
Subject: [PATCH v2 13/15] Lockd: move grace period management from lockd() to per-net functions

Posted by [Stanislav Kinsbursky](#) on Wed, 25 Jul 2012 12:57:29 GMT

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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);
        }
    }
```
