
Subject: [PATCH v4 07/10] NFS: make nfs_callback_tcpport per network context
Posted by [Stanislav Kinsbursky](#) on Mon, 20 Aug 2012 14:00:36 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 | 4 +++-
4 files changed, 8 insertions(+), 4 deletions(-)
```

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

index 64e87ec..94aa9d8 100644

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

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

@@ -23,6 +23,7 @@

#include "nfs4_fs.h"

#include "callback.h"

#include "internal.h"

+#include "netns.h"

#define NFSDBG_FACILITY NFSDBG_CALLBACK

@@ -42,14 +43,15 @@ unsigned short nfs_callback_tcpport6;

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

{

int ret;

+ struct nfs_net *nn = net_generic(net, nfs_net_id);

ret = svc_create_xprt(serv, "tcp", net, PF_INET,
nfs_callback_set_tcpport, SVC_SOCKET_ANONYMOUS);

if (ret <= 0)

goto out_err;

- nfs_callback_tcpport = ret;

+ nn->nfs_callback_tcpport = ret;

dprintk("NFS: Callback listener port = %u (af %u, net %p)\n",

- nfs_callback_tcpport, PF_INET, net);

+ nn->nfs_callback_tcpport, PF_INET, net);

ret = svc_create_xprt(serv, "tcp", net, PF_INET6,
nfs_callback_set_tcpport, SVC_SOCKET_ANONYMOUS);

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

index 3094044..1c167d1 100644

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

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

@@ -208,7 +208,6 @@ 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_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 0539de1..1538d3a 100644
--- a/fs/nfs/netns.h
+++ b/fs/nfs/netns.h
@@ -22,6 +22,7 @@ struct nfs_net {
    struct list_head nfs_volume_list;
    #if IS_ENABLED(CONFIG_NFS_V4)
    struct idr cb_ident_idr; /* Protected by nfs_client_lock */
+ unsigned short nfs_callback_tcpport;
#endif
    spinlock_t nfs_client_lock;
    struct timespec boot_time;
diff --git a/fs/nfs/nfs4state.c b/fs/nfs/nfs4state.c
index 55148de..afd06b4 100644
--- a/fs/nfs/nfs4state.c
+++ b/fs/nfs/nfs4state.c
@@ -56,6 +56,7 @@
#include "delegation.h"
#include "internal.h"
#include "pnfs.h"
+#include "netns.h"

#define NFSDBG_FACILITY NFSDBG_STATE

@@ -73,10 +74,11 @@ int nfs4_init_clientid(struct nfs_client *clp, struct rpc_cred *cred)
};
    unsigned short port;
    int status;
+ struct nfs_net *nn = net_generic(clp->cl_net, nfs_net_id);

    if (test_bit(NFS4CLNT_LEASE_CONFIRM, &clp->cl_state))
        goto do_confirm;
- port = nfs_callback_tcpport;
+ port = nn->nfs_callback_tcpport;
    if (clp->cl_addr.ss_family == AF_INET6)
        port = nfs_callback_tcpport6;

```
