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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](mailto:skinsbursky@parallels.com)>

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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\_permsocks);

-

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
```

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