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Subject: [PATCH 00/11] SUNRPC: make sysctl per network namespace context  
Posted by [Stanislav Kinsbursky](#) on Wed, 14 Dec 2011 10:45:50 GMT  
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This patch set make SUNRPC sysctl created per network namespace context.

It provides the following functionality:

- 1) Debug sysctl's ( {rpc,nfs,nlm,nfsd}\_debug ) content is modifyable only from init\_net network context.
- 2) Write to rpc\_debug prints active RPC tasks in sysctl's creator networks context.
- 3) xs tunables are per-net now and modified through per-net sysctl's. IOW, sysctl creator context is used to get tunable during sysctl read/write access (not current tone).

The following series consists of:

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Stanislav Kinsbursky (11):

- SYSCTL: export root and set handling routines
- SUNRPC: use sysctl path instead of dummy parent table
- SUNRPC: sysctl root for debug table introduced
- SUNRPC: per-net sysctl's set introduced
- SUNRPC: register debug sysctl table per network namespace
- SUNRPC: register xs\_tunables sysctl table per network namespace
- SUNRPC: xs tunables per network namespace introduced
- SUNRPC: use per-net xs tunables instead of static ones
- SUNRPC: remove xs\_tcp\_fin\_timeout variable
- SUNRPC: allow debug flags modifications only from init\_net
- SUNRPC: sysctl table for rpc\_debug introduced

```
include/linux/sunrpc/debug.h | 9 ++
include/linux/sunrpc/sched.h | 1
include/linux/sunrpc/xprtsock.h | 3 +
include/linux/sysctl.h | 1
kernel/sysctl.c | 11 +++
net/sunrpc/netns.h | 12 +++
net/sunrpc/sunrpc_syms.c | 27 ++++++-
net/sunrpc/sysctl.c | 160 ++++++-----
net/sunrpc/xprtrdma/transport.c | 11 ---
net/sunrpc/xprtsock.c | 147 ++++++-----
10 files changed, 293 insertions(+), 89 deletions(-)
```