

---

Subject: [PATCH net-2.6.25 1/3][IPV4] Cleanup the devinet\_sysctl\_register  
Posted by [Pavel Emelianov](#) on Fri, 30 Nov 2007 18:21:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I moved the call to kmalloc() from the \*t declaration into the code (this is confusing when a variable is initialized with the result of some call) and removed unneeded comment near the error path. Just like I did with the neigh ctl-s.

Besides, I fixed the goto's and the labels - they were indented with spaces :(

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

---

```
diff --git a/net/ipv4/devinet.c b/net/ipv4/devinet.c
index 1ae7dcf..34c34c6 100644
--- a/net/ipv4/devinet.c
+++ b/net/ipv4/devinet.c
@@ -1507,12 +1507,13 @@ static void devinet_sysctl_register(struct in_device *in_dev,
 {
     int i;
     struct net_device *dev = in_dev ? in_dev->dev : NULL;
- struct devinet_sysctl_table *t = kmemdup(&devinet_sysctl, sizeof(*t),
-     GFP_KERNEL);
+ struct devinet_sysctl_table *t;
     char *dev_name = NULL;

+ t = kmemdup(&devinet_sysctl, sizeof(*t), GFP_KERNEL);
     if (!t)
- return;
+ goto out;
+
     for (i = 0; i < ARRAY_SIZE(t->devinet_vars) - 1; i++) {
         t->devinet_vars[i].data += (char *)p - (char *)&ipv4_devconf;
         t->devinet_vars[i].extra1 = p;
@@ -1533,7 +1534,7 @@ static void devinet_sysctl_register(struct in_device *in_dev,
     */
     dev_name = kstrdup(dev_name, GFP_KERNEL);
     if (!dev_name)
- goto free;
+ goto free;

     t->devinet_dev[0].procname = dev_name;
     t->devinet_dev[0].child = t->devinet_vars;
@@ -1543,16 +1544,16 @@ static void devinet_sysctl_register(struct in_device *in_dev,
```

```
t->sysctl_header = register_sysctl_table(t->devinet_root_dir);
if (!t->sysctl_header)
- goto free_procname;
+ goto free_procname;
```

```
p->sysctl = t;
return;
```

```
- /* error path */
- free_procname:
+free_procname:
    kfree(dev_name);
- free:
+free:
    kfree(t);
+out:
    return;
}
```

--

1.5.3.4

---

Subject: Re: [PATCH net-2.6.25 1/3][IPV4] Cleanup the devinet\_sysctl\_register  
Posted by [Herbert Xu](#) on Sat, 01 Dec 2007 13:18:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Fri, Nov 30, 2007 at 09:21:00PM +0300, Pavel Emelyanov wrote:

> I moved the call to kcalloc() from the \*t declaration into  
> the code (this is confusing when a variable is initialized  
> with the result of some call) and removed unneeded comment  
> near the error path. Just like I did with the neigh ctl-s.

>

> Besides, I fixed the goto's and the labels - they were indented  
> with spaces :(

>

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

Applied to net-2.6.25. Thanks.

--

Visit Openswan at <http://www.openswan.org/>

Email: Herbert Xu ~{PmV>Hl~} <[herbert@gondor.apana.org.au](mailto:herbert@gondor.apana.org.au)>

Home Page: <http://gondor.apana.org.au/~herbert/>

PGP Key: <http://gondor.apana.org.au/~herbert/pubkey.txt>