
Subject: NFS in VE == hang?

Posted by [fatbrother](#) on Thu, 02 Oct 2008 17:23:26 GMT

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I'm trying to use NFS in the VE.

I have 2.6.18-12-fza-amd64 #1 SMP Sun May 18 09:57:08 UTC 2008 x86_64 kernel on Debian Etch and vzctl version 3.0.22-1dso1.

Inside of the VE I have CentOS 5.2 environment made from contributed template http://download.openvz.org/template/precreated/contrib/centos-5-x86_64-default.tar.gz with latest updates installed by yum update.

I used `vzctl set VE --feature nfs:on --save` and got NFS in the list of available filesystems in VE.

NFS server is Linux 2.4 with export options (rw,root_squash). It has lockd running. (May be old NFS server is part of the issue? But Solaris 10 and 11 clients work fine with this server under rather serious load, including clients in Solaris zones)

I tried to mount /home directory by running

```
VE# mount -t nfs server:/home /home
```

It mounts and I can do `ls -l /home` and change directories in /home.

Then I'm trying to log as NIS user with ~ directory in /home. It also seems to work, but as I log out, session hangs. I could see sshd and bash processes running in VE, I was able to kill them, but was unable to `umount /home` (it said device busy).

In HN /var/log/messages there was a line

```
[time] [HN hostname] kernel: nfs: server server not responding, still trying
```

`nfsstat` on HN shows 106 retrans, but number of retrans does not seem to grow.

First time I "solved" it by restarting VM.

Then I remounted share with

```
VE# mount -t nfs server:/home /home -o rw,vers=3,intr
```

It hang again, and this time I could not kill hung processes and could not stop VM. Now I cannot `vzctl stop VE` nor `vzctl enter VE`, and I probably will need to restart HN (currently there are no other VE on it).

Anybody has any idea?
