
Subject: [PATCH v4 08/10] NFS: make nfs_callback_tcpport6 per network context
Posted by [Stanislav Kinsbursky](#) on Mon, 20 Aug 2012 14:00:41 GMT
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Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

```
fs/nfs/callback.c | 6 ++----
fs/nfs/callback.h | 1 -
fs/nfs/netns.h    | 1 +
fs/nfs/nfs4state.c | 2 +-
4 files changed, 4 insertions(+), 6 deletions(-)
```

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

index 94aa9d8..baafa0f 100644

--- a/fs/nfs/callback.c

+++ b/fs/nfs/callback.c

```
@@ -38,8 +38,6 @@ static struct nfs_callback_data
nfs_callback_info[NFS4_MAX_MINOR_VERSION + 1];
static DEFINE_MUTEX(nfs_callback_mutex);
static struct svc_program nfs4_callback_program;
```

```
-unsigned short nfs_callback_tcpport6;
```

-

```
static int nfs4_callback_up_net(struct svc_serv *serv, struct net *net)
```

```
{
    int ret;
@@ -56,9 +54,9 @@ static int nfs4_callback_up_net(struct svc_serv *serv, struct net *net)
    ret = svc_create_xprt(serv, "tcp", net, PF_INET6,
        nfs_callback_set_tcpport, SVC_SOCKET_ANONYMOUS);
    if (ret > 0) {
-    nfs_callback_tcpport6 = ret;
+    nn->nfs_callback_tcpport6 = ret;
        dprintk("NFS: Callback listener port = %u (af %u, net %p)\n",
-        nfs_callback_tcpport6, PF_INET6, net);
+        nn->nfs_callback_tcpport6, PF_INET6, net);
    } else if (ret != -EAFNOSUPPORT)
        goto out_err;
    return 0;
```

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

index 1c167d1..c07a8d4 100644

--- a/fs/nfs/callback.h

+++ b/fs/nfs/callback.h

```
@@ -208,6 +208,5 @@ extern int nfs4_set_callback_sessionid(struct nfs_client *clp);
#define NFS41_BC_MAX_CALLBACKS 1
```

```
extern unsigned int nfs_callback_set_tcpport;
```

```
-extern unsigned short nfs_callback_tcpport6;
```

```

#endif /* __LINUX_FS_NFS_CALLBACK_H */
diff --git a/fs/nfs/netns.h b/fs/nfs/netns.h
index 1538d3a..137238b 100644
--- a/fs/nfs/netns.h
+++ b/fs/nfs/netns.h
@@ -23,6 +23,7 @@ struct nfs_net {
 #if IS_ENABLED(CONFIG_NFS_V4)
     struct idr cb_ident_idr; /* Protected by nfs_client_lock */
     unsigned short nfs_callback_tcpport;
+ unsigned short nfs_callback_tcpport6;
 #endif
     spinlock_t nfs_client_lock;
     struct timespec boot_time;
diff --git a/fs/nfs/nfs4state.c b/fs/nfs/nfs4state.c
index afd06b4..2042bf0 100644
--- a/fs/nfs/nfs4state.c
+++ b/fs/nfs/nfs4state.c
@@ -80,7 +80,7 @@ int nfs4_init_clientid(struct nfs_client *clp, struct rpc_cred *cred)
     goto do_confirm;
     port = nn->nfs_callback_tcpport;
     if (clp->cl_addr.ss_family == AF_INET6)
- port = nfs_callback_tcpport6;
+ port = nn->nfs_callback_tcpport6;

     status = nfs4_proc_setclientid(clp, NFS4_CALLBACK, port, cred, &clid);
     if (status != 0)

```
