

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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:

---

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(-)
```

--

Signature

---