
Subject: [PATCH][PKTGEN] Fix double unlock of xfrm_state->lock

Posted by [Pavel Emelianov](#) on Mon, 19 Nov 2007 09:47:00 GMT

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The pktgen_output_ipsec() function can unlock this lock twice due to merged error and plain paths. Remove one of the calls to spin_unlock.

Other possible solution would be to place "return 0" right after the first unlock, but at this place the err is known to be 0, so these solutions are the same except for this one makes the code shorter.

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

```
diff --git a/net/core/pktgen.c b/net/core/pktgen.c
```

```
index de33f36..285ec3e 100644
```

```
--- a/net/core/pktgen.c
```

```
+++ b/net/core/pktgen.c
```

```
@@ -2463,8 +2463,6 @@ static int pktgen_output_ipsec(struct sk_buff *skb, struct pktgen_dev *pkt_dev)
```

```
    x->curlft.bytes +=skb->len;
```

```
    x->curlft.packets++;
```

```
- spin_unlock(&x->lock);
```

```
-
```

```
error:
```

```
    spin_unlock(&x->lock);
```

```
    return err;
```

Subject: Re: [PATCH][PKTGEN] Fix double unlock of xfrm_state->lock

Posted by [jamal](#) on Mon, 19 Nov 2007 16:18:18 GMT

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On Mon, 2007-19-11 at 12:47 +0300, Pavel Emelyanov wrote:

> The pktgen_output_ipsec() function can unlock this lock twice
> due to merged error and plain paths. Remove one of the calls
> to spin_unlock.

Good catch.

Acked-by: Jamal Hadi Salim <hadi@cyberus.ca>

cheers,

jamal

Subject: Re: [PATCH][PKTGEN] Fix double unlock of xfrm_state->lock

Posted by [davem](#) on Tue, 20 Nov 2007 06:51:53 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Mon, 19 Nov 2007 12:47:00 +0300

> The pktgen_output_ipsec() function can unlock this lock twice
> due to merged error and plain paths. Remove one of the calls
> to spin_unlock.

>

> Other possible solution would be to place "return 0" right
> after the first unlock, but at this place the err is known
> to be 0, so these solutions are the same except for this one
> makes the code shorter.

>

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

Applied, thanks Pavel.
