
Subject: NFS Problem

Posted by [blueboxgroup](#) on Thu, 04 Oct 2007 19:55:47 GMT

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NFS Server:

RHEL 5

Linux bsrv-01-01.blueboxgrid.com 2.6.18-8.1.14.el5 #1 SMP Tue Sep 25 11:45:55 EDT 2007
x86_64 x86_64 x86_64 GNU/Linux

Hardware Node:

RHEL5 OpenVZ Kernel

Linux bsrv-01-04.blueboxgrid.com 2.6.18-8.1.14.el5.028stab045.1 #1 SMP Mon Oct 1 13:21:49
MSD 2007 x86_64 x86_64 x86_64 GNU/Linux

Using veth for the VPS units

```
[root@bsrv-01-04 vz]# cat /proc/sys/kernel/ve_allow_kthreads
1
```

```
[root@bsrv-01-04 ~]# lsmod | grep nfs
nfs                287564  1
lockd              96912  2 nfs
fscache            52320  1 nfs
nfs_acl            36608  1 nfs
sunrpc             197960  4 nfs,lockd,nfs_acl
```

VPS:

CentOS VZ Kernel

Linux bsrv-01-04-2.blueboxgrid.com 2.6.18-8.1.14.el5.028stab045.1 #1 SMP Mon Oct 1 13:21:49
MSD 2007 x86_64 x86_64 x86_64 GNU/Linux

```
[root@bsrv-01-04-1 /]# cat /etc/fstab
none /dev/pts devpts rw 0 0
10.5.14.100:/mnt/data/nfs /mnt/nfs nfs rw 0 0
```

The Hardware node can mount the NFS partition just fine.

The VPS can mount the NFS partition using nolock, but otherwise it hangs.

We get this error:

```
RPC: failed to contact portmap (errno -5).
portmap: server localhost not responding, timed out
RPC: failed to contact portmap (errno -t).
lockd_up: macksock failed, error=-5
```

We'd like to be able to mount it using the lock function.
