
Subject: Re: [PATCH 4/4] NFS: make nfs_client_lock per net ns
Posted by [Bryan Schumaker](#) on Tue, 07 Feb 2012 14:30:45 GMT
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On 02/07/12 09:11, Myklebust, Trond wrote:

> On Tue, 2012-02-07 at 18:09 +0400, Stanislav Kinsbursky wrote:

```
>>> 8< -----
>>> From 5a489156da4fd15dd143f2b21dd9657b97dcef88 Mon Sep 17 00:00:00 2001
>>> From: Trond Myklebust<Trond.Myklebust@netapp.com>
>>> Date: Tue, 7 Feb 2012 00:05:11 -0500
>>> Subject: [PATCH] NFS: Initialise the nfs_net->nfs_client_lock
>>>
>>> Ensure that we initialise the nfs_net->nfs_client_lock spinlock.
>>> Also ensure that nfs_server_remove_lists() doesn't try to
>>> dereference server->nfs_client before that is initialised.
>>>
>>
>> Sorry.
>> Patch looks nice. Except one notice below.
>>
>>> Signed-off-by: Trond Myklebust<Trond.Myklebust@netapp.com>
>>> Cc: Stanislav Kinsbursky<skinsbursky@parallels.com>
>>> ---
>>> fs/nfs/client.c | 6 +++++-
>>> 1 files changed, 5 insertions(+), 1 deletions(-)
>>>
>>> diff --git a/fs/nfs/client.c b/fs/nfs/client.c
>>> index 1a5cd49..f0dacad 100644
>>> --- a/fs/nfs/client.c
>>> +++ b/fs/nfs/client.c
>>> @@ -1055,8 +1055,11 @@ static void nfs_server_insert_lists(struct nfs_server *server)
>>> static void nfs_server_remove_lists(struct nfs_server *server)
>>> {
>>> struct nfs_client *clp = server->nfs_client;
>>> - struct nfs_net *nn = net_generic(clp->net, nfs_net_id);
>>> + struct nfs_net *nn;
>>>
>>> + if (clp == NULL)
>>> + return;
>>> + nn = net_generic(clp->net, nfs_net_id);
>>> spin_lock(&nn->nfs_client_lock);
>>> list_del_rcu(&server->client_link);
>>> if (clp&& list_empty(&clp->cl_superblocks))
>>>
>>
>> This check for clp != NULL can be removed.
>>
```

>
> Yep... I'll add that in...

When I compile Trond's devel branch I get this:

```
make[1]: Nothing to be done for `all'.
CHK   include/linux/version.h
CHK   include/generated/utsrelease.h
CALL  scripts/checksyscalls.sh
CHK   include/generated/compile.h
CHK   kernel/config_data.h
CC [M] fs/nfs/idmap.o
fs/nfs/idmap.c: In function 'rpc_pipefs_event':
fs/nfs/idmap.c:535:9: error: implicit declaration of function 'net_generic'
[-Werror=implicit-function-declaration]
fs/nfs/idmap.c:535:50: error: 'nfs_net_id' undeclared (first use in this function)
fs/nfs/idmap.c:535:50: note: each undeclared identifier is reported only once for each function it
appears in
fs/nfs/idmap.c:540:82: error: dereferencing pointer to incomplete type
fs/nfs/idmap.c:540:224: error: dereferencing pointer to incomplete type
cc1: some warnings being treated as errors

make[2]: *** [fs/nfs/idmap.o] Error 1
make[1]: *** [fs/nfs] Error 2
make: *** [fs] Error 2
```

I bisected it to this patch, probably a missing #include?

- Bryan

>
