



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-16 09:58:18 +0100
commit [2ce2348c2858d723f7fe389dead9b43b08e0944e](#) (patch)
tree [8afdc55f64656ce38e3cd968596a496582306005](#)
parent [7b6bc50f65e919fba4d31fa56664b71bcc32e99c](#) (diff)
download [linux-2ce2348c2858d723f7fe389dead9b43b08e0944e.tar.gz](#)

diff options

context:

3

space:

include

mode:

unified

net: wwan: iosm: fix memory leak in ipc_wwan_dellink

[Upstream commit f25caaca424703d5a0607310f0452f978f1f78d9]

IOSM driver registers network device without setting the needs_free_netdev flag, and does NOT call free_netdev() when unregisters network device, which causes a memory leak.

This patch sets needs_free_netdev to true when registers network device, which makes netdev subsystem call free_netdev() automatically after unregister_netdevice().

Fixes: [2a54f2c77934](#) ("net: iosm: net driver")
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Diffstat

```
-rw-r--r-- drivers/net/wwan/iosm/iosm_ipc_wwan.c 1
```

1 files changed, 1 insertions, 0 deletions

diff --git a/drivers/net/wwan/iosm/iosm_ipc_wwan.c b/drivers/net/wwan/iosm/iosm_ipc_wwan.c

index 92f064a8f83789..3449f877e19f06 100644

--- a/drivers/net/wwan/iosm/iosm_ipc_wwan.c

+++ b/drivers/net/wwan/iosm/iosm_ipc_wwan.c

```
@@ -167,6 +167,7 @@ static void ipc_wwan_setup(struct net_device *iosm_dev)
     iosm_dev->max_mtu = ETH_MAX_MTU;

     iosm_dev->flags = IFF_POINTOPOINT | IFF_NOARP;
+    iosm_dev->needs_free_netdev = true;

     iosm_dev->netdev_ops = &ipc_inm_ops;
 }
```