



index : kernel/git/stable/linux.git

master

Linux kernel stable tree

Stable Group

[about](#) [summary](#) [refs](#) [log](#) [tree](#) [commit](#) [diff](#) [stats](#)

log msg

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committer Jakub Kicinski <kuba@kernel.org> 2022-11-08 17:19:23 -0800
commit [519b58bbfa825f042fcf80261cc18e1e35f85ffd](#) (patch)
tree [a860a01d73af32e4ca70045e31d14da7ad0851ce](#)
parent [2b0145032877fe0fa3460dfff285cc2fdcc9fc2e](#) (diff)
download [linux-519b58bbfa825f042fcf80261cc18e1e35f85ffd.tar.gz](#)

diff options

context:
space:
mode:

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

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")
Signed-off-by: Zhengchao Shao <shaozhengchao@huawei.com>
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Signed-off-by: Jakub Kicinski <kuba@kernel.org>

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 42ee963e9f7596..9277a8fd1339dc 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)