
Subject: [PATCH 5/11 net-2.6.26] [NETNS]: Add namespace parameter to ip_cmsg_send.

Posted by [den](#) on Mon, 24 Mar 2008 14:36:06 GMT

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Pass the init_net there for now.

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

```
---
include/net/ip.h      | 3 +-
net/ipv4/ip_sockglue.c | 4 +---
net/ipv4/raw.c       | 2 +-
net/ipv4/udp.c       | 2 +-
4 files changed, 6 insertions(+), 5 deletions(-)
```

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

```
index 531270d..6d7bcd5 100644
```

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

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

```
@@ -362,7 +362,8 @@ extern int ip_options_rcv_srr(struct sk_buff *skb);
*/
```

```
extern void ip_cmsg_rcv(struct msghdr *msg, struct sk_buff *skb);
-extern int ip_cmsg_send(struct msghdr *msg, struct ipcm_cookie *ipc);
+extern int ip_cmsg_send(struct net *net,
+ struct msghdr *msg, struct ipcm_cookie *ipc);
extern int ip_setsockopt(struct sock *sk, int level, int optname, char __user *optval, int optlen);
extern int ip_getsockopt(struct sock *sk, int level, int optname, char __user *optval, int __user
*optlen);
```

```
extern int compat_ip_setsockopt(struct sock *sk, int level,
```

```
diff --git a/net/ipv4/ip_sockglue.c b/net/ipv4/ip_sockglue.c
```

```
index 1b86a50..0857f2d 100644
```

```
--- a/net/ipv4/ip_sockglue.c
```

```
+++ b/net/ipv4/ip_sockglue.c
```

```
@@ -163,7 +163,7 @@ void ip_cmsg_rcv(struct msghdr *msg, struct sk_buff *skb)
    ip_cmsg_rcv_security(msg, skb);
}
```

```
-int ip_cmsg_send(struct msghdr *msg, struct ipcm_cookie *ipc)
```

```
+int ip_cmsg_send(struct net *net, struct msghdr *msg, struct ipcm_cookie *ipc)
```

```
{
    int err;
    struct cmsghdr *cmsg;
@@ -176,7 +176,7 @@ int ip_cmsg_send(struct msghdr *msg, struct ipcm_cookie *ipc)
    switch (cmsg->cmsg_type) {
    case IP_RETOPTS:
        err = cmsg->cmsg_len - CMSG_ALIGN(sizeof(struct cmsghdr));
-    err = ip_options_get(&init_net, &ipc->opt, CMSG_DATA(cmsg), err < 40 ? err : 40);
```

```

+ err = ip_options_get(net, &ipc->opt, CMSG_DATA(cmsg), err < 40 ? err : 40);
  if (err)
    return err;
  break;
diff --git a/net/ipv4/raw.c b/net/ipv4/raw.c
index b433b48..7d29a05 100644
--- a/net/ipv4/raw.c
+++ b/net/ipv4/raw.c
@@ -499,7 +499,7 @@ static int raw_sendmsg(struct kiocb *iocb, struct sock *sk, struct msghdr
 *msg,
  ipc.oif = sk->sk_bound_dev_if;

  if (msg->msg_controllen) {
- err = ip_cmsg_send(msg, &ipc);
+ err = ip_cmsg_send(&init_net, msg, &ipc);
  if (err)
    goto out;
  if (ipc.opt)
diff --git a/net/ipv4/udp.c b/net/ipv4/udp.c
index 8c1f5ea..9d69e9d 100644
--- a/net/ipv4/udp.c
+++ b/net/ipv4/udp.c
@@ -607,7 +607,7 @@ int udp_sendmsg(struct kiocb *iocb, struct sock *sk, struct msghdr *msg,

  ipc.oif = sk->sk_bound_dev_if;
  if (msg->msg_controllen) {
- err = ip_cmsg_send(msg, &ipc);
+ err = ip_cmsg_send(&init_net, msg, &ipc);
  if (err)
    return err;
  if (ipc.opt)
--
1.5.3.rc5

```
