
Subject: Re: [PATCH] possible deadlock in tulip driver

Posted by [den](#) on Tue, 31 Jul 2007 06:52:34 GMT

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Manual code check. The similar fixes are present in almost all drivers, f.e. tg3 one. I have an unrelated deadlock with rtnl.

Regards,
Den

Valerie Henson wrote:

> (No longer maintainer, btw.)

>

> What situation have you tested this under? Thanks,

>

> -VAL

>

> On Tue, Jul 24, 2007 at 11:49:08AM +0400, Denis V. Lunev wrote:

>> Calling flush_scheduled_work() may deadlock if called under rtnl_lock

>> (from dev->stop) as linkwatch_event() may be on the workqueue and it will try

>> to get the rtnl_lock

>>

>> Signed-off-by: Denis V. Lunev <den@openvz.org>

>> ---

>>

>> tulip_core.c | 4 ++--

>> 1 file changed, 2 insertions(+), 2 deletions(-)

>>

>> --- ./drivers/net/tulip/tulip_core.c.tulip 2007-07-16 12:54:29.000000000 +0400

>> +++ ./drivers/net/tulip/tulip_core.c 2007-07-23 19:06:24.000000000 +0400

>> @@ -726,8 +726,6 @@ static void tulip_down (struct net_devic

>> void __iomem *ioaddr = tp->base_addr;

>> unsigned long flags;

>>

>> - flush_scheduled_work();

>> -

>> del_timer_sync (&tp->timer);

>> #ifdef CONFIG_TULIP_NAPI

>> del_timer_sync (&tp->oom_timer);

>> @@ -1788,6 +1786,8 @@ static void __devexit tulip_remove_one (

>> if (!dev)

>> return;

>>

>> + flush_scheduled_work();

>> +

>> tp = netdev_priv(dev);

>> unregister_netdev(dev);

>> pci_free_consistent (pdev,

>> -
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>> More majordomo info at <http://vger.kernel.org/majordomo-info.html>
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