
Subject: [PATCH 2/3] SUNRPC: check rpcbind clients usage counter before decrement

Posted by Stanislav Kinsbursky on Wed, 25 Apr 2012 13:37:49 GMT

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Registering service with svc_bind() can fail. In this case service will be destroyed and during destruction it will try to unregister itself from rpcbind. In this case unregister have to be skipped.

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net/sunrpc/rpcb_clnt.c | 12 ++++++-----
1 files changed, 7 insertions(+), 5 deletions(-)

```
diff --git a/net/sunrpc/rpcb_clnt.c b/net/sunrpc/rpcb_clnt.c
index 78ac39f..4c38b33 100644
--- a/net/sunrpc/rpcb_clnt.c
+++ b/net/sunrpc/rpcb_clnt.c
@@ -180,14 +180,16 @@ void rpcb_put_local(struct net *net)
    struct sunrpc_net *sn = net_generic(net, sunrpc_net_id);
    struct rpc_clnt *clnt = sn->rpcb_local_clnt;
    struct rpc_clnt *clnt4 = sn->rpcb_local_clnt4;
- int shutdown;
+ int shutdown = 0;

    spin_lock(&sn->rpcb_clnt_lock);
- if (--sn->rpcb_users == 0) {
-     sn->rpcb_local_clnt = NULL;
-     sn->rpcb_local_clnt4 = NULL;
+ if (sn->rpcb_users) {
+     if (--sn->rpcb_users == 0) {
+         sn->rpcb_local_clnt = NULL;
+         sn->rpcb_local_clnt4 = NULL;
+     }
+     shutdown = !sn->rpcb_users;
}
- shutdown = !sn->rpcb_users;
    spin_unlock(&sn->rpcb_clnt_lock);

if (shutdown) {
```
