Subject: [PATCH 08/10] NFS: make nfs_callback_tcpport6 per network context
Posted by Stanislav Kinsbursky on Thu, 26 Apr 2012 15:55:49 GMT
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---
 fs/nfs/callback.c | 5 ++---
 fs/nfs/callback.h | 1 -
 fs/nfs/netns.h | 1 +
 fs/nfs/nfs4state.c | 2 +-
 4 files changed, 4 insertions(+), 5 deletions(-)

```
diff --git a/fs/nfs/callback.c b/fs/nfs/callback.c
index a587c61..3f1b5d1 100644
--- a/fs/nfs/callback.c
+++ b/fs/nfs/callback.c
@@ -40,7 +40,6 @@ static DEFINE_MUTEX(nfs_callback_mutex);
 static struct svc_program nfs4_callback_program;

 unsigned int nfs_callback_set_tcpport;
-unsigned short nfs_callback_tcpport6;
 #define NFS_CALLBACK_MAXPORTNR (65535U)

 static int param_set_portnr(const char *val, const struct kernel_param *kp)
@@ -80,9 +79,9 @@ 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_SOCK_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 8006959..86b5671 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 8e4e8f8..bd72a55 100644
--- a/fs/nfs/netns.h
+++ b/fs/nfs/netns.h
@@ -19,6 +19,7 @@ struct nfs_net {
 #ifdef 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;
 };
diff --git a/fs/nfs/nfs4state.c b/fs/nfs/nfs4state.c
index 5d68b3b..bee4bc1 100644
--- a/fs/nfs/nfs4state.c
+++ b/fs/nfs/nfs4state.c
@@ -79,7 +79,7 @@ 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)
```