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

Posted by [den](#) on Mon, 14 Jan 2008 13:48:20 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)

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