
Subject: [PATCH 2/8 net-2.6.25] [NETNS] Make arp code network namespace consistent.

Posted by [den](#) on Mon, 14 Jan 2008 14:59:55 GMT

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Some calls in the arp.c have network namespace as an argument. Getting init_net inside these functions is simply inconsistent. Fix this.

Signed-off-by: Denis V. Lunev <den@openvz.org>

net/ipv4/arp.c | 8 +++++++
1 files changed, 4 insertions(+), 4 deletions(-)

```
diff --git a/net/ipv4/arp.c b/net/ipv4/arp.c  
index 49c24ff..0db7d49 100644  
--- a/net/ipv4/arp.c  
+++ b/net/ipv4/arp.c  
@@ -969,13 +969,13 @@ static int arp_req_set_public(struct net *net, struct arpreq *r,  
if (mask && mask != htonl(0xFFFFFFFF))  
    return -EINVAL;  
if (!dev && (r->arp_flags & ATF_COM)) {  
- dev = dev_getbyhwaddr(&init_net, r->arp_ha.sa_family,  
+ dev = dev_getbyhwaddr(net, r->arp_ha.sa_family,  
    r->arp_ha.sa_data);  
if (!dev)  
    return -ENODEV;  
}  
if (mask) {  
- if (pneigh_lookup(&arp_tbl, &init_net, &ip, dev, 1) == NULL)  
+ if (pneigh_lookup(&arp_tbl, net, &ip, dev, 1) == NULL)  
    return -ENOBUFS;  
    return 0;  
}  
@@ -1084,7 +1084,7 @@ static int arp_req_delete_public(struct net *net, struct arpreq *r,  
__be32 mask = ((struct sockaddr_in *)&r->arp_netmask)->sin_addr.s_addr;  
  
if (mask == htonl(0xFFFFFFFF))  
- return pneigh_delete(&arp_tbl, &init_net, &ip, dev);  
+ return pneigh_delete(&arp_tbl, net, &ip, dev);  
  
if (mask)  
    return -EINVAL;  
@@ -1162,7 +1162,7 @@ int arp_ioctl(struct net *net, unsigned int cmd, void __user *arg)  
rtnl_lock();  
if (r.arp_dev[0]) {  
    err = -ENODEV;  
- if ((dev = __dev_get_by_name(&init_net, r.arp_dev)) == NULL)  
+ if ((dev = __dev_get_by_name(net, r.arp_dev)) == NULL)
```

```
goto out;  
/* Mmmm... It is wrong... ARPHRD_NETROM==0 */  
--  
1.5.3.rc5
```
