
Subject: [PATCH v7 4/7] SUNRPC: setup rpcbind clients if service requires it
Posted by [Stanislav Kinsbursky](#) on Fri, 28 Oct 2011 10:53:07 GMT
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New function ("svc_uses_rpcbind") will be used to detect, that new service will send portmapper register calls. For such services we will create rpcbind clients and remove all stale portmap registrations.
Also, svc_rpcb_cleanup() will be set as sv_shutdown callback for such services in case of this field wasn't initialized earlier. This will allow to destroy rpcbind clients when no other users of them left.

Note: Currently, any creating service will be detected as portmap user. Probably, this is wrong. But now it depends on program versions "vs_hidden" flag.

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

net/sunrpc/svc.c | 20 ++++++++-----
1 files changed, 14 insertions(+), 6 deletions(-)

diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
index d2d61bf..87a67b2 100644

--- a/net/sunrpc/svc.c

+++ b/net/sunrpc/svc.c

@@ -436,10 +436,8 @@ __svc_create(struct svc_program *prog, unsigned int bufsize, int npools,

serv->sv_pools =
kalloc(serv->sv_nrpoools, sizeof(struct svc_pool),
GFP_KERNEL);

- if (!serv->sv_pools) {
- kfree(serv);
- return NULL;
- }

+ if (!serv->sv_pools)
+ goto err_serv;

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

@@ -454,10 +452,20 @@ __svc_create(struct svc_program *prog, unsigned int bufsize, int npools,
spin_lock_init(&pool->sp_lock);
}

- /* Remove any stale portmap registrations */
- svc_unregister(serv);
+ if (svc_uses_rpcbind(serv)) {
+ if (svc_rpcb_setup(serv) < 0)

```
+ goto err_rpcb;
+ if (!serv->sv_shutdown)
+ serv->sv_shutdown = svc_rpcb_cleanup;
+ }
```

```
    return serv;
+
+err_rpcb:
+ kfree(serv->sv_pools);
+err_serv:
+ kfree(serv);
+ return NULL;
}
```

```
struct svc_serv *
```
