Subject: Local files, no problem: NFS files, problems
Posted by dowdle on Thu, 20 Apr 2006 22:03:05 GMT

I used wget and dragged some of the files over into a local directory and then modified Apache's DocumentRoot... restarted apache... and no problem at all.

I switch it back, and problems.

The same configuration did not give me a problem with the stable OpenVZ kernel.

Another question... sorta related but not.

Ok, in /etc/sysconfig/vz-scripts I have 101.mount and 101.umount and both are 755.

Check out the following behavior:

```
(before starting 101 - physical host)
[root@hprack6 ~]# df -h
Filesystem         Size  Used Avail Use% Mounted on
/dev/cciss/c0d0p1    30G  1.8G  27G   7% /
none               1012M    0 1012M   0% /dev/shm
esus:/students      145G   31G  107G  23% /mnt/nfs/esus/students
esus:/home          145G  112G   26G  82% /mnt/nfs/esus/home
esus:/www/htdocs     55G   11G   43G  20% /mnt/nfs/esus/www
[root@hprack6 ~]#

(after starting vps - physical host)
[root@hprack6 ~]# df -h
Filesystem         Size  Used Avail Use% Mounted on
/dev/cciss/c0d0p1    30G  1.8G  27G   7% /
none               1012M    0 1012M   0% /dev/shm
esus:/students      145G   31G  107G  23% /mnt/nfs/esus/students
esus:/home          145G  112G   26G  82% /mnt/nfs/esus/home
esus:/www/htdocs     55G   11G   43G  20% /mnt/nfs/esus/www
/mnt/nfs/esus/home  145G  112G   26G  82% /vz/root/101/home
/mnt/nfs/esus/students
                    145G   31G  107G  23% /vz/root/101/students
/mnt/nfs/esus/www    55G   11G   43G  20% /vz/root/101/www
[root@hprack6 ~]#

(after starting the vps - vps)
[root@web2 ~]# df -h
Filesystem         Size  Used Avail Use% Mounted on
simfs              5.0G  426M  4.6G   9% /
nfs                145G  112G   26G  82% /home
nfs                145G   31G  107G  23% /students
nfs                 55G   11G   43G  20% /www
```

[root@web2 ~]#

(after stopping vps - physical host)
[root@hprack6 ~]# df -h
Filesystem   Size Used Avail Use% Mounted on
/dev/cciss/c0d0p1   30G 1.8G 27G   7% /
none   1012M   0 1012M   0% /dev/shm
esus:/students   30G 1.8G 27G   7% /mnt/nfs/esus/students
esus:/home   30G 1.8G 27G   7% /mnt/nfs/esus/home
esus:/www/htdocs   30G 1.8G 27G   7% /mnt/nfs/esus/www
[root@hprack6 ~]#

Notice how all of info for the nfs mounts has chaanged and oddly enough they reflect the / filesystem rather than their real values? CDing into those dirs and doing an ls shows NO files... everything has disappeared. When I umount the dirs by hand they say they aren't mounted... yet they disappear from the df listing... and then I mount -a and they get mounted correctly again.

Here are the contents of my 101.mount script:

```
#!/bin/bash
#
# 101.mount - script to bind nfs mounts of physical host
# if one of these files does not exist then something is
# really broken
[ -f "/etc/sysconfig/vz-scripts/101.conf" ] || exit 1
# If home dirs are not mounted we exit with error
mount --bind /mnt/nfs/esus/home /vz/root/101/home
mount --bind /mnt/nfs/esus/students /vz/root/101/students
mount --bind /mnt/nfs/esus/www /vz/root/101/www
exit $?
```

Here are the contents of my 101.umount script:

```
#!/bin/bash
# if one of these files does not exist then something is really broken
[ -f "/etc/sysconfig/vz-scripts/101.conf" ] || exit 1
# umount nfs mounts
umount /vz/root/101/home
umount /vz/root/101/students
umount /vz/root/101/www
exit $?
```

Any idea what is going on? Sorry for the bad formatting. The <pre> tag doesn't seem to work for me here.

I'm not sure if this is related to the test kernel or if I had the same problem with the stable kernel. I installed the new vzctl with the migration features... which requires the test kernel. If I reboot and run the stable kernel am I in need of downgrading vzctl anv vzctl-libs?