



index : kernel/git/stable/linux.git

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Linux kernel stable tree

Stable Group

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author Johan Hovold <johan+linaro@kernel.org> 2022-10-26 18:21:16 +0200
committer Vinod Koul <vkoul@kernel.org> 2022-10-28 18:25:50 +0530
commit [04948e757148f870a31f4887ea2239403f516c3c](#) (patch)
tree [ef4b4099901db890473c96e2d7ec27feddfcb327](#)
parent [2a4ea83bb8e54986703187edce59c9130a75eb26](#) (diff)
download [linux-04948e757148f870a31f4887ea2239403f516c3c.tar.gz](#)

diff options

context:
space:
mode:

phy: qcom-qmp-combo: fix NULL-deref on runtime resume

Commit fc64623637da ("phy: qcom-qmp-combo,usb: add support for separate PCS_USB region") started treating the PCS_USB registers as potentially separate from the PCS registers but used the wrong base when no PCS_USB offset has been provided.

Fix the PCS_USB base used at runtime resume to prevent dereferencing a NULL pointer on platforms that do not provide a PCS_USB offset (e.g. SC7180).

Fixes: fc64623637da ("phy: qcom-qmp-combo,usb: add support for separate PCS_USB region")

Cc: stable@vger.kernel.org # 5.20

Signed-off-by: Johan Hovold <johan+linaro@kernel.org>

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Link: <https://lore.kernel.org/r/20221026162116.26462-1-johan+linaro@kernel.org>

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Diffstat

-rw-r--r--	drivers/phy/qualcomm/phy-qcom-qmp-combo.c	2
------------	---	---

1 files changed, 1 insertions, 1 deletions

diff --git a/drivers/phy/qualcomm/phy-qcom-qmp-combo.c b/drivers/phy/qualcomm/phy-qcom-qmp-combo.c
index 9807c4d935cdb4..ba9d761ec49a75 100644

--- a/drivers/phy/qualcomm/phy-qcom-qmp-combo.c

+++ b/drivers/phy/qualcomm/phy-qcom-qmp-combo.c

@@ -2240,7 +2240,7 @@ static void qmp_combo_enable_autonomous_mode(struct qmp_phy *qphy)
static void qmp_combo_disable_autonomous_mode(struct qmp_phy *qphy)

```
{  
    const struct qmp_phy_cfg *cfg = qphy->cfg;  
-    void __iomem *pcs_usb = qphy->pcs_usb ? qphy->pcs_usb;  
+    void __iomem *pcs_usb = qphy->pcs_usb ? qphy->pcs;  
    void __iomem *pcs_misc = qphy->pcs_misc;
```

```
/* Disable i/o clamp_n on resume for normal mode */
```