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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-26 09:27:44 +0100  
commit 00f5f1bbf815a39e9eecb468d12ca55d3360eb10 (patch)  
tree 862ab90b843c7bb17d6db7c462c8781481b14cd6  
parent b89752a70e8a8239ac6dfb001ed9630816efd802 (diff)  
download linux-00f5f1bbf815a39e9eecb468d12ca55d3360eb10.tar.gz

**diff options**

context: 3  
space: include  
mode: unified

## ALSA: usb-audio: Drop snd\_BUG\_ON() from snd\_usbmidi\_output\_open()

commit ad72c3c3f6eb81d2cb189ec71e888316adada5df upstream.

snd\_usbmidi\_output\_open() has a check of the NULL port with snd\_BUG\_ON(). snd\_BUG\_ON() was used as this shouldn't have happened, but in reality, the NULL port may be seen when the device gives an invalid endpoint setup at the descriptor, hence the driver skips the allocation. That is, the check itself is valid and snd\_BUG\_ON() should be dropped from there. Otherwise it's confusing as if it were a real bug, as recently syzbot stumbled on it.

Reported-by: syzbot+9abda841d636d86c41da@syzkaller.appspotmail.com

Cc: <stable@vger.kernel.org>

Link: <https://lore.kernel.org/r/syzbot+9abda841d636d86c41da@syzkaller.appspotmail.com>

Link: <https://lore.kernel.org/r/20221112141223.6144-1-tiwai@suse.de>

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

### Diffstat

```
-rw-r--r-- sound/usb/midi.c 4
```

1 files changed, 1 insertions, 3 deletions

**diff --git a/sound/usb/midi.c b/sound/usb/midi.c**

**index bbff0923d26460..2839f6b6f09b49 100644**

**--- a/sound/usb/midi.c**

**+++ b/sound/usb/midi.c**

```
@@ -1133,10 +1133,8 @@ static int snd_usbmidi_output_open(struct snd_rawmidi_substream *substream)
                                port = &umidi->endpoints[i].out->ports[j];
                                break;
                                }
-       if (!port) {
-               snd_BUG();
+       if (!port)
+               return -ENXIO;
-   }

    substream->runtime->private_data = port;
    port->state = STATE_UNKNOWN;
```