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Subject: [PATCH v2 08/12] NFS: make nfs\_callback\_tcpport6 per network context  
Posted by [Stanislav Kinsbursky](#) on Tue, 22 May 2012 07:36:46 GMT  
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Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

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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 9380184..d25085f 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_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 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)

```

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