

drwxr-x--- 2 root root 4.0K May 7 19:40 /vz/mounts/gridlog/psql/
drwxr-x--- 2 root root 4.0K May 7 20:45 /vz/root/3000/var/lib/pgsql/

But I get the following error if I try to start VE 3000:Quote:Starting VE ...
mount: mount point /vz/root/3000/var/lib/pgsql does not existIt doesn't work if I replace /vz/root with /vz/private, or I change the permissions or I add '-n' to the mount invocation.

I'm using vzctl-3.0.22-1 . Any ideas?

Thanks a lot.

Subject: Re: how to create a mount script
Posted by piavlo on Wed, 07 May 2008 20:58:13 GMT

/vz/root/3000/ get mounted from /vz/private/3000/
then VE startsup, so you need to create
/vz/private/3000/var/lib/pgsql/ instead

so make shure /vz/private/3000/var/lib/pgsql dir exists prior to starting 3000 VE