
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

[View Forum Message](#) <> [Reply to Message](#)

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_nlnfo.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_nlnfo.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_nlnfo.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)) {
--
1.5.3.rc5
```
