Subject: VZ NFS problem ...
Posted by vleduc on Mon, 14 Dec 2009 21:29:12 GMT

Hi.

I ve got a real problem with my NFS Server :

- The master host :

```
  [root@master etc]# showmount -e
  Export list for master.mydomain.com:
  /www a.b.c.d
```

- The container :

```
  [root@slave etc]# showmount -e a.b.c.d
  Export list for master.mydomain.com:
  /www a.b.c.d

  [root@slave etc]# mount -t nfs a.b.c.d:/www /www
  mount: a.b.c.d:/www failed, reason given by server: Permission denied
```

So i looked into logs :

```
  [root@master etc]# tail -2 /var/log/messages
  Dec 14 15:01:56 a.b.c.d mountd[4660]: authenticated mount request from slave:917 for /www
(/www)
Dec 14 15:01:56 m1710v01 mountd[4660]: Cannot export /www, possibly unsupported filesystem
or fsid= required
```

Sometimes, the message changes :

```
  "kernel: Could not export filesystem via NFS with VZQUOTA on"
```

So i tried first to disable iptables, cfs, and all the protections to be sure there is no mistake.

I ve attached mountd with full debugging with strace, in order to match the differents strings (send, recv, read, write ...).

But there s no way. The fact is when the service nfsd is running on another box, with a RHEL5 for example, my VZ slave can mount the share. In fact the problem comes from the "master". I mean that between the master and the master-Rhel5 i cant see any difference.

Furthermore :

```
[root@master etc]# grep rpc /proc/filesystems
nodev rpc_pipefs
```

```
[root@master etc]# grep nfs /proc/filesystems
nodev nfs
nodev nfs4
nodev nfsd
```

The slave can see (and mount) NFS too. The master is unable to mount with localhost during a test.

```
[root@master etc]# cat exports
/www slave(rw,sync,no_wdelay,insecure_locks,no_root_squash)
```

Ive disabled VZQUOTA for my slave, but it doesnt seems to change ...

Could yo help me please ?

Subject: Re: VZ NFS problem ...
Posted by khorenko on Tue, 15 Dec 2009 09:37:34 GMT
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Hi,
Quote:
"kernel: Could not export filesystem via NFS with VZQUOTA on"

Here is the answer - the problem is that you export (on the server side) via NFS a directory located on a partition with VZQUOTA enabled.
NFS server works with filesystem on a very low level and if a client changes something on a NFS volume, VZQUOTA won't know about that => thus it will work incorrectly => it was prohibited to export a partition with VZQUOTA enabled via NFS.

Just disable VZQUOTA on NFS server for the partition being exported and that should work.

--
Konstantin