
Subject: Re: [PATCH v2 01/12] NFS: pass net to nfs_callback_down()
Posted by [Stanislav Kinsbursky](#) on Thu, 24 May 2012 19:47:53 GMT
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> I can see that you're passing net to nfs_callback_down(). Could you
> please remind me why? What problem does this solve?

Callback in a kernel thread and this thread is one for all NFSv4.{0,1} clients.

Thus, it has to be containerized as Lockd kthread.

This patch set does containerization in the same way as Lockd done.

I forgot about it when I was working on NFS client containerization. So, I really hope, that this patch set will be a part of 3.5 kernel.

> --b.

>

> On Tue, May 22, 2012 at 11:35:55AM +0400, Stanislav Kinsbursky wrote:

>> Signed-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>

>> ---

>> fs/nfs/callback.c | 4 +--

>> fs/nfs/callback.h | 2 +-
>> fs/nfs/client.c | 2 +-
>> 3 files changed, 4 insertions(+), 4 deletions(-)
>>

>> diff --git a/fs/nfs/callback.c b/fs/nfs/callback.c

>> index 970659d..f3d7ee2 100644

>> --- a/fs/nfs/callback.c

>> +++ b/fs/nfs/callback.c

>> @@ -322,7 +322,7 @@ out_err:

>> /*

>> * Kill the callback thread if it's no longer being used.

>> */

>> -void nfs_callback_down(int minorversion)

>> +void nfs_callback_down(int minorversion, struct net *net)

>> {

>> struct nfs_callback_data *cb_info =&nfs_callback_info[minorversion];

>>

>> @@ -330,7 +330,7 @@ void nfs_callback_down(int minorversion)

>> cb_info->users--;

>> if (cb_info->users == 0 && cb_info->task != NULL) {

>> kthread_stop(cb_info->task);

>> - svc_shutdown_net(cb_info->serv, current->nsproxy->net_ns);

>> + svc_shutdown_net(cb_info->serv, net);

>> svc_exit_thread(cb_info->rqst);

>> cb_info->serv = NULL;

>> cb_info->rqst = NULL;

>> diff --git a/fs/nfs/callback.h b/fs/nfs/callback.h

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>> index a5527c9..6d900cf 100644
>> --- a/fs/nfs/callback.h
>> +++ b/fs/nfs/callback.h
>> @@ -194,7 +194,7 @@ extern __be32 nfs4_callback_recall(struct cb_recallargs *args, void
*dummy,
>>      struct cb_process_state *cps);
>> #ifdef CONFIG_NFS_V4
>> extern int nfs_callback_up(u32 minorversion, struct rpc_xprt *xprt);
>> -extern void nfs_callback_down(int minorversion);
>> +extern void nfs_callback_down(int minorversion, struct net *net);
>> extern int nfs4_validate_delegation_stateid(struct nfs_delegation *delegation,
>>      const nfs4_stateid *stateid);
>> extern int nfs4_set_callback_sessionid(struct nfs_client *clp);
>> diff --git a/fs/nfs/client.c b/fs/nfs/client.c
>> index da7b5e4..44cd70f 100644
>> --- a/fs/nfs/client.c
>> +++ b/fs/nfs/client.c
>> @@ -222,7 +222,7 @@ static void nfs4_shutdown_session(struct nfs_client *clp)
>> static void nfs4_destroy_callback(struct nfs_client *clp)
>> {
>>     if (__test_and_clear_bit(NFS_CS_CALLBACK,&clp->cl_res_state))
>> - nfs_callback_down(clp->cl_mvops->minor_version);
>> + nfs_callback_down(clp->cl_mvops->minor_version, clp->net);
>> }
>>
>> static void nfs4_shutdown_client(struct nfs_client *clp)
>>

```
