
Subject: [PATCH] NFSd: simplify locking in nfsd_recall_delegations()
Posted by [Stanislav Kinsbursky](#) on Tue, 22 May 2012 10:28:55 GMT
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Holding of client_mutex looks redundant here - holding of recall_lock looks enough.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

fs/nfsd/nfs4state.c | 2 --
1 files changed, 0 insertions(+), 2 deletions(-)

```
diff --git a/fs/nfsd/nfs4state.c b/fs/nfsd/nfs4state.c
index f004e61..fdef9fc 100644
--- a/fs/nfsd/nfs4state.c
+++ b/fs/nfsd/nfs4state.c
@@ -4744,11 +4744,9 @@ void nfsd_recall_delegations(u64 num)
{
    unsigned int count;

-   nfs4_lock_state();
-   spin_lock(&recall_lock);
    count = nfsd_process_n_delegations(num, nfsd_break_one_deleg, NULL);
    spin_unlock(&recall_lock);
-   nfs4_unlock_state();

    printk(KERN_INFO "NFSD: Recalled %d delegations", count);
}
```

Subject: Re: [PATCH] NFSd: simplify locking in nfsd_recall_delegations()
Posted by [Benny Halevy](#) on Thu, 24 May 2012 12:30:51 GMT
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On 2012-05-22 13:28, Stanislav Kinsbursky wrote:
> Holding of client_mutex looks redundant here - holding of recall_lock looks
> enough.

Looking at the code, agreed.

Benny

```
>
> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
> ---
> fs/nfsd/nfs4state.c | 2 --
> 1 files changed, 0 insertions(+), 2 deletions(-)
>
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```
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> --- a/fs/nfsd/nfs4state.c
> +++ b/fs/nfsd/nfs4state.c
> @@ -4744,11 +4744,9 @@ void nfsd_recall_delegations(u64 num)
> {
>     unsigned int count;
>
>     - nfs4_lock_state();
>     spin_lock(&recall_lock);
>     count = nfsd_process_n_delegations(num, nfsd_break_one_deleg, NULL);
>     spin_unlock(&recall_lock);
>     - nfs4_unlock_state();
>
>     printk(KERN_INFO "NFSD: Recalled %d delegations", count);
> }
>
> --
> 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
```
