

---

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

Posted by [Stanislav Kinsbursky](#) on Tue, 29 Nov 2011 12:19:26 GMT

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

---

>> -----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.

> Thanks,

> Tao

>

>>

>> 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 acf7ac9..8211ffd 100644

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

```

>> +++
>> @@ -1032,7 +1032,7 @@ 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;
>> @@ -1083,7 +1083,6 @@ 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__);
>> @@ -1093,12 +1092,6 @@ 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;
>>
>> --
>> 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
>
```

--  
Best regards,  
Stanislav Kinsbursky

---