



index : kernel/git/stable/linux.git

master

Linux kernel stable tree

Stable Group

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log msg

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-16 09:58:20 +0100
commit 409731df6310a33f4d0a3ef594d2410cdcd637f2 (patch)
tree a1d4dee6ca7a58dbfe37be63e01c08d8f46ef4e3
parent 77ff31cba9a6075a9ad12c3781c7ee83de20ad17 (diff)
download linux-409731df6310a33f4d0a3ef594d2410cdcd637f2.tar.gz

diff options

context: 3
space: include
mode: unified

net: marvell: presteria: fix memory leak in presteria_rxtx_switch_init()

[Upstream commit 519b58bbfa825f042fcf80261cc18e1e35f85ffd]

When presteria_sdma_switch_init() failed, the memory pointed to by sw->rxtx isn't released. Fix it. Only be compiled, not be tested.

Fixes: 501ef3066c89 ("net: marvell: presteria: Add driver for Presteria family ASIC devices")

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Diffstat

```
-rw-r--r-- drivers/net/ethernet/marvell/presteria/presteria_rxtx.c 7
```

1 files changed, 6 insertions, 1 deletions

diff --git a/drivers/net/ethernet/marvell/presteria/presteria_rxtx.c b/drivers/net/ethernet/marvell/presteria/presteria_rxtx.c

index 73d2eba5262f08..a47aa624f74544 100644

--- a/drivers/net/ethernet/marvell/presteria/presteria_rxtx.c

+++ b/drivers/net/ethernet/marvell/presteria/presteria_rxtx.c

@@ -776,6 +776,7 @@ tx_done:

int presteria_rxtx_switch_init(struct presteria_switch *sw)
{

struct presteria_rxtx *rxtx;
+ int err;

rxtx = kzalloc(sizeof(*rxtx), GFP_KERNEL);
if (!rxtx)

@@ -783,7 +784,11 @@ int presteria_rxtx_switch_init(struct presteria_switch *sw)

sw->rxtx = rxtx;

- return presteria_sdma_switch_init(sw);

+ err = presteria_sdma_switch_init(sw);

+ if (err)

+ kfree(rxtx);

+ return err;
}

void presteria_rxtx_switch_fini(struct presteria_switch *sw)