Subject: smbfs/ cifs inside VE
Posted by Monarch on Mon, 07 Aug 2006 20:49:50 GMT

maybe I didn't look hard enough but I was unable to find any information why openVZ denies to mount a smbfs-share inside a VE.

I managed to setup the VE and even networking seems to work perfectly. I can ping, I can do name-resolving, but everytime I try to mount a smbfs inside the VE, I get:

dev128:~# mount -t cifs //192.168.1.30/test /mnt
Password:
mount error: cifs filesystem not supported by the system
Refer to the mount.cifs(8) manual page (e.g.man mount.cifs)

Note: the command works perfectly on the Hardwarenode (host-system)

My question is: is the errormessage correct? I am used to get false or misleading errormessages from smbfs/ cifs......

Subject: Re: smbfs/ cifs inside VE
Posted by Vasily Tarasov on Tue, 08 Aug 2006 05:29:37 GMT

smbfs/cifs isn't virtualized now,
you can't use it inside VE.
All available in VE filesystems resides in /proc/filestystems
file inside VE.

You can do the following to make smb shares available in VE:

On HOST (!):
mount -t cifs //192.168.1.30/test /mn
mount --bind /mn /vz/root/101/mn

After that you can see contents of //192.168.1.30/test
inside VE in /mn directory.
You can automate this process using 101.mount and 101.umount
scripts in conf directory of OpenVZ.

HTH,
vass.

Subject: Re: smbfs/ cifs inside VE
Posted by Monarch on Tue, 08 Aug 2006 07:46:44 GMT
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Thanks for the quick response and hint...

Subject: Re: smbfs/ cifs inside VE
Posted by dionstarfire on Wed, 29 Nov 2006 17:04:41 GMT
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I have tried what you suggested but when I enter my VE the "bind" mount points still do not show content but the hardware host does have the mount information.

Subject: Re: smbfs/ cifs inside VE
Posted by Vasily Tarasov on Thu, 30 Nov 2006 06:53:25 GMT
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Can you, please, provide more information. Actually we need all actions you do: every command you type in bash and every answer you recieve after it.

Thanks!

Subject: Re: smbfs/ cifs inside VE
Posted by jpastore on Fri, 20 Jul 2007 15:01:42 GMT
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I was able to follow the instructions successfully. I can't seem to locate the mount/umount files in the conf directory (not entirely familiar with the file system layout) Can you please point me in the right direction?

I realize that 101.mount probably refers to [ve number].mount

On the host I did a umount for share that I did the mount --bind and was still able to access the files in the VE. I had to umount the directory in the VE from the host as well.

Another related question I have is (which may be off topic):

I wrote a quick bash script to backup some stuff to an external HDD. This drive may be off or not plugged in. Is there a way to test if the mount was successful before continuing? I guess I could just touch a file on the external HDD and test for that when running the backup. I was just looking for a more elegant and definitive solution.

Thanks!

Hello,

if you use vzctl from RPM, <veid>.mount and <veid>.umount files reside in /etc/vz/conf/ directory. BTW, <veid>.umount scripts are not very necessary: everything will be umounted automatically on VE stop. But you should mount with -n option in mount sctipt then...

HTH,
Vasily