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
>
>>
>
>
> --
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