
Subject: [PATCH 4/6 net-2.6.25] [NETNS] Pass correct namespace in context
fib_check_nh.

Posted by [den](#) on Mon, 21 Jan 2008 14:50:44 GMT

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Correct network namespace is already used in fib_check_nh. Re-work its usage
for better readability and pass into fib_lookup & inetdev_by_index.

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

net/ipv4/fib_semantics.c | 12 ++++++-----
1 files changed, 6 insertions(+), 6 deletions(-)

```
diff --git a/net/ipv4/fib_semantics.c b/net/ipv4/fib_semantics.c
index 8b47e11..c791286 100644
--- a/net/ipv4/fib_semantics.c
+++ b/net/ipv4/fib_semantics.c
@@ -519,7 +519,9 @@ static int fib_check_nh(struct fib_config *cfg, struct fib_info *fi,
    struct fib_nh *nh)
{
    int err;
+   struct net *net;

+   net = cfg->fc_nlinfo.nl_net;
    if (nh->nh_gw) {
        struct fib_result res;

@@ -532,11 +534,9 @@ static int fib_check_nh(struct fib_config *cfg, struct fib_info *fi,
        if (cfg->fc_scope >= RT_SCOPE_LINK)
            return -EINVAL;
-   if (inet_addr_type(cfg->fc_nlinfo.nl_net,
-   nh->nh_gw) != RTN_UNICAST)
+   if (inet_addr_type(net, nh->nh_gw) != RTN_UNICAST)
        return -EINVAL;
-   if ((dev = __dev_get_by_index(cfg->fc_nlinfo.nl_net,
-   nh->nh_oif)) == NULL)
+   if ((dev = __dev_get_by_index(net, nh->nh_oif)) == NULL)
        return -ENODEV;
        if (!(dev->flags&IFF_UP))
            return -ENETDOWN;
@@ -559,7 +559,7 @@ static int fib_check_nh(struct fib_config *cfg, struct fib_info *fi,
 /* It is not necessary, but requires a bit of thinking */
    if (fl.fl4_scope < RT_SCOPE_LINK)
        fl.fl4_scope = RT_SCOPE_LINK;
-   if ((err = fib_lookup(&init_net, &fl, &res)) != 0)
+   if ((err = fib_lookup(net, &fl, &res)) != 0)
        return err;
```

```
    }
    err = -EINVAL;
@@ -583,7 +583,7 @@ out:
if (nh->nh_flags&(RTNH_F_PERVASIVE|RTNH_F_ONLINK))
    return -EINVAL;

- in_dev = inetdev_by_index(&init_net, nh->nh_oif);
+ in_dev = inetdev_by_index(net, nh->nh_oif);
if (in_dev == NULL)
    return -ENODEV;
if (!(in_dev->dev->flags&IFF_UP)) {
```

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1.5.3.rc5
