
Subject: [PATCH v2 3/6] NFS: pass NFS client owner network namespace to RPC client creation routine

Posted by [Stanislav Kinsbursky](#) on Tue, 10 Jan 2012 12:12:54 GMT

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This patch replaces static "init_net" with nfs_client->net pointer in RPC client creation calls.

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

```
fs/nfs/client.c    | 2 +-
fs/nfs/internal.h  | 1 +
fs/nfs/mount_clnt.c | 4 +++
fs/nfs/super.c     | 1 +
4 files changed, 5 insertions(+), 3 deletions(-)
```

diff --git a/fs/nfs/client.c b/fs/nfs/client.c

index 4fb5cae..18153c2 100644

--- a/fs/nfs/client.c

+++ b/fs/nfs/client.c

```
@@ -642,7 +642,7 @@ static int nfs_create_rpc_client(struct nfs_client *clp,
{
    struct rpc_clnt *clnt = NULL;
    struct rpc_create_args args = {
- .net = &init_net,
+ .net = clp->net,
    .protocol = clp->cl_proto,
    .address = (struct sockaddr *)&clp->cl_addr,
    .addrlen = clp->cl_addrlen,
```

diff --git a/fs/nfs/internal.h b/fs/nfs/internal.h

index c60fa0b..e07627d 100644

--- a/fs/nfs/internal.h

+++ b/fs/nfs/internal.h

```
@@ -138,6 +138,7 @@ struct nfs_mount_request {
    int noresvport;
    unsigned int *auth_flav_len;
    rpc_authflavor_t *auth_flavs;
+ struct net *net;
};
```

```
extern int nfs_mount(struct nfs_mount_request *info);
```

diff --git a/fs/nfs/mount_clnt.c b/fs/nfs/mount_clnt.c

index d4c2d6b..4fbe3a8 100644

--- a/fs/nfs/mount_clnt.c

+++ b/fs/nfs/mount_clnt.c

```
@@ -153,7 +153,7 @@ int nfs_mount(struct nfs_mount_request *info)
    .rpc_resp = &result,
```

```

};
struct rpc_create_args args = {
- .net = &init_net,
+ .net = info->net,
  .protocol = info->protocol,
  .address = info->sap,
  .addrsz = info->salen,
@@ -225,7 +225,7 @@ void nfs_umount(const struct nfs_mount_request *info)
  .to_retries = 2,
};
struct rpc_create_args args = {
- .net = &init_net,
+ .net = info->net,
  .protocol = IPPROTO_UDP,
  .address = info->sap,
  .addrsz = info->salen,
diff --git a/fs/nfs/super.c b/fs/nfs/super.c
index 7495039..9395136 100644
--- a/fs/nfs/super.c
+++ b/fs/nfs/super.c
@@ -1612,6 +1612,7 @@ static int nfs_try_mount(struct nfs_parsed_mount_data *args,
  .nresvport = args->flags & NFS_MOUNT_NORESVPORT,
  .auth_flav_len = &server_authlist_len,
  .auth_flavs = server_authlist,
+ .net = args->net,
};
int status;

```
