

---

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  
[View Forum Message](#) <> [Reply to Message](#)

---

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);
```

---