
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

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

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

```
> 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;
```

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);
> -
> - 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
