
Subject: Re: [PATCH] Set a separate lockdep class for neighbour table's proxy_queue

Posted by [Jarek Poplawski](#) on Thu, 19 Apr 2007 13:02:57 GMT

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On 17-04-2007 21:46, David Miller wrote:

> 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

...

And I'd suggest to attach a lockdep's log, or some reference to it, for some born unbelievers...

Regards,
Jarek P.
