
Subject: Re: [PATCH 4/4] NFS: make nfs_client_lock per net ns
Posted by [Bryan Schumaker](#) on Tue, 07 Feb 2012 14:35:00 GMT
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On 02/07/12 09:30, Bryan Schumaker wrote:

> 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?
```

Ignore that, I was in the middle of bisecting something else and got confused. This was still something I kept seeing during the bisect, though. I'll figure out which patch causes it in a few minutes...

```
>  
> - Bryan  
>  
>>  
>  
>  
> --  
> 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
```
