



index : kernel/git/stable/linux.git

master

Linux kernel stable tree

Stable Group

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log msg

author Zhengchao Shao <shaozhengchao@huawei.com> 2022-11-08 10:56:07 +0800
committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-16 09:57:12 +0100
commit [5333cf1b7f6861912aff6263978d4781f9858e47](#) (patch)
tree [2bbdc03a91e0d1a168974f054bd7b721451aa860](#)
parent [cf4853880e2433909880145aad650f52554662bd](#) (diff)
download [linux-5333cf1b7f6861912aff6263978d4781f9858e47.tar.gz](#)

diff options

context:
space:
mode:

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")

Signed-off-by: Zhengchao Shao <shaozhengchao@huawei.com>

Reviewed-by: Vadym Kochan <vadym.kochan@plvision.eu>

Link: <https://lore.kernel.org/r/20221108025607.338450-1-shaozhengchao@huawei.com>

Signed-off-by: Jakub Kicinski <kuba@kernel.org>

Signed-off-by: Sasha Levin <sashal@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 2a13c318048cc6..59a3ea02b8add3 100644

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

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

@@ -771,6 +771,7 @@ 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)

@@ -778,7 +779,11 @@ 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)