



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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commit [acec726473822bc6b585961f4ca2a11fa7f28341](#) (patch)
tree [36110339c54c020e75f997b722f15d82cbbfe9f7](#)
parent [7af9da8ce8f9a16221ecd8ba4280582f5bd452fc](#) (diff)
download [linux-acec726473822bc6b585961f4ca2a11fa7f28341.tar.gz](#)

diff options

context:

3

space:

include

mode:

unified

thunderbolt: Fix memory leak in margining

Memory for the usb4->margining needs to be relased for the upstream port of the router as well, even though the debugfs directory gets released with the router device removal. Fix this.

Fixes: [d0f1e0c2a699](#) ("thunderbolt: Add support for receiver lane margining")

Cc: [stable@vger.kernel.org](#)

Signed-off-by: Mika Westerberg <mika.westerberg@linux.intel.com>

Diffstat

-rw-r--r-- [drivers/thunderbolt/debugfs.c](#) 12

1 files changed, 6 insertions, 6 deletions

diff --git a/drivers/thunderbolt/debugfs.c b/drivers/thunderbolt/debugfs.c

index 4339e706cc3a12..f92ad71ef9831f 100644

--- a/drivers/thunderbolt/debugfs.c

+++ b/drivers/thunderbolt/debugfs.c

@@ -942,7 +942,8 @@ static void margining_port_remove(struct tb_port *port)

snprintf(dir_name, sizeof(dir_name), "port%d", port->port);

parent = debugfs_lookup(dir_name, port->sw->debugfs_dir);

- debugfs_remove_recursive(debugfs_lookup("margining", parent));

+ if (parent)

+ debugfs_remove_recursive(debugfs_lookup("margining", parent));

kfree(port->usb4->margining);

port->usb4->margining = NULL;

@@ -967,19 +968,18 @@ static void margining_switch_init(struct tb_switch *sw)

static void margining_switch_remove(struct tb_switch *sw)

{

+ struct tb_port *upstream, *downstream;

struct tb_switch *parent_sw;

- struct tb_port *downstream;

u64 route = tb_route(sw);

if (!route)

return;

- /*

* Upstream is removed with the router itself but we need to

- * remove the downstream port margining directory.

```
-      */  
+      upstream = tb_upstream_port(sw);  
+      parent_sw = tb_switch_parent(sw);  
+      downstream = tb_port_at(route, parent_sw);  
+  
+      margining_port_remove(upstream);  
+      margining_port_remove(downstream);  
+  }
```