
Subject: [PATCH 10/12 net-2.6.25] [NETNS]: Correct namespace for connect-time routing.

Posted by [den](#) on Wed, 23 Jan 2008 07:46:25 GMT

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

ip_route_connect and ip_route_newports are a part of routing API presented to the socket layer. The namespace is available inside them through a socket.

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

```
include/net/route.h |  8 ++++++  
1 files changed, 5 insertions(+), 3 deletions(-)
```

```
diff --git a/include/net/route.h b/include/net/route.h
```

```
index d9b876a..1985d82 100644
```

```
--- a/include/net/route.h
```

```
+++ b/include/net/route.h
```

```
@@ -33,6 +33,7 @@
```

```
#include <linux/ip.h>
```

```
#include <linux/cache.h>
```

```
#include <linux/security.h>
```

```
+#include <net/sock.h>
```

```
#ifndef __KERNEL__
```

```
#warning This file is not supposed to be used outside of kernel.
```

```
@@ -157,8 +158,9 @@ static inline int ip_route_connect(struct rtable **rp, __be32 dst,  
        .dport = dport } } };
```

```
    int err;
```

```
    + struct net *net = sk->sk_net;
```

```
    if (!dst || !src) {
```

```
        - err = __ip_route_output_key(&init_net, rp, &fl);
```

```
        + err = __ip_route_output_key(net, rp, &fl);
```

```
        if (err)
```

```
            return err;
```

```
        fl.fl4_dst = (*rp)->rt_dst;
```

```
    @@ -167,7 +169,7 @@ static inline int ip_route_connect(struct rtable **rp, __be32 dst,  
        *rp = NULL;
```

```
    }
```

```
    security_sk_classify_flow(sk, &fl);
```

```
    - return ip_route_output_flow(&init_net, rp, &fl, sk, flags);
```

```
    + return ip_route_output_flow(net, rp, &fl, sk, flags);
```

```
    }
```

```
static inline int ip_route_newports(struct rtable **rp, u8 protocol,
```

```
    @@ -184,7 +186,7 @@ static inline int ip_route_newports(struct rtable **rp, u8 protocol,
```

```
        ip_rt_put(*rp);
```

```
        *rp = NULL;
```

```
security_sk_classify_flow(sk, &fl);
- return ip_route_output_flow(&init_net, rp, &fl, sk, 0);
+ return ip_route_output_flow(sk->sk_net, rp, &fl, sk, 0);
}
return 0;
}
--
```

1.5.3.rc5
