
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>

```
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

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.
