Subject: Re: [PATCH] Set a separate lockdep class for neighbour table's proxy_queue
Posted by davem on Tue, 17 Apr 2007 19:46:10 GMT

From: Pavel Emelianov <xemul@sw.ru>
Date: Mon, 16 Apr 2007 16:08:25 +0400

> Otherwise the following calltrace will lead to a wrong
> lockdep warning:
>
> neigh_proxy_process()
>   `- lock(neigh_table->proxy_queue.lock);
> arp_redo /* via tbl->proxy_redo */
> arp_process
> neigh_event_ns
> neigh_update
> skb_queue_purge
>   `- lock(neighbor->arp_queue.lock);
>
> This is not a deadlock actually, as neighbor table's proxy_queue
> and the neighbor's arp_queue are different queues.
>
> Lockdep thinks there is a deadlock as both queues are initialized
> with skb_queue_head_init() and thus have a common class.

Patch applied, thank you.

Please provide a proper "Signed-off-by: " line in future patch
submissions or else I will ignore your patches entirely.

Thanks!