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Subject: [PATCH net-2.6.26 1/4][NETNS][ICMP]: Register pernet subsys to make ICMP sysctls per-net.

Posted by [Pavel Emelianov](#) on Wed, 26 Mar 2008 08:51:21 GMT

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This includes adding pernet\_operations, empty init and exit hooks and a bit of changes in sysctl\_ipv4\_init just not to have this part in next patches.

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

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net/ipv4/sysctl\_net\_ipv4.c | 24 ++++++  
1 files changed, 23 insertions(+), 1 deletions(-)

diff --git a/net/ipv4/sysctl\_net\_ipv4.c b/net/ipv4/sysctl\_net\_ipv4.c

index 88286f3..c2fca30 100644

--- a/net/ipv4/sysctl\_net\_ipv4.c

+++ b/net/ipv4/sysctl\_net\_ipv4.c

@@ -811,12 +811,34 @@ struct ctl\_path net\_ipv4\_ctl\_path[] = {  
};  
EXPORT\_SYMBOL\_GPL(net\_ipv4\_ctl\_path);

+static \_\_net\_init int ipv4\_sysctl\_init\_net(struct net \*net)

+{

+ return 0;

+}

+

+static \_\_net\_exit void ipv4\_sysctl\_exit\_net(struct net \*net)

+{

+}

+

+static \_\_net\_initdata struct pernet\_operations ipv4\_sysctl\_ops = {

+ .init = ipv4\_sysctl\_init\_net,

+ .exit = ipv4\_sysctl\_exit\_net,

+};

+

static \_\_init int sysctl\_ipv4\_init(void)

{

struct ctl\_table\_header \*hdr;

hdr = register\_sysctl\_paths(net\_ipv4\_ctl\_path, ipv4\_table);

- return hdr == NULL ? -ENOMEM : 0;

+ if (hdr == NULL)

+ return -ENOMEM;

+

+ if (register\_pernet\_subsys(&ipv4\_sysctl\_ops)) {

+ unregister\_sysctl\_table(hdr);

```
+ return -ENOMEM;
+ }
+
+ return 0;
}
```

```
__initcall(sysctl_ipv4_init);
```

```
--
```

1.5.3.4

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Subject: Re: [PATCH net-2.6.26 1/4][NETNS][ICMP]: Register pernet subsys to make ICMP sysctls per-net.

Posted by [davem](#) on Wed, 26 Mar 2008 08:54:47 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Wed, 26 Mar 2008 11:51:21 +0300

> This includes adding pernet\_operations, empty init and exit  
> hooks and a bit of changes in sysctl\_ipv4\_init just not to  
> have this part in next patches.

>

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

Applied.

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