
Subject: [PATCH 6/7] SUNRPC: register service on creation in current network namespace

Posted by Stanislav Kinsbursky on Thu, 15 Dec 2011 16:03:01 GMT

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Service, using rpcbind (Lockd, NFSd) are starting from userspace call and thus we can use current network namespace.

There could be a problem with NFSd service, because it's creation can be called through NFSd fs from different network namespace. But this is a part of "NFSd per net ns" task and will be fixed in future.

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```
net/sunrpc/svc.c |  9 ++++++--  
1 files changed, 5 insertions(+), 4 deletions(-)
```

```
diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c  
index 137475a..578f962 100644  
--- a/net/sunrpc/svc.c  
+++ b/net/sunrpc/svc.c  
@@ -20,6 +20,7 @@  
 #include <linux/module.h>  
 #include <linux/kthread.h>  
 #include <linux/slab.h>  
+#include <linux/nsproxy.h>  
  
#include <linux/sunrpc/types.h>  
#include <linux/sunrpc/xdr.h>  
@@ -366,16 +367,16 @@ svc_pool_for_cpu(struct svc_serv *serv, int cpu)  
     return &serv->sv_pools[pidx % serv->sv_nrpools];  
 }  
  
-static int svc_rpcb_setup(struct svc_serv *serv)  
+static int svc_rpcb_setup(struct svc_serv *serv, struct net *net)  
{  
    int err;  
  
-    err = rpcb_create_local(&init_net);  
+    err = rpcb_create_local(net);  
    if (err)  
        return err;  
  
    /* Remove any stale portmap registrations */  
-    svc_unregister(serv, &init_net);  
+    svc_unregister(serv, net);  
    return 0;  
}
```

```
@@ -468,7 +469,7 @@ __svc_create(struct svc_program *prog, unsigned int bufsize, int npools,
}

if (svc_uses_rpcbind(serv)) {
-    if (svc_rpcb_setup(serv) < 0) {
+    if (svc_rpcb_setup(serv, current->nsproxy->net_ns) < 0) {
        kfree(serv->sv_pools);
        kfree(serv);
        return NULL;
```
