Subject: Mounting host directory inside container
Posted by nebbian on Thu, 17 Nov 2016 02:56:44 GMT
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I'm looking for information on how to mount a directory that is visible to the host (/backup/openvz/vmbackup/) into a container (/backup/), so that the container can read/write to that directory.

I've previously deployed several OpenVZ 6 hosts, each with an OpenVZ container in it, and the way that always worked back then was to create a .mount file for the container, eg:

nano /etc/vz/conf/100.mount

```
#!/bin/bash
. /etc/vz/vz.conf
. ${VE_CONFFILE}
SRC=/backup/openvz/vmbackup
DST=/backup
if [ ! -e ${VE_ROOT}${DST} ]; then mkdir -p ${VE_ROOT}${DST}; fi
mount -o noatime -n -t simfs ${SRC} ${VE_ROOT}${DST} -o ${SRC}
```

Now in OpenVZ 7, I can't find a way to do this reliably. The documentation doesn't see fit to mention how to do this (at least that I could find, and I've looked at all the PDFs in the documentation).

The only way that sort of works (but doesn't persist across reboots) is to use the following:
mount --bind /backup/openvz/vmbackup/
/vz/root/c507428f-75d1-4ba6-b0ae-15424855b765/backup/

However this doesn't persist across reboots, so it's not a good solution. I've tried adding several variants of the following line to /etc/fstab on the host:
/backup/openvz/vmbackup/ /vz/root/c507428f-75d1-4ba6-b0ae-15424855b765/backup/
none bind 0 0

however this doesn't seem to work when I do a mount -a, so won't work across reboots.

How are you supposed to mount a host directory inside a container?

Thanks for any ideas.

Subject: Re: Mounting host directory inside container
Posted by nebbian on Thu, 17 Nov 2016 03:47:33 GMT
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Hmmm it seems that the scripts are now located in:

/vz/private/{UUID}/scripts

You can create the following scripts:
mount
umount
start
stop

Note that start and stop run in the container context, while mount and umount run in the host context.

More info is here:
http://download.swsoft.com/virtuozzo/virtuozzo4.0/docs/en/li n/VzLinuxReference/367.htm

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Subject: Re: Mounting host directory inside container
Posted by dim on Thu, 17 Nov 2016 16:23:20 GMT
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You are right, you need to move your script to /vz/private/{UUID}/scripts/.

See also http://docs.virtuozzo.com/virtuozzo_7_command_line_reference /managing-containers/prlctlct.html#action-scripts

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