
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

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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 nlmsg_hdr *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 nlmsg_hdr *nlh)
    goto errout;
}
```

```
+ ipv4_devconf_setall(in_dev);
```

```
    in_dev_hold(in_dev);
```

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