

Subject: [PATCH 4/7] SUNRPC: parametrize local rpcbind clients creation with net ns

Posted by [Stanislav Kinsbursky](#) on Thu, 15 Dec 2011 16:01:27 GMT

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These client are per network namespace and thus can be created for different network namespaces.

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```
include/linux/sunrpc/clnt.h | 4 ++--
net/sunrpc/rpcb_clnt.c      | 7 +++----
net/sunrpc/svc.c            | 4 ++--
3 files changed, 7 insertions(+), 8 deletions(-)
```

diff --git a/include/linux/sunrpc/clnt.h b/include/linux/sunrpc/clnt.h

index 1e56469..5748807 100644

--- a/include/linux/sunrpc/clnt.h

+++ b/include/linux/sunrpc/clnt.h

```
@@ -136,8 +136,8 @@ void rpc_shutdown_client(struct rpc_clnt *);
void rpc_release_client(struct rpc_clnt *);
void rpc_task_release_client(struct rpc_task *);
```

```
-int rpcb_create_local(void);
```

```
-void rpcb_put_local(void);
```

```
+int rpcb_create_local(struct net *);
```

```
+void rpcb_put_local(struct net *);
```

```
int rpcb_register(struct net *, u32, u32, int, unsigned short);
```

```
int rpcb_v4_register(struct net *net, const u32 program,
                     const u32 version,
```

diff --git a/net/sunrpc/rpcb_clnt.c b/net/sunrpc/rpcb_clnt.c

index d94f188..4ce3a8e 100644

--- a/net/sunrpc/rpcb_clnt.c

+++ b/net/sunrpc/rpcb_clnt.c

```
@@ -175,9 +175,9 @@ static int rpcb_get_local(struct net *net)
    return cnt;
}
```

```
-void rpcb_put_local(void)
```

```
+void rpcb_put_local(struct net *net)
```

```
{
```

```
- struct sunrpc_net *sn = net_generic(&init_net, sunrpc_net_id);
```

```
+ struct sunrpc_net *sn = net_generic(net, sunrpc_net_id);
```

```
    struct rpc_clnt *clnt = sn->rpcb_local_clnt;
```

```
    struct rpc_clnt *clnt4 = sn->rpcb_local_clnt4;
```

```
    int shutdown;
```

```
@@ -323,11 +323,10 @@ out:
```

```

* Returns zero on success, otherwise a negative errno value
* is returned.
*/
-int rpcb_create_local(void)
+int rpcb_create_local(struct net *net)
{
    static DEFINE_MUTEX(rpcb_create_local_mutex);
    int result = 0;
- struct net *net = &init_net;

    if (rpcb_get_local(net))
        return result;
diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
index e9c42ad..03e9f04 100644
--- a/net/sunrpc/svc.c
+++ b/net/sunrpc/svc.c
@@ -370,7 +370,7 @@ static int svc_rpcb_setup(struct svc_serv *serv)
{
    int err;

- err = rpcb_create_local();
+ err = rpcb_create_local(&init_net);
    if (err)
        return err;

@@ -382,7 +382,7 @@ static int svc_rpcb_setup(struct svc_serv *serv)
void svc_rpcb_cleanup(struct svc_serv *serv)
{
    svc_unregister(serv);
- rpcb_put_local();
+ rpcb_put_local(&init_net);
}
EXPORT_SYMBOL_GPL(svc_rpcb_cleanup);

```
