
Subject: [PATCH v7 0/7] SUNRPC: make rpcbind clients allocated and destroyed dynamically

Posted by [Stanislav Kinsbursky](#) on Fri, 28 Oct 2011 10:52:19 GMT

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This patch-set was created in context of clone of git branch:
git://git.linux-nfs.org/projects/trondmy/nfs-2.6.git
and rebased on tag "v3.1".

v7:

- 1) Implemented "goto pattern" in __svc_create().
- 2) Pathes 5 and 6 from perious patch-set were squashed to make things looks clearer and to allow safe bisecting of the patch-set.

v6:

- 1) Fixes in rpcb_clients management.

v4:

- 1) creation and destruction on rpcbind clients now depends on service program versions "vs_hidden" flag.

This patch is required for further RPC layer virtualization, because rpcbind clients have to be per network namespace.
To achive this, we have to untie network namespace from rpcbind clients sockets.
The idea of this patch set is to make rpcbind clients non-static. I.e. rpcbind clients will be created during first RPC service creation, and destroyed when last RPC service is stopped.
With this patch set rpcbind clients can be virtualized easely.

The following series consists of:

Stanislav Kinsbursky (7):

- SUNRPC: introduce helpers for reference counted rpcbind clients
- SUNRPC: use rpcbind reference counting helpers
- SUNRPC: introduce svc helpers for prepairing rpcbind infrastructure
- SUNRPC: setup rpcbind clients if service requires it
- SUNRPC: cleanup service destruction
- SUNRPC: remove rpcbind clients creation during service registering
- SUNRPC: remove rpcbind clients destruction on module cleanup

```
fs/nfsd/nfssvc.c      | 2 +
include/linux/sunrpc/clnt.h | 2 +
include/linux/sunrpc/svc.h | 1
net/sunrpc/rpcb_clnt.c  | 88 ++++++-----
net/sunrpc/sunrpc_syms.c | 3 -
```

net/sunrpc/svc.c | 57 ++++++-----
6 files changed, 113 insertions(+), 40 deletions(-)
