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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>

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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;

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

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