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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](mailto:den@openvz.org)>

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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. \*/

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1.5.3.rc5

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Containers mailing list

Containers@lists.linux-foundation.org

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

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