
Subject: Re: [PATCH 12/12 net-2.6.26] [ICMP6]: Consolidate fail path
icmpv6_sk_init with icmpv6_sk_exit.

Posted by [den](#) on Fri, 29 Feb 2008 22:05:41 GMT

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On Fri, 2008-02-29 at 11:23 -0800, David Miller wrote:

```
> From: "Denis V. Lunev" <den@openvz.org>
> Date: Fri, 29 Feb 2008 16:40:58 +0300
>
> > +static void __net_exit icmpv6_sk_exit(struct net *net)
> > +{
>
> Since you call this from __new_init code, won't this
> create a section conflict when ipv6 is built statically
> into the kernel?
```

Dave, you are perfectly correct :) Though, I have made a similar mistake
in the IPv4 code. Pls consider the patch attached.

[ICMP]: Section conflict between icmp_sk_init/icmp_sk_exit.

Functions from __exit section should not be called from ones in __init
section. Fix this conflict.

Signed-off-by: Denis V. Lunev <den@openvz.org>

```
diff --git a/net/ipv4/icmp.c b/net/ipv4/icmp.c
index b51f4b0..cee77d6 100644
--- a/net/ipv4/icmp.c
+++ b/net/ipv4/icmp.c
@@ -1198,7 +1198,9 @@ int __net_init icmp_sk_init(struct net *net)
    return 0;
```

fail:

```
- icmp_sk_exit(net);
+ for_each_possible_cpu(i)
+   sk_release_kernel(net->ipv4.icmp_sk[i]);
+ kfree(net->ipv4.icmp_sk);
    return err;
}
```

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Containers@lists.linux-foundation.org

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[File Attachments](#)

1) [diff-icmp-section.txt](#), downloaded 321 times
