

---

Subject: Re: [PATCH 0/5] NFS: create blocklayout pipe per network namespace context

Posted by [Stanislav Kinsbursky](#) on Tue, 10 Jan 2012 12:58:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

> On Fri, 2011-12-30 at 17:55 -0500, Trond Myklebust wrote:

>> On Tue, 2011-11-29 at 13:10 +0300, Stanislav Kinsbursky wrote:

>>> This patch set was created in context of clone of git

>>> branch: [git://git.linux-nfs.org/projects/trondmy/nfs-2.6.git](https://git.linux-nfs.org/projects/trondmy/nfs-2.6.git).

>>> tag: v3.1

>>>

>>> This patch set depends on previous patch sets titled:

>>> 1) "SUNRPC: initial part of making pipefs work in net ns"

>>> 2) "SUNRPC: cleanup PipeFS for network-namespace-aware users"

>>> 3) "SUNRPC: make RPC clients use network-namespace-aware PipeFS routines"

>>> 4) "NFS: create clients and IDMAP pipes per network namespace"

>>>

>>> This patch set is the final part of making SUNRPC PipeFS and it's users work in

>>> network namespace context.

>>>

>>> The following series consists of:

>>>

>>> ---

>>>

>>> Stanislav Kinsbursky (5):

>>> NFS: handle blocklayout pipe PipeFS dentry by network namespace aware routines

>>> NFS: blocklayout pipe creation per network namespace context introduced

>>> NFS: blocklayout PipeFS notifier introduced

>>> NFS: remove RPC PipeFS mount point reference from blocklayout routines

>>> SUNRPC: kernel PipeFS mount point creation routines removed

>>>

>>>

>>> fs/nfs/blocklayout/blocklayout.c | 154 ++++++

>>> fs/nfs/blocklayout/blocklayout.h | 3 -

>>> fs/nfs/blocklayout/blocklayoutdev.c | 5 +

>>> fs/nfs/blocklayout/blocklayoutdm.c | 7 +-

>>> fs/nfs/inode.c | 1

>>> fs/nfs/netns.h | 1

>>> include/linux/sunrpc/rpc\_pipe\_fs.h | 2

>>> net/sunrpc/rpc\_pipe.c | 21 -----

>>> 8 files changed, 137 insertions(+), 57 deletions(-)

>>

>>

>> These patches need rebasing in order to apply on top of 3.2-rc7...

>

> OK. Further testing seems to indicate that we're going to have to

> postpone merging these patches until the 3.4 merge window.

>  
> The problems are twofold:  
>  
> As the patches stand now in the linux-next tree, they can (and  
> occasionally do) Oops on unmount. The reason was that I rejected the  
> PipeFS notifier patch for the idmapper (due to the reported problem of  
> nfs\_idmap\_init/nfs\_idmap\_quit being undefined when CONFIG\_NFS\_V4 is  
> undefined), and the fact that it is missing causes the unmount at the  
> end of our tests to hit the BUG() in fs/dcache.c:905. This suggests that  
> we will have the same problem with the pNFS block layout driver, since I  
> still haven't received a rebased update of the 5 'create blocklayout  
> pipe per network namespace context' patches.  
>

Hello, Trond.

I've resend the patch set (rebased with fix for nfs\_idmap\_init/nfs\_idmap\_quit).

> The second problem that was highlighted was the fact that as they stand  
> today, these patchsets do not allow for bisection. When we hit the Oops,  
> I had Bryan try to bisect where the problem arose. He ended up pointing  
> at the patch "SUNRPC: handle RPC client pipefs dentries by network  
> namespace aware routine", which is indeed the cause, but which is one of  
> the \_dependencies\_ for all the PipeFS notifier patches that fix the  
> problem.  
>

I'm confused here. Does this means, that I have to fix patch "SUNRPC: handle RPC  
client pipefs dentries by network namespace aware routine" to make it able to  
bisect?

--

Best regards,  
Stanislav Kinsbursky

---