
Subject: [PATCH 4/8 net-2.6.25] [ARP] Remove overkill checks from
neigh_param_alloc.

Posted by [den](#) on Mon, 14 Jan 2008 14:59:57 GMT

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Valid network device is always passed into neigh_param_alloc, so remove
extra checking for dev == NULL. Additionally, cleanup bogus netns assignment.

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net/core/neighbour.c | 18 ++++++-----

1 files changed, 7 insertions(+), 11 deletions(-)

diff --git a/net/core/neighbour.c b/net/core/neighbour.c

index af49137..32f1a23 100644

--- a/net/core/neighbour.c

+++ b/net/core/neighbour.c

@@ -1301,10 +1301,7 @@ struct neigh_parms *neigh_parms_alloc(struct net_device *dev,
struct neigh_parms *p, *ref;
struct net *net;

- net = &init_net;

- if (dev)

- net = dev->nd_net;

-

+ net = dev->nd_net;

ref = lookup_neigh_params(tbl, net, 0);

if (!ref)

return NULL;

@@ -1316,15 +1313,14 @@ struct neigh_parms *neigh_parms_alloc(struct net_device *dev,
INIT_RCU_HEAD(&p->rcu_head);

p->reachable_time =

neigh_rand_reach_time(p->base_reachable_time);

- if (dev) {

- if (dev->neigh_setup && dev->neigh_setup(dev, p)) {

- kfree(p);

- return NULL;

- }

- dev_hold(dev);

- p->dev = dev;

+ if (dev->neigh_setup && dev->neigh_setup(dev, p)) {

+ kfree(p);

+ return NULL;

}

+

+ dev_hold(dev);

```
+ p->dev = dev;  
  p->net = hold_net(net);  
  p->sysctl_table = NULL;  
  write_lock_bh(&tbl->lock);  
--
```

1.5.3.rc5
