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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>

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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);  
}
```

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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 +  
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> 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.

--

Trond Myklebust  
Linux NFS client maintainer

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www.netapp.com

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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(-)  
>>  
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>> --- a/fs/nfs/nfs4client.c  
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\*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