Subject: share tmpfs volume between VEs
Posted by consultorpc on Thu, 27 May 2010 21:53:51 GMT
View Forum Message <> Reply to Message

Hi, is it possible in openvz to share a tmpfs volume created on host between VEs ? TIA.

Subject: Re: share tmpfs volume between VEs
Posted by maratrus on Fri, 28 May 2010 12:40:50 GMT
View Forum Message <> Reply to Message

You can use bind mounts i.e.

mount --bind PATH_TO_DIRECTORY_ON_THE_HN /vz/root/$VEID/PATH_INSIDE_VE

Subject: Re: share tmpfs volume between VEs
Posted by consultorpc on Fri, 28 May 2010 21:35:15 GMT
View Forum Message <> Reply to Message

I did that but it doesn't work at all, althought is seems to be well mounted if I write on that dir inside the VE it can't be read on HN. If I umount it then the file is there, so in reality the VE was writing to harddisk, no to tempfs.

Did you tried this ?

Subject: Re: share tmpfs volume between VEs
Posted by maratrus on Sat, 29 May 2010 07:06:58 GMT
View Forum Message <> Reply to Message

Hi,

could you provide all steps that were done
(from mounting tmpfs on the HN) so that it
is possible to reproduce your problem?

Subject: Re: share tmpfs volume between VEs
Posted by consultorpc on Mon, 31 May 2010 17:03:10 GMT
View Forum Message <> Reply to Message

I'm running these commands on HN:

mount -t tmpfs -o nodev,noexec,nosuid -osize=1024M tmpfs /test/
mount --bind /test/ /var/lib/vz/private/100/test/

Them, if i access VE and create a file at /test/, i won't be able to see it on HN.

Example:

vzctl enter 100
entered into CT 100
[root@mta /]# cd /test/
[root@mta test]# touch test
[root@mta test]# ls -lh
total 0
-rw-r--r-- 1 root root 0 May 31 19:00 test
[root@mta test]# exit
logout

[root@vz test]# cd /test/
[root@vz test]# ls -lh
total 0

Subject: Re: share tmpfs volume between VEs
Posted by maratrus on Wed, 02 Jun 2010 13:14:06 GMT
View Forum Message <> Reply to Message

Dear Consultorpc,

please feel a difference between the command I have suggested you issuing and the command you have issued.
I suggested you that you should do bind mount to /vz/root directory not /vz/private!

Subject: Re: share tmpfs volume between VEs
Posted by consultorpc on Thu, 03 Jun 2010 18:42:50 GMT
View Forum Message <> Reply to Message

Sorry, I posted private but our first tests were done using root. We do use it only for test purposes, but the same result.

Subject: Re: share tmpfs volume between VEs
Posted by consultorpc on Tue, 08 Jun 2010 19:08:05 GMT

View Forum Message <> Reply to Message

Anyone has success with this ?

Subject: Re: share tmpfs volume between VEs
Posted by situationalawareness on Tue, 08 Jun 2010 22:42:08 GMT
View Forum Message <> Reply to Message

I figure since I read this I'd say simply that it works.

A simple tmpfs creation of /test and a bind mounting to the vz/root/VEID/test (made by hand before) will do it.