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Subject: [PATCH 5/6 net-2.6.25] [NETNS] Pass correct namespace in  
ip\_route\_input\_slow.

Posted by [den](#) on Mon, 21 Jan 2008 14:50:45 GMT

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The packet on the input path always has a reference to an input network  
device it is passed from. Extract network namespace from it.

Signed-off-by: Denis V. Lunev <[den@openvz.org](mailto:den@openvz.org)>

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net/ipv4/route.c | 7 ++++---

1 files changed, 4 insertions(+), 3 deletions(-)

diff --git a/net/ipv4/route.c b/net/ipv4/route.c

index c107bc3..b3c6122 100644

--- a/net/ipv4/route.c

+++ b/net/ipv4/route.c

```
@@ -1881,6 +1881,7 @@ static int ip_route_input_slow(struct sk_buff *skb, __be32 daddr,
__be32 saddr,
__be32 spec_dst;
int err = -EINVAL;
int free_res = 0;
+ struct net *net = dev->nd_net;
```

```
/* IP on this device is disabled. */
```

```
@@ -1911,7 +1912,7 @@ static int ip_route_input_slow(struct sk_buff *skb, __be32 daddr,
__be32 saddr,
```

```
/*
```

```
 * Now we are ready to route packet.
```

```
*/
```

```
- if ((err = fib_lookup(&init_net, &fl, &res)) != 0) {
```

```
+ if ((err = fib_lookup(net, &fl, &res)) != 0) {
```

```
    if (!IN_DEV_FORWARD(in_dev))
```

```
        goto e_hostunreach;
```

```
    goto no_route;
```

```
@@ -1926,7 +1927,7 @@ static int ip_route_input_slow(struct sk_buff *skb, __be32 daddr,
__be32 saddr,
```

```
    if (res.type == RTN_LOCAL) {
```

```
        int result;
```

```
        result = fib_validate_source(saddr, daddr, tos,
```

```
-        init_net.loopback_dev->ifindex,
```

```
+        net->loopback_dev->ifindex,
```

```
        dev, &spec_dst, &itag);
```

```
        if (result < 0)
```

```
            goto martian_source;
```

```
@@ -1988,7 +1989,7 @@ local_input:
```

```
#endif
```

```
rth->rt_iif =  
rth->fl.iif = dev->ifindex;  
- rth->u.dst.dev = init_net.loopback_dev;  
+ rth->u.dst.dev = net->loopback_dev;  
  dev_hold(rth->u.dst.dev);  
  rth->idev = in_dev_get(rth->u.dst.dev);  
  rth->rt_gateway = daddr;  
--
```

1.5.3.rc5

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