
Subject: [RFC PATCH 14/13] NFSd: make grace end flag per network namespace
Posted by [Stanislav Kinsbursky](#) on Mon, 14 May 2012 13:19:34 GMT
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NFSd's grace_ender flag is a part of grace period facility.

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

```
---
fs/nfsd/netns.h      |   1 +
fs/nfsd/nfs4state.c  |   8 +++-----
2 files changed, 4 insertions(+), 5 deletions(-)

diff --git a/fs/nfsd/netns.h b/fs/nfsd/netns.h
index e99767d..b6deebd 100644
--- a/fs/nfsd/netns.h
+++ b/fs/nfsd/netns.h
@@ -36,6 +36,7 @@ struct nfsd_net {
     struct cache_detail *nametoid_cache;

     struct lock_manager nfsd4_manager;
+    bool grace_ended;
 };

 extern int nfsd_net_id;
diff --git a/fs/nfsd/nfs4state.c b/fs/nfsd/nfs4state.c
index 2f940c1..7c88ee8 100644
--- a/fs/nfsd/nfs4state.c
+++ b/fs/nfsd/nfs4state.c
@@ -3188,19 +3188,17 @@ out:
     return status;
 }

-static bool grace_ended;
-
 static void
 nfsd4_end_grace(struct net *net)
 {
     struct nfsd_net *nn = net_generic(net, nfsd_net_id);

     /* do nothing if grace period already ended */
-    if (grace_ended)
+    if (nn->grace_ended)
         return;

     dprintk("NFSD: end of grace period\n");
-    grace_ended = true;
+    nn->grace_ended = true;
     nfsd4_record_grace_done(net, boot_time);
```

```
locks_end_grace(&nn->nfsd4_manager);
/*
@@ -4761,7 +4759,7 @@ nfs4_state_start(void)
    nfsd4_client_tracking_init(net);
    boot_time = get_seconds();
    locks_start_grace(net, &nn->nfsd4_manager);
- grace_ended = false;
+ nn->grace_ended = false;
    printk(KERN_INFO "NFSD: starting %ld-second grace period\n",
           nfsd4_grace);
    ret = set_callback_cred();
```
