Subject: [PATCH][IPV4] Swap the ifa allocation with the"ipv4_devconf_setall" call
Posted by Pavel Emelianov on Fri, 07 Dec 2007 09:22:57 GMT
View Forum Message <> Reply to Message

According to Herbert, the ipv4_devconf_setall should be called
only when the ifa is added to the device. However, failed
ifa allocation may bring things into inconsistent state.

Move the call to ipv4_devconf_setall after the ifa allocation.

Fits both net-2.6 (with offsets) and net-2.6.25 (cleanly).

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
diff --git a/net/ipv4/devinet.c b/net/ipv4/devinet.c
index 0b5f042..1c3e20c 100644
--- a/net/ipv4/devinet.c
+++ b/net/ipv4/devinet.c
@@ -519,8 +519,6 @@ static struct in_ifaddr *rtm_to_ifaddr(struct nlmsghdr *nlh)
  goto errout;
 }

- ipv4_devconf_setall(in_dev);
-
 ifa = inet_alloc_ifa();
 if (ifa == NULL) {
  /*
@@ -531,6 +529,7 @@ static struct in_ifaddr *rtm_to_ifaddr(struct nlmsghdr *nlh)
  goto errout;
 }

+ ipv4_devconf_setall(in_dev);
 in_dev_hold(in_dev);

 if (tb[IFA_ADDRESS] == NULL)
```

Subject: Re: [PATCH][IPV4] Swap the ifa allocation with the"ipv4_devconf_setall"
call
Posted by davem on Sat, 08 Dec 2007 07:55:57 GMT
View Forum Message <> Reply to Message

From: Pavel Emelianov <xemul@openvz.org>
Date: Fri, 07 Dec 2007 12:22:57 +0300

> According to Herbert, the ipv4_devconf_setall should be called

> only when the ifa is added to the device. However, failed
> ifa allocation may bring things into inconsistent state.
>
> Move the call to ipv4_devconf_setall after the ifa allocation.
>
> Fits both net-2.6 (with offsets) and net-2.6.25 (cleanly).
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Applied to net-2.6, thanks Pavel.