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(-)
```