Subject: [PATCH] NFS: decode destination address in proper network namespace context
Posted by Stanislav Kinsbursky on Thu, 19 Jan 2012 15:05:57 GMT
View Forum Message <> Reply to Message

This patch replaces "init_net" with NFS client's owner net in rpc_pton() call
in decode_ds_addr().

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

---
 fs/nfs/nfs4filelayoutdev.c | 7 ++++---
 1 files changed, 4 insertions(+), 3 deletions(-)

diff --git a/fs/nfs/nfs4filelayoutdev.c b/fs/nfs/nfs4filelayoutdev.c
index 0d8b952..6eb59b0 100644
--- a/fs/nfs/nfs4filelayoutdev.c
+++ b/fs/nfs/nfs4filelayoutdev.c
@@ -378,7 +378,7 @@ out:
  * Currently only supports ipv4, ipv6 and one multi-path address.
  */
 static struct nfs4_pnfs_ds_addr *
-decode_ds_addr(struct xdr_stream *streamp, gfp_t gfp_flags)
+decode_ds_addr(struct net *net, struct xdr_stream *streamp, gfp_t gfp_flags)
 {
  struct nfs4_pnfs_ds_addr *da = NULL;
  char *buf, *portstr;
@@ -457,7 +457,7 @@ decode_ds_addr(struct xdr_stream *streamp, gfp_t gfp_flags)

  INIT_LIST_HEAD(&da->da_node);

- if (!rpc_pton(&init_net, buf, portstr-buf, (struct sockaddr *)&da->da_addr,
+ if (!rpc_pton(net, buf, portstr-buf, (struct sockaddr *)&da->da_addr,
        sizeof(da->da_addr))) {
   dprintk("%s: error parsing address %s\n", __func__, buf);
   goto out_free_da;
@@ -625,7 +625,8 @@ decode_device(struct inode *ino, struct pnfs_device *pdev, gfp_t
gfp_flags)

   mp_count = be32_to_cpup(p); /* multipath count */
   for (j = 0; j < mp_count; j++) {
-   da = decode_ds_addr(&stream, gfp_flags);
+   da = decode_ds_addr(NFS_SERVER(ino)->nfs_client->net,
+   &stream, gfp_flags);
    if (da)
     list_add_tail(&da->da_node, &dsaddrs);
   }