
Subject: nfs caching/delay from within a container
Posted by [kclair](#) on Tue, 17 Mar 2009 13:47:19 GMT
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Hello,

My kernel version is 2.6.18-8.1.8.el5.028stab039.1.

We use openvz containers in a shared hosting environment. The containers mount the same nfs filesystems that our other non-openvz servers use. In particular, our ftp server runs on a different machine than the openvz servers, and our customers who are in containers use the ftp server to upload files, while their sites are served from the container servers.

We've had intermittent reports of files being uploaded via ftp that have a delay before they are seen from within the container. We've also had reports of new versions of files being uploaded with ftp, and the new versions are seen by downloading the files via ftp while the old versions are seen when downloaded from a browser (from the website within the container).

I've been able to verify that the customer reports are accurate at least several times. However, as I said, it does seem intermittent.

I'm just wondering if anyone else has noticed anything like this.

Thanks,
Kristina

Subject: Re: nfs caching/delay from within a container
Posted by [maratrus](#) on Wed, 18 Mar 2009 17:27:24 GMT
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I've never heard about this but the kernel you're using is quite old. If you have a chance check the newest one.

Subject: Re: nfs caching/delay from within a container
Posted by [kclair](#) on Wed, 13 May 2009 15:03:18 GMT
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we updated our kernel and are now using 2.6.18-92.1.18.el5.028stab060.8ent. however, the problem persists.

i do notice a lot of rpc.statd and lockd errors, such as the following:

```
rpc.statd[6462]: STAT_FAIL to www-vps for SM_MON of 192.168.0.4  
kernel: lockd: cannot monitor 192.168.0.4
```

when this occurs, the problem is seen both from within the vps and from the openvz host server (the nfs filesystems are mounted with --bind in the vps). oddly, doing an ls -l of the directory where the problem is happening seems to jolt the server into reality, "fixing" the problem.

i definitely acknowledge that this could be a problem unrelated to openvz, but our openvz servers are our only servers with this problem.

is anyone else using nfs with openvz in a high-use environment where the main data (in this case website files) is stored on nfs?

thanks!

Subject: Re: nfs caching/delay from within a container
Posted by [abulava](#) on Thu, 14 May 2009 13:24:16 GMT

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kclair wrote on Wed, 13 May 2009 18:03the nfs filesystems are mounted with --bind in the vps
Do you mean that NFS mount points aren't mounted inside VE natively? I have a following setup:
a web server in VE mounts a R/W NFS share from another physical server according to
http://wiki.openvz.org/NFS#NFS_client

Works for me.
