
Subject: [PATCH] Use BUILD_BUG_ON in inet_timewait_sock.c checks
Posted by [Pavel Emelianov](#) on Fri, 07 Dec 2007 17:46:10 GMT
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Make the INET_TWDR_TWKILL_SLOTS vs sizeof(twdr->thread_slots)
check nicer.

Signed-off-by: Pavel Emelianov <xemul@openvz.org>

```
diff --git a/net/ipv4/inet_timewait_sock.c b/net/ipv4/inet_timewait_sock.c
index a60b99e..d43e787 100644
--- a/net/ipv4/inet_timewait_sock.c
+++ b/net/ipv4/inet_timewait_sock.c
@@ -194,16 +194,14 @@ out:
```

```
EXPORT_SYMBOL_GPL(inet_twdr_hangman);

-extern void twkill_slots_invalid(void);
-
void inet_twdr_twkill_work(struct work_struct *work)
{
    struct inet_timewait_death_row *twdr =
        container_of(work, struct inet_timewait_death_row, twkill_work);
    int i;

- if ((INET_TWDR_TWKILL_SLOTS - 1) > (sizeof(twdr->thread_slots) * 8))
- twkill_slots_invalid();
+ BUILD_BUG_ON((INET_TWDR_TWKILL_SLOTS - 1) >
+ (sizeof(twdr->thread_slots) * 8));

    while (twdr->thread_slots) {
        spin_lock_bh(&twdr->death_lock);
```

Subject: Re: [PATCH] Use BUILD_BUG_ON in inet_timewait_sock.c checks
Posted by [davem](#) on Tue, 11 Dec 2007 10:12:46 GMT
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From: Pavel Emelianov <xemul@openvz.org>
Date: Fri, 07 Dec 2007 20:46:10 +0300

> Make the INET_TWDR_TWKILL_SLOTS vs sizeof(twdr->thread_slots)
> check nicer.
>
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Also applied to net-2.6.25, thanks!
