
Subject: [PATCH v2 4/5] NFS: remove RPC PipeFS mount point reference from blocklayout routines

Posted by [Stanislav Kinsbursky](#) on Tue, 10 Jan 2012 13:04:40 GMT

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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.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

fs/nfs/blocklayout/blocklayout.c | 9 +-----
1 files changed, 1 insertions(+), 8 deletions(-)

diff --git a/fs/nfs/blocklayout/blocklayout.c b/fs/nfs/blocklayout/blocklayout.c

index 322d920..2c70202 100644

--- a/fs/nfs/blocklayout/blocklayout.c

+++ b/fs/nfs/blocklayout/blocklayout.c

@@ -1034,7 +1034,7 @@ static struct dentry *nfs4blocklayout_register_net(struct net *net,

```
    pipefs_sb = rpc_get_sb_net(net);  
    if (!pipefs_sb)  
- return ERR_PTR(-ENOENT);  
+ return 0;  
    dentry = nfs4blocklayout_register_sb(pipefs_sb, pipe);  
    rpc_put_sb_net(net);  
    return dentry;
```

@@ -1085,7 +1085,6 @@ static struct pernet_operations nfs4blocklayout_net_ops = {

```
static int __init nfs4blocklayout_init(void)  
{
```

```
- struct vfsmount *mnt;  
int ret;
```

```
    dprintk("%s: NFSv4 Block Layout Driver Registering...\n", __func__);
```

@@ -1095,12 +1094,6 @@ static int __init nfs4blocklayout_init(void)
 goto out;

```
    init_waitqueue_head(&bl_wq);
```

```
-  
- mnt = rpc_get_mount();  
- if (IS_ERR(mnt)) {  
- ret = PTR_ERR(mnt);  
- goto out_remove;
```

```
-}  
ret = rpc_pipefs_notifier_register(&nfs4blocklayout_block);  
if (ret)  
    goto out_remove;
```

Subject: Re: [PATCH v2 4/5] NFS: remove RPC PipeFS mount point reference from blocklayout routines

Posted by [Myklebust, Trond](#) on Wed, 11 Jan 2012 18:33:13 GMT

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On Tue, 2012-01-10 at 17:04 +0400, Stanislav Kinsbursky wrote:

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> blocklayout pipes dentries now creates and destroys in per-net operations and  
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> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
```

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> pipefs_sb = rpc_get_sb_net(net);  
> if (!pipefs_sb)  
> - return ERR_PTR(-ENOENT);  
> + return 0;
```

This looks like a typo of some sort. The caller in `nfs4blocklayout_net_init()` checks for `IS_ERR()`, not `NULL`. I'll just remove this hunk...

```
> dentry = nfs4blocklayout_register_sb(pipefs_sb, pipe);  
> rpc_put_sb_net(net);  
> return dentry;  
> @@ -1085,7 +1085,6 @@ static struct pernet_operations nfs4blocklayout_net_ops = {  
>  
> static int __init nfs4blocklayout_init(void)  
> {  
> - struct vfsmount *mnt;
```

```
> int ret;
>
> dprintk("%s: NFSv4 Block Layout Driver Registering...\n", __func__);
> @@ -1095,12 +1094,6 @@ static int __init nfs4blocklayout_init(void)
>     goto out;
>
>     init_waitqueue_head(&bl_wq);
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> - mnt = rpc_get_mount();
> - if (IS_ERR(mnt)) {
> -     ret = PTR_ERR(mnt);
> -     goto out_remove;
> - }
>     ret = rpc_pipefs_notifier_register(&nfs4blocklayout_block);
>     if (ret)
>         goto out_remove;
>
> --
> To unsubscribe from this list: send the line "unsubscribe linux-nfs" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html
```

--
Trond Myklebust
Linux NFS client maintainer

NetApp
Trond.Myklebust@netapp.com
www.netapp.com

Subject: Re: [PATCH v2 4/5] NFS: remove RPC PipeFS mount point reference from
blocklayout routines

Posted by [Myklebust, Trond](#) on Wed, 11 Jan 2012 18:36:17 GMT

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On Wed, 2012-01-11 at 13:33 -0500, Trond Myklebust wrote:

```
> On Tue, 2012-01-10 at 17:04 +0400, Stanislav Kinsbursky wrote:
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> > Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
> >
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> >
> > pipefs_sb = rpc_get_sb_net(net);
> > if (!pipefs_sb)
> > - return ERR_PTR(-ENOENT);
> > + return 0;
> >
> This looks like a typo of some sort. The caller in
> nfs4blocklayout_net_init() checks for IS_ERR(), not NULL. I'll just
> remove this hunk...

```

Never mind. I see what's going on now... It should be NULL, and not 0 for coding style reasons, though...

--
Trond Myklebust
Linux NFS client maintainer

NetApp
Trond.Myklebust@netapp.com
www.netapp.com

Subject: Re: [PATCH v2 4/5] NFS: remove RPC PipeFS mount point reference from blocklayout routines

Posted by [Stanislav Kinsbursky](#) on Thu, 12 Jan 2012 08:45:25 GMT

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```

> On Wed, 2012-01-11 at 13:33 -0500, Trond Myklebust wrote:
>> On Tue, 2012-01-10 at 17:04 +0400, Stanislav Kinsbursky wrote:
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>> remove this hunk...
>
> Never mind. I see what's going on now... It should be NULL, and not 0
> for coding style reasons, though...
>
```

Yep, NULL of course, sorry.

--

Best regards,
Stanislav Kinsbursky
