
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

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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
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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.

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

```
