

---

Subject: [PATCH 1/4] SUNRPC: clear svc pools lists helper introduced

Posted by [Stanislav Kinsbursky](#) on Wed, 25 Jan 2012 13:47:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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](mailto: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_nrpools; 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, xpt_ready);
```

```
+ list_for_each_entry_safe(xprt, tmp, &pool->sp_sockets, xpt_ready) {
 list_del_init(&xprt->xpt_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_permssocks);
+
+ 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
```

---