
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 makes SUNRPC sysctl created per network namespace context.

It provides the following functionality:

- 1) Debug sysctl's ({rpc,nfs,.nlm,nfsd}_debug) content is modifiable 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 one).

The following series consists of:

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/xprtdma/transport.c|  11 ---
net/sunrpc/xprtsock.c         | 147 ++++++-----+
10 files changed, 293 insertions(+), 89 deletions(-)
```
