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Subject: Re: [patch 1/1] fix bad netif\_carrier\_off place  
Posted by [Pavel Emelianov](#) on Wed, 19 Sep 2007 08:35:43 GMT  
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> From: Daniel Lezcano <dlezcano@fr.ibm.com>  
>  
> If the netif\_carrier\_off is called before register\_netdev  
> that will use and generate an event for a non initialized network  
> device and that leads to a Oops.  
>  
> I moved the netif\_carrier\_off from the setup function after each  
> register\_netdev call.  
>  
> Signed-off-by: Daniel Lezcano <dlezcano@fr.ibm.com>

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

Eric, if you managed to reproduce your oopses, does this patch help?

BTW, this problem exists for some other drivers, no? E.g.  
xpnet\_init() does the same thing and probably oopses as well.

> ---  
> drivers/net/veth.c | 5 ++++-  
> 1 file changed, 4 insertions(+), 1 deletion(-)  
>  
> Index: net-2.6.24/drivers/net/veth.c  
> =====  
> --- net-2.6.24.orig/drivers/net/veth.c  
> +++ net-2.6.24/drivers/net/veth.c  
> @@ -286,7 +286,6 @@ static void veth\_setup(struct net\_device  
> dev->features |= NETIF\_F\_LLTX;  
> dev->init = veth\_dev\_init;  
> dev->destructor = veth\_dev\_free;  
> - netif\_carrier\_off(dev);  
> }  
>  
> /\*  
> @@ -357,6 +356,8 @@ static int veth\_newlink(struct net\_devic  
> if (err < 0)  
> goto err\_register\_peer;  
>  
> + netif\_carrier\_off(peer);  
> +  
> /\*  
> \* register dev last  
> \*  
> @@ -382,6 +383,8 @@ static int veth\_newlink(struct net\_devic

```
> if (err < 0)
>     goto err_register_dev;
>
> + netif_carrier_off(dev);
> +
> /*
>  * tie the devices together
>  */
>
> --
```

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Containers mailing list  
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