



author Xiongfeng Wang <wangxiongfeng2@huawei.com> 2022-11-14 16:31:00 +0800
committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-26 09:27:50 +0100
commit [35bca18092685b488003509fef7055aa2d4f2ebc](#) (patch)
tree [4576b612826ff60a2546dc2b2edf31c8c39bf63f](#)
parent [4039c60b8f4450759cd7d081341fbaf12a3be747](#) (diff)
download [linux-35bca18092685b488003509fef7055aa2d4f2ebc.tar.gz](#)

diff options

context: ▼
space: ▼
mode: ▼

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")

Signed-off-by: Xiongfeng Wang <wangxiongfeng2@huawei.com>

Cc: stable@vger.kernel.org

Link: <https://lore.kernel.org/r/20221114083100.149200-1-wangxiongfeng2@huawei.com>

Signed-off-by: Ulf Hansson <ulf.hansson@linaro.org>

Signed-off-by: Greg Kroah-Hartman <gregkh@linuxfoundation.org>

Diffstat

-rw-r--r--	drivers/mmc/host/sdhci-pci-core.c	2
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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 b6f4bd3d93cd85..c55a77a10c6322 100644

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

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

```
@@ -1728,6 +1728,8 @@ 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;
```