



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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search

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2025-04-20 10:15:06 +0200
commit [7c5957f7905b4aede9d7a559d271438f3ca9e852](#) (patch)
tree [0a438b07d555ea47a15f5c38a27f9875af5196e7](#)
parent [1b7685256db2faa07b75ecd137d172cc45b11c74](#) (diff)
download [linux-7c5957f7905b4aede9d7a559d271438f3ca9e852.tar.gz](#)

diff options

context:

3



space:

include



mode:

unified



tipc: fix memory leak in tipc_link_xmit

[Upstream commit 69ae94725f4fc9e75219d2d69022029c5b24bc9a]

In case the backlog transmit queue for system-importance messages is overloaded, tipc_link_xmit() returns -ENOBUFFS but the skb list is not purged. This leads to memory leak and failure when a skb is allocated.

This commit fixes this issue by purging the skb list before tipc_link_xmit() returns.

Fixes: 365ad353c256 ("tipc: reduce risk of user starvation during link congestion")

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Diffstat

```
-rw-r--r-- net/tipc/link.c 1
```

1 files changed, 1 insertions, 0 deletions

diff --git a/net/tipc/link.c b/net/tipc/link.c

index 5c2088a469cea1..5689e1f4854797 100644

--- a/net/tipc/link.c

+++ b/net/tipc/link.c

```
@@ -1046,6 +1046,7 @@ int tipc_link_xmit(struct tipc_link *l, struct sk_buff_head *list,
     if (unlikely(l->backlog[imp].len >= l->backlog[imp].limit)) {
         if (imp == TIPC_SYSTEM_IMPORTANCE) {
             pr_warn("%s<%s>, link overflow", link_rst_msg, l->name);
+            __skb_queue_purge(list);
             return -ENOBUFFS;
         }
     }
     rc = link_schedule_user(l, hdr);
```