



index : kernel/git/stable/linux.git

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Stable Group

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-26 09:24:40 +0100
commit 88da008e5e2f9753726ea5a51ef2eb144e9de927 (patch)
tree 3670b7517b653e16d8796877d9c71f86f5aea05d
parent 8f839715d032f1d07136e8e0a69ffdc46fa6e0d7 (diff)
download linux-88da008e5e2f9753726ea5a51ef2eb144e9de927.tar.gz

diff options

context: 3
space: include
mode: unified

net: mhi: Fix memory leak in mhi_net_dellink()

[Upstream commit f7c125bd79f50ec6094761090be81d02726ec6f4]

MHI 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 calls free_netdev() to fix it since netdev_priv is used after unregister.

Fixes: 13adac032982 ("net: mhi_net: Register wwan_ops for link creation")

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Diffstat

-rw-r--r-- drivers/net/mhi_net.c 2

1 files changed, 2 insertions, 0 deletions

diff --git a/drivers/net/mhi_net.c b/drivers/net/mhi_net.c

index aaa628f859fd4f..f84554aa02af16 100644

--- a/drivers/net/mhi_net.c

+++ b/drivers/net/mhi_net.c

```
@@ -343,6 +343,8 @@ static void mhi_net_dellink(struct mhi_device *mhi_dev, struct net_device *ndev)

    kfree_skb(mhi_netdev->skbagg_head);

+   free_netdev(ndev);
+
    dev_set_drvdata(&mhi_dev->dev, NULL);
}
```