


```

+ goto out;
+
+ spin_unlock(&ln->nsm_clnt_lock);
+
+ mutex_lock(&nsm_create_mutex);
+ clnt = nsm_create(net);
+ if (!IS_ERR(clnt)) {
+ ln->nsm_clnt = clnt;
+ smp_wmb();
+ ln->nsm_users = 1;
+ }
+ mutex_unlock(&nsm_create_mutex);
+out:
+ return clnt;
+}
+
+__maybe_unused static void nsm_client_put(struct net *net)
+{
+ struct lockd_net *ln = net_generic(net, lockd_net_id);
+ struct rpc_clnt *clnt = ln->nsm_clnt;
+ int shutdown = 0;
+
+ spin_lock(&ln->nsm_clnt_lock);
+ if (ln->nsm_users) {
+ if (--ln->nsm_users)
+ ln->nsm_clnt = NULL;
+ shutdown = !ln->nsm_users;
+ }
+ spin_unlock(&ln->nsm_clnt_lock);
+
+ if (shutdown)
+ rpc_shutdown_client(clnt);
+}
+
static int nsm_mon_unmon(struct nsm_handle *nsm, u32 proc, struct nsm_res *res,
    struct net *net)
{
diff --git a/fs/lockd/netns.h b/fs/lockd/netns.h
index 4eee248..5010b55 100644
--- a/fs/lockd/netns.h
+++ b/fs/lockd/netns.h
@@ -12,6 +12,10 @@ struct lockd_net {
    struct delayed_work grace_period_end;
    struct lock_manager lockd_manager;
    struct list_head grace_list;
+
+    spinlock_t nsm_clnt_lock;
+    unsigned int nsm_users;

```

```
+ struct rpc_clnt *nsm_clnt;
};

extern int lockd_net_id;
diff --git a/fs/lockd/svc.c b/fs/lockd/svc.c
index 31a63f8..7e35587 100644
--- a/fs/lockd/svc.c
+++ b/fs/lockd/svc.c
@@ -596,6 +596,7 @@ static int lockd_init_net(struct net *net)

INIT_DELAYED_WORK(&ln->grace_period_end, grace_ender);
INIT_LIST_HEAD(&ln->grace_list);
+ spin_lock_init(&ln->nsm_clnt_lock);
return 0;
}
```
