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 @@
 {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(-)
>
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);
    
    --
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