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Subject: [PATCH v6 0/8] SUNRPC: make rpcbind clients allocated and destroyed dynamically

Posted by [Stanislav Kinsbursky](#) on Tue, 25 Oct 2011 10:16:40 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".

2 Trond:

Nothing changed against previous patch-set we discussed already.

If no other issues will appear against it, hoping for soon commit.

If git repo, mentioned above, is not suitable for development purposes, please, reply with the right one.

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 achieve 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 easily.

The following series consists of:

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Stanislav Kinsbursky (8):

SUNRPC: introduce helpers for reference counted rpcbind clients

SUNRPC: use rpcbind reference counting helpers

SUNRPC: introduce svc helpers for preparing rpcbind infrastructure

SUNRPC: setup rpcbind clients if service requires it

SUNRPC: cleanup service destruction

NFSd: call svc rpcbind cleanup explicitly

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    | 89 ++++++-----
net/sunrpc/sunrpc_syms.c  |  3 -
net/sunrpc/svc.c          | 48 ++++++-----
6 files changed, 109 insertions(+), 36 deletions(-)
```

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Signature

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