
Subject: [patch 1/1][NETNS49] Make af_unix autobind per network namespace
Posted by Daniel Lezcano on Tue, 02 Oct 2007 15:18:47 GMT

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This patch changes the static ordernum variable to be relative to the network namespace.

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```
include/net/net_namespace.h | 1 +
net/unix/af_unix.c       | 5 +----
2 files changed, 5 insertions(+), 1 deletion(-)
```

Index: linux-2.6-netns/include/net/net_namespace.h

```
=====
--- linux-2.6-netns.orig/include/net/net_namespace.h
+++ linux-2.6-netns/include/net/net_namespace.h
@@ -60,6 +60,7 @@ struct net {
 /* AF_UNIX */
 int sysctl_unix_max_dgram_qlen;
 void *unix_sysctl;
+u32 ordernum;
```

```
/* XFRM */
u32 sysctl_xfrm_aevent_etime;
```

Index: linux-2.6-netns/net/unix/af_unix.c

```
=====
--- linux-2.6-netns.orig/net/unix/af_unix.c
+++ linux-2.6-netns/net/unix/af_unix.c
@@ -681,8 +681,8 @@ static int unix_autobind(struct socket *
 struct sock *sk = sock->sk;
 struct net *net = sk->sk_net;
 struct unix_sock *u = unix_sk(sk);
- static u32 ordernum = 1;
- struct unix_address * addr;
+ u32 ordernum = net->ordernum;
 int err;
```

```
 mutex_lock(&u->readlock);
```

```
@@ -720,6 +720,7 @@ retry:
```

```
 u->addr = addr;
```

```
 __unix_insert_socket(&unix_socket_table[addr->hash], sk);
```

```
 spin_unlock(&unix_table_lock);
```

```
+ net->ordernum = ordernum;
```

```
 err = 0;
```

```
 out: mutex_unlock(&u->readlock);
```

```
@@ -2164,6 +2165,8 @@ static int unix_net_init(struct net *net
```

```
int error = -ENOMEM;

net->sysctl_unix_max_dgram_qlen = 10;
+ net->ordernum = 1;
+
#ifndef CONFIG_PROC_FS
if (!proc_net_fops_create(net, "unix", 0, &unix_seq_fops))
    goto out;

--
```

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