
Subject: [PATCH v2 11/15] LockD: manage grace list per network namespace
Posted by [Stanislav Kinsbursky](#) on Wed, 25 Jul 2012 12:57:13 GMT
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```
fs/lockd/grace.c | 14 ++++++++---  
fs/lockd/netns.h | 1 +  
fs/lockd/svc.c   | 1 +  
3 files changed, 13 insertions(+), 3 deletions(-)
```

```
diff --git a/fs/lockd/grace.c b/fs/lockd/grace.c  
index 183cc1f..8dbaff7 100644
```

```
--- a/fs/lockd/grace.c  
+++ b/fs/lockd/grace.c  
@@ -4,8 +4,10 @@
```

```
#include <linux/module.h>  
#include <linux/lockd/bind.h>  
+#include <net/net_namespace.h>  
+  
+#include "netns.h"
```

```
-static LIST_HEAD(grace_list);  
static DEFINE_SPINLOCK(grace_lock);
```

```
/**  
@@ -21,8 +23,11 @@ static DEFINE_SPINLOCK(grace_lock);  
*/  
void locks_start_grace(struct lock_manager *lm)  
{  
+ struct net *net = &init_net;  
+ struct lockd_net *ln = net_generic(net, lockd_net_id);  
+  
    spin_lock(&grace_lock);  
- list_add(&lm->list, &grace_list);  
+ list_add(&lm->list, &ln->grace_list);  
    spin_unlock(&grace_lock);  
}  
EXPORT_SYMBOL_GPL(locks_start_grace);  
@@ -54,6 +59,9 @@ EXPORT_SYMBOL_GPL(locks_end_grace);  
*/  
int locks_in_grace(void)  
{  
- return !list_empty(&grace_list);  
+ struct net *net = &init_net;  
+ struct lockd_net *ln = net_generic(net, lockd_net_id);  
+  
+}
```

```

+ return !list_empty(&ln->grace_list);
}
EXPORT_SYMBOL_GPL(locks_in_grace);
diff --git a/fs/lockd/netns.h b/fs/lockd/netns.h
index e78650c..4eee248 100644
--- a/fs/lockd/netns.h
+++ b/fs/lockd/netns.h
@@ -11,6 +11,7 @@ struct lockd_net {

    struct delayed_work grace_period_end;
    struct lock_manager lockd_manager;
+ struct list_head grace_list;
};

extern int lockd_net_id;
diff --git a/fs/lockd/svc.c b/fs/lockd/svc.c
index a9c436b..834dfe2 100644
--- a/fs/lockd/svc.c
+++ b/fs/lockd/svc.c
@@ -596,6 +596,7 @@ static int lockd_init_net(struct net *net)
    struct lockd_net *ln = net_generic(net, lockd_net_id);

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

```
