

---

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](mailto: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](http://www.netapp.com)

---