
Subject: [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 13:40:58 GMT

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net/ipv6/icmp.c | 29 ++++++-----

1 files changed, 14 insertions(+), 15 deletions(-)

diff --git a/net/ipv6/icmp.c b/net/ipv6/icmp.c

index 9f55a96..889769d 100644

--- a/net/ipv6/icmp.c

+++ b/net/ipv6/icmp.c

@@ -777,6 +777,17 @@ drop_no_count:

return 0;

}

+

+static void __net_exit icmpv6_sk_exit(struct net *net)

+{

+ int i;

+

+ for_each_possible_cpu(i) {

+ sk_release_kernel(net->ipv6.icmp_sk[i]);

+ }

+ kfree(net->ipv6.icmp_sk);

+}

+

/*

* Special lock-class for __icmpv6_sk:

*/

@@ -785,7 +796,7 @@ static struct lock_class_key icmpv6_socket_sk_dst_lock_key;

static int __net_init icmpv6_sk_init(struct net *net)

{

struct sock *sk;

- int err, i, j;

+ int err, i;

net->ipv6.icmp_sk =

kzalloc(nr_cpu_ids * sizeof(struct sock *), GFP_KERNEL);

@@ -827,23 +838,11 @@ static int __net_init icmpv6_sk_init(struct net *net)

}

return 0;

- fail:

- for (j = 0; j < i; j++)

```
- sk_release_kernel(net->ipv6.icmp_sk[j]);
- kfree(net->ipv6.icmp_sk);
+fail:
+ icmpv6_sk_exit(net);
  return err;
}

-static void __net_exit icmpv6_sk_exit(struct net *net)
-{
- int i;
-
- for_each_possible_cpu(i) {
- sk_release_kernel(net->ipv6.icmp_sk[i]);
- }
- kfree(net->ipv6.icmp_sk);
-}
-
static struct pernet_operations __net_initdata icmpv6_sk_ops = {
    .init = icmpv6_sk_init,
    .exit = icmpv6_sk_exit,
}
--
1.5.3.rc5
```

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