
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

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>> -----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

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>> 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

```

>> +++ b/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;
>>
>> --
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>> More majordomo info at http://vger.kernel.org/majordomo-info.html
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Best regards,
Stanislav Kinsbursky
