
Subject: [PATCH] NFS: decode destination address in proper network namespace context

Posted by [Stanislav Kinsbursky](#) on Thu, 19 Jan 2012 15:05:57 GMT

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

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```
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 *stream, gfp_t gfp_flags)
```

```
+decode_ds_addr(struct net *net, struct xdr_stream *stream, gfp_t gfp_flags)
```

```
{
```

```
    struct nfs4_pnfs_ds_addr *da = NULL;
```

```
    char *buf, *portstr;
```

```
@@ -457,7 +457,7 @@ decode_ds_addr(struct xdr_stream *stream, 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);
```

```
    }
```