
Subject: [PATCH v7 5/7] SUNRPC: cleanup service destruction
Posted by Stanislav Kinsbursky on Fri, 28 Oct 2011 10:53:31 GMT
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svc_unregister() call have to be removed from svc_destroy() since it will be called in sv_shutdown callback.

This also means, that we have to call svc_rpcb_cleanup() explicitly from nfsd_last_thread() since this function is registered as service shutdown callback and thus nobody else will done it for us.

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

```
fs/nfsd/nfssvc.c      |  2 ++
include/linux/sunrpc/svc.h |  1 +
net/sunrpc/svc.c      |  4 +---
3 files changed, 5 insertions(+), 2 deletions(-)
```

```
diff --git a/fs/nfsd/nfssvc.c b/fs/nfsd/nfssvc.c
index dc5a1bf..52cd976 100644
--- a/fs/nfsd/nfssvc.c
+++ b/fs/nfsd/nfssvc.c
@@ -256,6 +256,8 @@ static void nfsd_last_thread(struct svc_serv *serv)
    nfsd_serv = NULL;
    nfsd_shutdown();

+ svc_rpcb_cleanup(serv);
+
 printk(KERN_WARNING "nfsd: last server has exited, flushing export "
       "cache\n");
 nfsd_export_flush();
diff --git a/include/linux/sunrpc/svc.h b/include/linux/sunrpc/svc.h
index 223588a..5e71a30 100644
--- a/include/linux/sunrpc/svc.h
+++ b/include/linux/sunrpc/svc.h
@@ -401,6 +401,7 @@ struct svc_procedure {
/*
 * Function prototypes.
 */
+void svc_rpcb_cleanup(struct svc_serv *serv);
struct svc_serv *svc_create(struct svc_program *, unsigned int,
                           void (*shutdown)(struct svc_serv *));
struct svc_rqst *svc_prepare_thread(struct svc_serv *serv,
diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
index 87a67b2..96df2ba 100644
--- a/net/sunrpc/svc.c
+++ b/net/sunrpc/svc.c
@@ -367,11 +367,12 @@ static int svc_rpcb_setup(struct svc_serv *serv)
```

```
return 0;
}

-static void svc_rpcb_cleanup(struct svc_serv *serv)
+void svc_rpcb_cleanup(struct svc_serv *serv)
{
    svc_unregister(serv);
    rpcb_put_local();
}
+EXPORT_SYMBOL_GPL(svc_rpcb_cleanup);

static int svc_uses_rpcbind(struct svc_serv *serv)
{
@@ -531,7 +532,6 @@ svc_destroy(struct svc_serv *serv)
    if (svc_serv_is_pooled(serv))
        svc_pool_map_put();

- svc_unregister(serv);
    kfree(serv->sv_pools);
    kfree(serv);
}
```
