
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

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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
