
Subject: Re: [PATCH] net: Add etun driver
Posted by [ebiederm](#) on Sat, 07 Apr 2007 02:08:22 GMT
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Roland Dreier <rdreier@cisco.com> writes:

```
> > +/*
> > + * The higher levels take care of making this non-reentrant (it's
> > + * called with bh's disabled).
> > + */
> > +static int etun_xmit(struct sk_buff *skb, struct net_device *tx_dev)
>
> You have this comment, but then...
>
> > + dev->features = NETIF_F_FRAGLIST
> > +   | NETIF_F_HIGHDMA
> > +   | NETIF_F_LLTX;
>
> you set LLTX, which means that the upper layers _don't_ make sure that
> your xmit routine is not reentrant.
>
> It looks like the impact of multiple simultaneous xmit calls is just
> the possibility of screwing up the statistics, but still I think you
> want to drop the LLTX feature (since you have no lock of your own to
> try and take).
```

Yup. That is an inconsistency and probably a bug. I have to think through what makes most sense in this case. Though the cheap answer is clearly to remove NETIF_F_LLTX.

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