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Subject: Re: [PATCH 4/5] NFS: remove RPC PipeFS mount point reference from blocklayout routines

Posted by [Myklebust, Trond](#) on Tue, 29 Nov 2011 15:18:26 GMT

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On Tue, 2011-11-29 at 23:10 +0800, Peng Tao wrote:

> On Tue, Nov 29, 2011 at 9:35 PM, Myklebust, Trond

> <Trond.Myklebust@netapp.com> wrote:

> > -----Original Message-----

> > From: tao.peng@emc.com [mailto:tao.peng@emc.com]

> > Sent: Tuesday, November 29, 2011 7:40 AM

> > To: skinsbursky@parallels.com

> > Cc: Myklebust, Trond; linux-nfs@vger.kernel.org; xemul@parallels.com;

> > neilb@suse.de; netdev@vger.kernel.org; linux-kernel@vger.kernel.org;

> > jbottomley@parallels.com; bfields@fieldses.org; davem@davemloft.net;

> > devel@openvz.org

> > Subject: RE: [PATCH 4/5] NFS: remove RPC PipeFS mount point reference

> > from blocklayout routines

> >

> > > -----Original Message-----

> > > From: Stanislav Kinsbursky [mailto:skinsbursky@parallels.com]

> > > Sent: Tuesday, November 29, 2011 8:19 PM

> > > To: Peng, Tao

> > > Cc: Trond.Myklebust@netapp.com; linux-nfs@vger.kernel.org; Pavel

> > > Emelianov; neilb@suse.de; netdev@vger.kernel.org;

> > > linux-kernel@vger.kernel.org; James Bottomley; bfields@fieldses.org;

> > > davem@davemloft.net; devel@openvz.org

> > > Subject: Re: [PATCH 4/5] NFS: remove RPC PipeFS mount point reference

> > > from blocklayout routines

> > >

> > > > -----Original Message-----

> > > > From: linux-nfs-owner@vger.kernel.org

> > > > [mailto:linux-nfs-owner@vger.kernel.org] On Behalf Of

> > > > Stanislav

> > > > Kinsbursky

> > > > Sent: Tuesday, November 29, 2011 6:11 PM

> > > > To: Trond.Myklebust@netapp.com

> > > > Cc: linux-nfs@vger.kernel.org; xemul@parallels.com; neilb@suse.de;

> > > > netdev@vger.kernel.org; linux-kernel@vger.kernel.org;

> > > > jbottomley@parallels.com; bfields@fieldses.org;

> > > > davem@davemloft.net; devel@openvz.org

> > > > Subject: [PATCH 4/5] NFS: remove RPC PipeFS mount point reference

> > > > from blocklayout routines

> > > >

> > > > This is a cleanup patch. We don't need this reference anymore,

> > > > because blocklayout pipes\_dentries now creates and destroys in

> > > > per-net operations and on PipeFS mount/umount notification.

> > > > Note that nfs4blocklayout\_register\_net() now returns 0 instead of  
> > > > -ENOENT in case of PipeFS superblock absence. This is ok, because  
> > > > blocklayout pipe dentry will be created on PipeFS mount event.  
> > > > When is the "pipefs mount event" going to happen? When inserting  
> > > > kernel modules or when user issues  
> > > > mount command?  
> > > >  
> > > >  
> > > When user issues mount command.  
> > > Kernel mounts of PipeFS has been removed with all these patch sets  
> > > I've sent already.  
> > Then it is going to break blocklayout user space program blkmapd, which is  
> > started before mounting any file system and it tries to open the pipe file  
> > when started.  
> >  
> > Why on earth is blkmapd doing this instead of listening for file creation notifications like the  
other rpc\_pipefs daemons do?  
> Not sure how the original implementer chose this but I think it is  
> likely because we do not expect the pipe file to be created or deleted  
> dynamically.

Unless blkmapd can pin the sunrpc module (which it shouldn't be able to)  
then that assumption would be wrong. Please look into fixing blkmapd...

Trond

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