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Subject: [PATCH 2/7 net-2.6.25] [IPV4]: Small style cleanup of the error path in rtm\_to\_ifaddr.

Posted by [den](#) on Fri, 25 Jan 2008 13:51:58 GMT

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Remove error code assignment inside brackets on failure. The code looks better if the error is assigned before condition check. Also, the compiler treats this better.

Signed-off-by: Denis V. Lunev <[den@openvz.org](mailto:den@openvz.org)>

---

```
net/ipv4/devinet.c | 21 ++++++++-----
1 files changed, 8 insertions(+), 13 deletions(-)
```

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

```
index 21f71bf..9da4c68 100644
```

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

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

```
@@ -492,39 +492,34 @@ static struct in_ifaddr *rtm_to_ifaddr(struct nlmsg_hdr *nlh)
```

```
    struct ifaddrmsg *ifm;
    struct net_device *dev;
    struct in_device *in_dev;
```

```
- int err = -EINVAL;
```

```
+ int err;
```

```
    err = nlmsg_parse(nlh, sizeof(*ifm), tb, IFA_MAX, ifa_ipv4_policy);
```

```
    if (err < 0)
        goto errout;
```

```
    ifm = nlmsg_data(nlh);
```

```
- if (ifm->ifa_prefixlen > 32 || tb[IFA_LOCAL] == NULL) {
```

```
- err = -EINVAL;
```

```
+ err = -EINVAL;
```

```
+ if (ifm->ifa_prefixlen > 32 || tb[IFA_LOCAL] == NULL)
```

```
    goto errout;
```

```
- }
```

```
    dev = __dev_get_by_index(&init_net, ifm->ifa_index);
```

```
- if (dev == NULL) {
```

```
- err = -ENODEV;
```

```
+ err = -ENODEV;
```

```
+ if (dev == NULL)
```

```
    goto errout;
```

```
- }
```

```
    in_dev = __in_dev_get_rtnl(dev);
```

```
- if (in_dev == NULL) {
```

```
- err = -ENOBUFS;
```

```
+ err = -ENOBUFS;
+ if (in_dev == NULL)
    goto errout;
- }

    ifa = inet_alloc_ifa();
- if (ifa == NULL) {
+ if (ifa == NULL)
    /*
     * A potential indev allocation can be left alive, it stays
     * assigned to its device and is destroy with it.
     */
- err = -ENOBUFS;
    goto errout;
- }

    ipv4_devconf_setall(in_dev);
    in_dev_hold(in_dev);
--
1.5.3.rc5
```

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