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Subject: [PATCH v2 00/15] Lockd: grace period containerization  
Posted by [Stanislav Kinsbursky](#) on Wed, 25 Jul 2012 12:55:45 GMT  
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Bruce, I feel this patch set is ready for inclusion.

v2:

1) Rebase on Bruce's "for-3.6" branch.

This patch set makes grace period and hosts reclaiming network namespace aware.

Main ideas:

1) moving of

unsigned long next\_gc;  
unsigned long nrhosts;

struct delayed\_work grace\_period\_end;  
struct lock\_manager lockd\_manager;  
struct list\_head grace\_list;

to per-net Lockd data.

2) moving of

struct lock\_manager nfsd4\_manager;

to per-net NFSd data.

3) shutdown + gc of NLM hosts done now network namespace aware.

4) restart\_grace() now works only for init\_net.

The following series implements...

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Stanislav Kinsbursky (15):

- LockD: mark host per network namespace on garbage collect
- LockD: make garbage collector network namespace aware.
- LockD: manage garbage collection timeout per networks namespace
- LockD: manage used host count per networks namespace
- Lockd: host complaining function introduced
- Lockd: add more debug to host shutdown functions
- LockD: manage grace period per network namespace
- LockD: make lockd manager allocated per network namespace
- NFSd: make nfsd4\_manager allocated per network namespace context.

SUNRPC: service request network namespace helper introduced  
 LockD: manage grace list per network namespace  
 LockD: pass actual network namespace to grace period management functions  
 Lockd: move grace period management from lockd() to per-net functions  
 NFSd: make grace end flag per network namespace  
 NFSd: make boot\_time variable per network namespace

```

fs/lockd/grace.c      | 16 ++++++--
fs/lockd/host.c      | 92 ++++++-----
fs/lockd/netns.h     | 7 +++
fs/lockd/svc.c       | 43 ++++++-----
fs/lockd/svc4proc.c  | 13 +++--
fs/lockd/svclock.c   | 16 +++----
fs/lockd/svcproc.c   | 15 ++++--
fs/lockd/svcsubs.c   | 19 ++++++---
fs/nfs/callback_xdr.c | 4 +-
fs/nfsd/export.c     | 4 +-
fs/nfsd/netns.h      | 4 ++
fs/nfsd/nfs4idmap.c  | 4 +-
fs/nfsd/nfs4proc.c   | 18 +++++---
fs/nfsd/nfs4state.c  | 104 ++++++-----
fs/nfsd/state.h      | 4 +-
include/linux/fs.h    | 5 +-
include/linux/lockd/lockd.h | 6 +-
include/linux/sunrpc/svc.h | 2 +
18 files changed, 231 insertions(+), 145 deletions(-)

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