
Subject: [PATCH RFC 13/13] Lockd: move grace period management from lockd() to per-net functions

Posted by [Stanislav Kinsbursky](#) on Sat, 05 May 2012 17:23:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

fs/lockd/svc.c | 9 +++-----

1 files changed, 3 insertions(+), 6 deletions(-)

diff --git a/fs/lockd/svc.c b/fs/lockd/svc.c

index 68271c2..31a63f8 100644

--- a/fs/lockd/svc.c

+++ b/fs/lockd/svc.c

@@ -128,8 +128,6 @@ lockd(void *vrqstp)

{

int err = 0, preverr = 0;

struct svc_rqst *rqstp = vrqstp;

- struct net *net = &init_net;

- struct lockd_net *ln = net_generic(net, lockd_net_id);

/* try_to_freeze() is called from svc_rcv() */

set_freezable();

@@ -143,8 +141,6 @@ lockd(void *vrqstp)

nlm_timeout = LOCKD_DFLT_TIMEO;

nlmsvc_timeout = nlm_timeout * HZ;

- set_grace_period(net);

-

/*

* The main request loop. We don't terminate until the last

* NFS mount or NFS daemon has gone away.

@@ -190,8 +186,6 @@ lockd(void *vrqstp)

svc_process(rqstp);

}

flush_signals(current);

- cancel_delayed_work_sync(&ln->grace_period_end);

- locks_end_grace(&ln->lockd_manager);

if (nlmsvc_ops)

nlmsvc_invalidate_all();

nlm_shutdown_hosts();

@@ -272,6 +266,7 @@ static int lockd_up_net(struct svc_serv *serv, struct net *net)

error = make_socks(serv, net);

if (error < 0)

goto err_socks;

+ set_grace_period(net);

dprintk("lockd_up_net: per-net data created; net=%p\n", net);

return 0;

```
@@ -289,6 +284,8 @@ static void lockd_down_net(struct svc_serv *serv, struct net *net)
{
    if (ln->nlmsvc_users) {
        if (--ln->nlmsvc_users == 0) {
            nlm_shutdown_hosts_net(net);
+       cancel_delayed_work_sync(&ln->grace_period_end);
+       locks_end_grace(&ln->lockd_manager);
            svc_shutdown_net(serv, net);
            dprintk("lockd_down_net: per-net data destroyed; net=%p\n", net);
        }
    }
```
