
Subject: [PATCH 7/11 net-2.6.26] [ICMP]: Simplify ICMP control socket creation.
Posted by [den](#) on Fri, 28 Mar 2008 09:08:54 GMT
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Replace sock_create_kern with inet_csk_ctl_sock_create.

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

net/ipv4/icmp.c | 23 +++++-----
1 files changed, 5 insertions(+), 18 deletions(-)

diff --git a/net/ipv4/icmp.c b/net/ipv4/icmp.c
index 803bc9f..b00bc20 100644

--- a/net/ipv4/icmp.c

+++ b/net/ipv4/icmp.c

@@ -1152,33 +1152,20 @@ int __net_init icmp_sk_init(struct net *net)

```
    for_each_possible_cpu(i) {
        struct sock *sk;
-       struct socket *sock;
-       struct inet_sock *inet;

-       err = sock_create_kern(PF_INET, SOCK_RAW, IPPROTO_ICMP, &sock);
+       err = inet_csk_ctl_sock_create(&sk,
+                                       PF_INET, SOCK_RAW, IPPROTO_ICMP);
        if (err < 0)
            goto fail;

-       net->ipv4.icmp_sk[i] = sk = sock->sk;
+       net->ipv4.icmp_sk[i] = sk;
        sk_change_net(sk, net);

-       sk->sk_allocation = GFP_ATOMIC;
-
        /* Enough space for 2 64K ICMP packets, including
         * sk_buff struct overhead.
         */
-       sk->sk_sndbuf =
-       (2 * ((64 * 1024) + sizeof(struct sk_buff)));
-
-       inet = inet_sk(sk);
-       inet->uc_ttl = -1;
-       inet->pmtudisc = IP_PMTUDISC_DONT;
-
-       /* Unhash it so that IP input processing does not even
-        * see it, we do not wish this socket to see incoming
-        * packets.
-        */
```

```
- sk->sk_prot->unhash(sk);
+ sk->sk_sndbuf = (2 * ((64 * 1024) + sizeof(struct sk_buff)));
+ inet_sk(sk)->pmtudisc = IP_PMTUDISC_DONT;
}
```

```
/* Control parameters for ECHO replies. */
```

```
--
```

1.5.3.rc5

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<https://lists.linux-foundation.org/mailman/listinfo/containers>
