
Subject: [PATCH 1/4] SUNRPC: clear svc pools lists helper introduced
Posted by [Stanislav Kinsbursky](#) on Wed, 25 Jan 2012 13:47:09 GMT
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This patch moves removing of service transport from it's pools ready lists to separated function. Also this clear is now done with list_for_each_entry_safe() helper.

This is a precursor patch, which would be usefull with service shutdown in network namespace context, introduced later in the series.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

net/sunrpc/svc_xprt.c | 19 ++++++++-----
1 files changed, 13 insertions(+), 6 deletions(-)

diff --git a/net/sunrpc/svc_xprt.c b/net/sunrpc/svc_xprt.c
index de1e1a8..50bf7c1 100644

--- a/net/sunrpc/svc_xprt.c

+++ b/net/sunrpc/svc_xprt.c

@@ -932,26 +932,33 @@ static void svc_close_list(struct list_head *xprt_list)
{
}

-void svc_close_all(struct svc_serv *serv)

+static void svc_clear_pools(struct svc_serv *serv)

{
 struct svc_pool *pool;
 struct svc_xprt *xprt;
 struct svc_xprt *tmp;
 int i;

- svc_close_list(&serv->sv_tempsocks);

- svc_close_list(&serv->sv_permssocks);

-

for (i = 0; i < serv->sv_nrpoools; i++) {
 pool = &serv->sv_pools[i];

spin_lock_bh(&pool->sp_lock);

- while (!list_empty(&pool->sp_sockets)) {

- xprt = list_first_entry(&pool->sp_sockets, struct svc_xprt, xprt_ready);

+ list_for_each_entry_safe(xprt, tmp, &pool->sp_sockets, xprt_ready) {
 list_del_init(&xprt->xprt_ready);

}
 spin_unlock_bh(&pool->sp_lock);

}

+}

+

```
+void svc_close_all(struct svc_serv *serv)
+{
+ struct svc_xprt *xprt;
+ struct svc_xprt *tmp;
+
+ svc_close_list(&serv->sv_tempsocks);
+ svc_close_list(&serv->sv_permsocks);
+
+ svc_clear_pools(serv);
+ /*
+  * At this point the sp_sockets lists will stay empty, since
+  * svc_enqueue will not add new entries without taking the
```
