Subject: [PATCH] NFS: put net in case of idr allocation failure
Posted by Stanislav Kinsbursky on Mon, 20 Aug 2012 13:43:50 GMT
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Put net reference we got in nfs_alloc_client() on error path.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
---
 fs/nfs/nfs4client.c | 1 +
 1 files changed, 1 insertions(+), 0 deletions(-)

diff --git a/fs/nfs/nfs4client.c b/fs/nfs/nfs4client.c
index cbcdfaf..b895629 100644
--- a/fs/nfs/nfs4client.c
+++ b/fs/nfs/nfs4client.c
@@ -74,6 +74,7 @@ struct nfs_client *nfs4_alloc_client(const struct nfs_client_initdata *cl_init)
  return clp;

 error:
+ put_net(clp->cl_net);
  kfree(clp);
  return ERR_PTR(err);
 }

Subject: Re: [PATCH] NFS: put net in case of idr allocation failure
Posted by Myklebust, Trond on Mon, 20 Aug 2012 16:11:37 GMT
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On Mon, 2012-08-20 at 17:43 +0400, Stanislav Kinsbursky wrote:
> Put net reference we got in nfs_alloc_client() on error path.
>
> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
> ---
> fs/nfs/nfs4client.c | 1 +
> 1 files changed, 1 insertions(+), 0 deletions(-)
>
> diff --git a/fs/nfs/nfs4client.c b/fs/nfs/nfs4client.c
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> --- a/fs/nfs/nfs4client.c
> +++ b/fs/nfs/nfs4client.c
> @@ -74,6 +74,7 @@ struct nfs_client *nfs4_alloc_client(const struct nfs_client_initdata *cl_init)
>   return clp;
>
> error:
> + put_net(clp->cl_net);
>   kfree(clp);
>   return ERR_PTR(err);

> }

No, that isn't anywhere near sufficient.

The correct thing to do here is to replace the kfree with a call to
nfs_free_client(), which will also clean up the allocation of
cl_hostname, put the module, etc.

--
Trond Myklebust
Linux NFS client maintainer

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www.netapp.com

Subject: Re: [PATCH] NFS: put net in case of idr allocation failure
Posted by Stanislav Kinsbursky on Mon, 20 Aug 2012 16:14:54 GMT
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> On Mon, 2012-08-20 at 17:43 +0400, Stanislav Kinsbursky wrote:
>> Put net reference we got in nfs_alloc_client() on error path.
>>
>> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
>> ---
>> fs/nfs/nfs4client.c | 1 +
>> 1 files changed, 1 insertions(+), 0 deletions(-)
>>
>> diff --git a/fs/nfs/nfs4client.c b/fs/nfs/nfs4client.c
>> index cbcdfaf..b895629 100644
>> --- a/fs/nfs/nfs4client.c
>> +++ b/fs/nfs/nfs4client.c
>> @@ -74,6 +74,7 @@ struct nfs_client *nfs4_alloc_client(const struct nfs_client_initdata
*cl_init)
>>   return clp;
>>
>> error:
>> + put_net(clp->cl_net);
>>   kfree(clp);
>>   return ERR_PTR(err);
>> }
>
>
> No, that isn't anywhere near sufficient.
>

> The correct thing to do here is to replace the kfree with a call to
> nfs_free_client(), which will also clean up the allocation of
> cl_hostname, put the module, etc.
>

Sure, you are right.

--
Best regards,
Stanislav Kinsbursky