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Subject: [PATCH net-2.6.25 17/19] [NETNS] Pass namespace through ip\_rt\_ioctl.  
Posted by [den](#) on Wed, 19 Dec 2007 15:23:19 GMT  
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... up to rtenry\_to\_fib\_config

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

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```
include/net/route.h    | 2 +-
net/ipv4/af_inet.c     | 2 +-
net/ipv4/fib_frontend.c | 8 +++++-
net/ipv4/ipconfig.c    | 2 +-
4 files changed, 7 insertions(+), 7 deletions(-)
```

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

index b777000..5847e6f 100644

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

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

```
@@ -120,7 +120,7 @@ extern void ip_rt_send_redirect(struct sk_buff *skb);
extern unsigned inet_addr_type(struct net *net, __be32 addr);
extern unsigned inet_dev_addr_type(struct net *net, const struct net_device *dev, __be32 addr);
extern void ip_rt_multicast_event(struct in_device *);
-extern int ip_rt_ioctl(unsigned int cmd, void __user *arg);
+extern int ip_rt_ioctl(struct net *, unsigned int cmd, void __user *arg);
extern void ip_rt_get_source(u8 *src, struct rtable *rt);
extern int ip_rt_dump(struct sk_buff *skb, struct netlink_callback *cb);
```

diff --git a/net/ipv4/af\_inet.c b/net/ipv4/af\_inet.c

index 6fac905..f0968a1 100644

--- a/net/ipv4/af\_inet.c

+++ b/net/ipv4/af\_inet.c

```
@@ -793,7 +793,7 @@ int inet_ioctl(struct socket *sock, unsigned int cmd, unsigned long arg)
    case SIOCADDRT:
    case SIOCDELRT:
    case SIOCRTMSG:
-   err = ip_rt_ioctl(cmd, (void __user *)arg);
+   err = ip_rt_ioctl(sk->sk_net, cmd, (void __user *)arg);
    break;
    case SIOCDDARP:
    case SIOCGARP:
```

diff --git a/net/ipv4/fib\_frontend.c b/net/ipv4/fib\_frontend.c

index cecb660..a5c47fc 100644

--- a/net/ipv4/fib\_frontend.c

+++ b/net/ipv4/fib\_frontend.c

```
@@ -437,7 +437,7 @@ static int rtenry_to_fib_config(struct net *net, int cmd, struct rtenry *rt,
 * Handle IP routing ioctl calls. These are used to manipulate the routing tables
 */
```

```

-int ip_rt_ioctl(unsigned int cmd, void __user *arg)
+int ip_rt_ioctl(struct net *net, unsigned int cmd, void __user *arg)
{
    struct fib_config cfg;
    struct rentry rt;
@@ -453,18 +453,18 @@ int ip_rt_ioctl(unsigned int cmd, void __user *arg)
    return -EFAULT;

    rtnl_lock();
- err = rentry_to_fib_config(&init_net, cmd, &rt, &cfg);
+ err = rentry_to_fib_config(net, cmd, &rt, &cfg);
    if (err == 0) {
        struct fib_table *tb;

        if (cmd == SIOCDELRT) {
- tb = fib_get_table(&init_net, cfg.fc_table);
+ tb = fib_get_table(net, cfg.fc_table);
            if (tb)
                err = tb->tb_delete(tb, &cfg);
            else
                err = -ESRCH;
        } else {
- tb = fib_new_table(&init_net, cfg.fc_table);
+ tb = fib_new_table(net, cfg.fc_table);
            if (tb)
                err = tb->tb_insert(tb, &cfg);
            else
diff --git a/net/ipv4/ipconfig.c b/net/ipv4/ipconfig.c
index 7288adb..7a89247 100644
--- a/net/ipv4/ipconfig.c
+++ b/net/ipv4/ipconfig.c
@@ -302,7 +302,7 @@ static int __init ic_route_ioctl(unsigned int cmd, struct rentry *arg)

    mm_segment_t oldfs = get_fs();
    set_fs(get_ds());
- res = ip_rt_ioctl(cmd, (void __user *) arg);
+ res = ip_rt_ioctl(&init_net, cmd, (void __user *) arg);
    set_fs(oldfs);
    return res;
}
--
1.5.3.rc5

```

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