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

Posted by [<tao.peng](#) on Tue, 29 Nov 2011 12:00:56 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

> 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?

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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