Subject: [PATCH 2/2 net-2.6.25] [NETNS] Process inet_confirm_addr in the correct namespace.
Posted by den on Mon, 14 Jan 2008 14:04:41 GMT
View Forum Message <> Reply to Message

inet_confirm_addr can be called with NULL in_dev from arp_ignore iff
scope is RT_SCOPE_LINK.

Lets always pass the device and check for RT_SCOPE_LINK scope inside
inet_confirm_addr. This let us take network namespace from in_device a
need for an additional argument.

Signed-off-by: Denis V. Lunev <den@openvz.org>
---
 net/ipv4/arp.c | 1 -
 net/ipv4/devinet.c | 6 ++++--
 2 files changed, 4 insertions(+), 3 deletions(-)

```
diff --git a/net/ipv4/arp.c b/net/ipv4/arp.c
index f38e1a9..b715ec0 100644
--- a/net/ipv4/arp.c
+++ b/net/ipv4/arp.c
@@ -402,7 +400,6 @@ static int arp_ignore(struct in_device *in_dev, __be32 sip, __be32 tip)
  case 3: /* Do not reply for scope host addresses */
   sip = 0;
   scope = RT_SCOPE_LINK;
-  in_dev = NULL;
   break;
  case 4: /* Reserved */
  case 5:
diff --git a/net/ipv4/devinet.c b/net/ipv4/devinet.c
index dc1665a..4569c69 100644
--- a/net/ipv4/devinet.c
+++ b/net/ipv4/devinet.c
@@ -978,13 +978,15 @@ __be32 inet_confirm_addr(struct in_device *in_dev,
 {
  __be32 addr = 0;
  struct net_device *dev;
+ struct net *net;

- if (in_dev != NULL)
+ if (scope != RT_SCOPE_LINK)
   return confirm_addr_indev(in_dev, dst, local, scope);

+ net = in_dev->dev->nd_net;
  read_lock(&dev_base_lock);
  rcu_read_lock();
- for_each_netdev(&init_net, dev) {
```

```
+ for_each_netdev(net, dev) {
   if ((in_dev = __in_dev_get_rcu(dev))) {
    addr = confirm_addr_indev(in_dev, dst, local, scope);
    if (addr)
--
1.5.3.rc5
```