



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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author HW He <hw.he@mediatek.com> 2022-11-03 18:40:00 +0800
committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-16 10:03:55 +0100
commit [128514b51a5ba2c82f9e4a106f1c10423907618a](#) (patch)
tree [1c6b2a3f658f2fe30cb61838a8abdfa6f8f3fe28](#)
parent [e19549f70664104b5976901b79ecc7be70a62c16](#) (diff)
download [linux-128514b51a5ba2c82f9e4a106f1c10423907618a.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 4712f01a7e33ee..3d70b34f96e319 100644

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

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

@@ -168,6 +168,7 @@ 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;
}