
Subject: Cannot make nfs server inside CT
Posted by [Andrei](#) on Wed, 07 Oct 2015 12:20:10 GMT
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Hello

I have a HN with some CTs and need to do a nfs server in one of them. I have followed the wiki, all modules/settings are made however cannot start the nfs inside the CT.

On HN I have the nfs and nfsd modules loaded.

lsmod | grep nfs

```
pio_nfs          19011  0
ploop           118719  14 pio_kaio,pio_nfs,pio_direct,pfmt_raw,pfmt_ploop1
nfs              445290  6 pio_nfs,vzrst,vzcpt
fscache          55676  1 nfs
nfsd             313774  1
lockd            76070  3 vzrst,nfs,nfsd
nfs_acl          2655  2 nfs,nfsd
auth_rpcgss      46084  2 nfs,nfsd
sunrpc           271776  10 pio_nfs,nfs,nfsd,lockd,nfs_acl,auth_rpcgss
```

When I start the nfs service inside a CT I get, but as you can see the modules already laded in the HN.

Starting NFS daemon: rpc.nfsd: Unable to access /proc/fs/nfsd errno 2 (No such file or directory). Please try, as root, 'mount -t nfsd nfsd /proc/fs/nfsd' and then restart rpc.nfsd to correct the problem

The HN and CTs are running centos 6.7 (HN -64bit, CTs 32bit) with latest updates, with kernel Linux 2.6.32-042stab111.12.

Nor sure why the nfsd is not seen inside the CT, what should I check?

Thanks!

Subject: Re: Cannot make nfs server inside CT
Posted by [curx](#) on Wed, 07 Oct 2015 15:28:36 GMT
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have you restarted your nfsd container after loaded the kernel modules in your hn for nfsd?

Subject: Re: Cannot make nfs server inside CT
Posted by [Andrei](#) on Wed, 07 Oct 2015 15:36:47 GMT
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Yes, I have restarted several times, same message that the nfsd is not loaded. The nfs and nfsd modules are set to autload at boot time for the HN - added the modprobe nfsd and modprobe nfs to /etc/rc.modules. Also, added to load in to rc.local, same issue.

vzctl version 4.9.4 is used on the HN.

LE

Not sure why nfs4 is used, I have set MOUNTD_NFS_V3="yes" RPCNFSDARGS="-N 4" and NFSD_MODULE="noload" in /etc/sysconfig/nfs inside the CT. Why is loading the v4?

```
vzctl exec 104 cat /proc/filesystems
```

```
nodev cgroup
nodev devpts
nodev mqueue
    ext4
nodev nfs
nodev nfs4
    ext3
nodev delayfs
nodev devtmpfs
nodev sysfs
nodev proc
nodev tmpfs
nodev binfmt_misc
nodev rpc_pipefs
```

Subject: Re: Cannot make nfs server inside CT
Posted by [Andrei](#) on Wed, 07 Oct 2015 18:38:41 GMT
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Installed also the testing kernel 2.6.32-042stab112.7 and despite the modules are loaded in to the HN, the nfs won't start inside the CT.

```
service nfs restart
Shutting down NFS daemon:                [FAILED]
Shutting down NFS mountd:                 [ OK ]
Shutting down NFS quotas:                 [ OK ]
Starting NFS services:                    [ OK ]
Starting NFS quotas:                     [ OK ]
Starting NFS mountd:                      [ OK ]
Starting NFS daemon: rpc.nfsd: Unable to access /proc/fs/nfsd errno 2 (No such file or directory).
Please try, as root, 'mount -t nfsd nfsd /proc/fs/nfsd' and then restart rpc.nfsd to correct the
problem
```

[FAILED]

```
lsmod | grep nfs
```

```
pio_nfs          19011  0
ploop           118719  8 pio_kaio,pio_nfs,pio_direct,pfmt_raw,pfmt_ploop1
nfs              447114  6 pio_nfs,vzrst,vzcpt
fscache          55676  1 nfs
nfsd             313454  1
lockd            76070  3 vzrst,nfs,nfsd
nfs_acl          2655  2 nfs,nfsd
auth_rpcgss      46084  2 nfs,nfsd
sunrpc           271712  10 pio_nfs,nfs,nfsd,lockd,nfs_acl,auth_rpcgss
```

```
[root@dev ~]# uname -a
```

```
Linux dev 2.6.32-042stab112.7 #1 SMP Tue Sep 29 16:45:02 MSK 2015 x86_64 x86_64 x86_64
GNU/Linux
```
