



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-26 09:24:48 +0100
commit a99a547658e5d451f01ed307426286716b6f01bf (patch)
tree 56ea88835c3866f0185ad6b6687939dbdfd171ef
parent 4a1b6f7839d3571d37ce344abdf60283298f6c83 (diff)
download linux-a99a547658e5d451f01ed307426286716b6f01bf.tar.gz

diff options

context:

3



space:

include



mode:

unified



mmc: sdhci-pci: Fix possible memory leak caused by missing pci_dev_put()

commit 222cfa0118aa68687ace74aab8fdf77ce8fbd7e6 upstream.

pci_get_device() will increase the reference count for the returned pci_dev. We need to use pci_dev_put() to decrease the reference count before amd_probe() returns. There is no problem for the 'smbus_dev == NULL' branch because pci_dev_put() can also handle the NULL input parameter case.

Fixes: 659c9bc114a8 ("mmc: sdhci-pci: Build o2micro support in the same module")

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Diffstat

```
-rw-r--r-- drivers/mmc/host/sdhci-pci- 2  
core.c
```

1 files changed, 2 insertions, 0 deletions

diff --git a/drivers/mmc/host/sdhci-pci-core.c b/drivers/mmc/host/sdhci-pci-core.c

index 65e61cdac118de..8736e04fa73cce 100644

--- a/drivers/mmc/host/sdhci-pci-core.c

+++ b/drivers/mmc/host/sdhci-pci-core.c

```
@@ -1818,6 +1818,8 @@ static int amd_probe(struct sdhci_pci_chip *chip)  
    }  
}
```

```
+ pci_dev_put(smbus_dev);
```

```
+
```

```
if (gen == AMD_CHIPSET_BEFORE_ML || gen == AMD_CHIPSET_CZ)  
    chip->quirks2 |= SDHCI_QUIRK2_CLEAR_TRANSFERMODE_REG_BEFORE_CMD;
```