

> Signed-off-by: Zhouyang Jia <iiazhouyang09@gmail.com

> v1->v2: > - Add new goto label. Applied, thanks.

```
[PATCH] ALSA: Ix6464es: add error handling for pci_ioremap_bar
Thouyang Jia <jiazhouyang09@gmail.com>
Cc: Zhouyang Jia qiiazhouyang09@gmail.com>, Jaroslav Kysela <perex@perex.cz>, Takashi Iwai <tiwai@suse.com>, Bhumika Goyal <bhumirks@gmail.com>, alsa-devel@alsa-project.org, linux-kernel@vger.kernel.org
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mon, Jun 11, 2018 at 11:23 PM
    When pci_ioremap_bar fails, the lack of error-handling code may cause unexpected results.
   This patch adds error-handling code after calling pci_ioremap_bar
    Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.c
     sound/pci/lx6464es/lx6464es.c | 4 ++++
1 file changed, 4 insertions(+)
   diff --git a/sound/pci/lx6464es/lx6464es.c b/sound/pci/lx6464es/lx6464es.c index 9655008.6157b6d 100644
--- a/sound/pci/lx6464es/lx6464es.c
+++ b/sound/pci/lx6464es/lx6464es.c
@@ -1016,6+1016,10 @@ static int snd_lx6464es_create(struct snd_card *card,
  /* dsp port */
chip->port dsp_bar = pci_joremap_bar(pci, 2);
if (chip->port_dsp_bar) {
    dev_err(card->dev, "cannot remap PCI memory region\n");
    goto request_irq_failed;
}
             err = request_threaded_irq(pci->irq, lx_interrupt, lx_threaded_irq, IRQF_SHARED, KBUILD_MODNAME, chip);
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Takashi Iwai <tiwai@suse.de>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tue Jun 12 2018 at 2:45 AM
Taksain wan suwalgasse.ce-
To: Zhouyang ilia sjazhouyang09@gmail.com>
Cc: alsa-devel@alsa-project.org, Bhumika Goyal <br/>shumirks@gmail.com>, Jaroslav Kysela <perex@perex.cz>, linux-kernel@vger.kernel.org
   On Tue, 12 Jun 2018 05:23:14 +0200,
Zhouyang Jia wrote:
    > When pci_ioremap_bar fails, the lack of error-handling code may > cause unexpected results.
    > This patch adds error-handling code after calling pci_ioremap_bar
    > Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com>
    This patch makes no sense, sorry. The whole Ix6464es error handling there is buggy. We need to fix it more properly.
   And, you must have noticed a bad smell in that change before submitting this. Basically, using the same goto label for the error handling of the next step is already fishy. In this case, you'd have to unmap at the error path after this point. If you can use the sam tabel, it means that the unmap is missing – already something wire.
    Takashi
[Quoted text hidden]
Zhouyang Jia <jiazhouyang09@gmail.com>
To: Takashi lwai <tiwai@suse.de>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Thu .lun 14 2018 at 1:09 AM
    Thanks for your kind reply. I'll fix this in v2.
Thu, Jun 14, 2018 at 9:51 AM
    When pci_ioremap_bar fails, the lack of error-handling code may cause unexpected results.
   This patch adds error-handling code after calling pci_ioremap_bar
    Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com
    v1->v2:
- Add new goto label.
     ---
sound/pci/lx6464es/lx6464es.c | 7 ++++++
1 file changed, 7 insertions(+)
   diff --git a/sound/pci/lx6464es/lx6464es.c b/sound/pci/lx6464es/lx6464es.c index 9655b08.6c85f13 100644 --- a/sound/pci/lx6464es/lx6464es.c
    +++ b/sound/pci/lx6464es/lx6464es.c
@@ -1016,6 +1016,10 @@ static int snd_lx6464es_create(struct snd_card *card,
              /* dsp port */
             / osp port //
chip->port_dsp_bar = pci_ioremap_bar(pci, 2);
if (chip->port_dsp_bar) {
    dev_enc(ard->dev, "cannot remap PCI memory region\n");
    goto remap_pci_failed;
   err = request_threaded_irq(pci->irq, lx_interrupt, lx_threaded_irq, IRQF_SHARED, KBUILD_MODNAME, chip);

@@ -1055,6 +1059,9 @@ static int snd_k6464es_create(struct snd_card *card, free_irq(pci->irq, chip);
      request_irq_failed:
+ iounmap(chip->port_dsp_bar);
    +remap_pci_failed:
pci_release_regions(pci);
     request_regions_failed:
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Takashi lwai <a href="Tiwashi wai <a href="Tiwashi 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Thu. Jun 14, 2018 at 12:01 PM
   On Thu, 14 Jun 2018 15:51:46 +0200,
Zhouyang Jia wrote:
    > This patch adds error-handling code after calling pci_ioremap_bar
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