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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);
```

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1.5.3.rc5

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