
Subject: *SOLVED* Sharing /home between vps, nfs/bind mount not working?

Posted by [xinhes](#) on Fri, 04 Aug 2006 10:14:49 GMT

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I can't find a working solution to having /home shared between vps servers.

Here is what i have tested:

```
# mount -o bind /vz/home /vz/private/1002/home
# df
Filesystem      1K-blocks  Used Available Use% Mounted on
/dev/md0        4032000 1372192 2454988 36% /
none           451656    0 451656 0% /dev/shm
/dev/md2        4032000 186900 3640280 5% /var
/dev/md3        1186166788 527048520 598864508 47% /vz
/vz/home        1186166788 527048520 598864508 47% /vz/private/1002/home
# vzctl exec 1002 ls -la /home
total 8
drwxr-xr-x  2 root root 4096 Aug  4 12:00 .
drwxr-xr-x 24 root root 4096 Aug  3 16:10 ..
-- --
```

As you can see the bind mounted dir doesn't show up in the vserver it's not supposed to be empty.

Well, next thing to try is to bind mount before starting the vps. Then this happens:

```
# mount -o bind /vz/home /vz/private/1002/home
# vzctl start 1002
Starting VPS ...
vzquota : (error) Quota on syscall for 1002: Device or resource busy
vzquota on failed [3]
-- --
```

I have also tried to drop vzquota so its gets recalculated at startup but it still refuses to start with "Device or resource busy"

Anyone got a clue why vzquota complains and refuses to start when I have bind mounted into the vps server?

So I could use nfs then?

No, that also fails because rpc.nfsd refuses to start in the ovkernel like this:

```
]# uname -a
Linux XXX 2.6.16-026test015.2 #1 Fri Jul 14 16:09:51 MSD 2006 i686 athlon i386 GNU/Linux
# service nfs start
Starting NFS services:          [ OK ]
Starting NFS quotas:           [ OK ]
Starting NFS daemon:           [FAILED]
Starting NFS mountd:           [ OK ]
-- --
```

Anyone got a clue on how I should proceed?

One solution would be to move /home to another nfs server. But then I'd have to dedicate one server for that purpose.

I have just started converting this server from vserver to openvz and the bind mounts worked fine with vserver.
