
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

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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
```
