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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2023-03-22 13:33:43 +0100  
commit 7e0ae8667fcdd99d1756922e1140cac75f5fa279 (patch)  
tree 77f57a176ad2d80b545b35f159430e1df77263bc  
parent d2112b18b591eb219b61dbc86a04a58f6d6431c6 (diff)  
download linux-7e0ae8667fcdd99d1756922e1140cac75f5fa279.tar.gz

**diff options**

context: 3  
space: include  
mode: unified

## scsi: core: Fix a procs host directory removal regression

[ Upstream commit be03df3d4bfe7e8866d4aa43d62e648ffe884f5f ]

scsi\_proc\_hostdir\_rm() decreases a reference counter and hence must only be called once per host that is removed. This change does not require a scsi\_add\_host\_with\_dma() change since scsi\_add\_host\_with\_dma() will return 0 (success) if scsi\_proc\_host\_add() is called.

Fixes: fc663711b944 ("scsi: core: Remove the /proc/scsi/\${proc\_name} directory earlier")

Cc: John Garry <john.g.garry@oracle.com>

Reported-by: John Garry <john.g.garry@oracle.com>

Link: <https://lore.kernel.org/all/ed6b8027-a9d9-1b45-be8e-df4e8c6c4605@oracle.com/>

Reported-by: syzbot+645a4616b87a2f10e398@syzkaller.appspotmail.com

Link: <https://lore.kernel.org/linux-scsi/0000000000000890fab05f65342b6@google.com/>

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Link: <https://lore.kernel.org/r/20230307214428.3703498-1-bvanassche@acm.org>

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Signed-off-by: Sasha Levin <sashal@kernel.org>

### Diffstat

```
-rw-r--r-- drivers/scsi/hosts.c 3
```

1 files changed, 0 insertions, 3 deletions

**diff --git a/drivers/scsi/hosts.c b/drivers/scsi/hosts.c**

**index 85e66574ec414a..45a2fd6584d165 100644**

**--- a/drivers/scsi/hosts.c**

**+++ b/drivers/scsi/hosts.c**

```
@@ -341,9 +341,6 @@ static void scsi_host_dev_release(struct device *dev)
     struct Scsi_Host *shost = dev_to_shost(dev);
     struct device *parent = dev->parent;
```

```
-     /* In case scsi_remove_host() has not been called. */
-     scsi_proc_hostdir_rm(shost->hostt);
```

```
-     /* Wait for functions invoked through call_rcu(&scmd->rcu, ...) */
-     rcu_barrier();
```