
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);
```