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commit [23fde311ea1d0a6c36bf92ce48b90b77d0ece1a4](#) (patch)
tree [36239a918de67b6592f8b4004dda13cb82b3862a](#)
parent [dcba15ed08761c0f30d4bfe55dd78abcfe510473](#) (diff)
download [linux-23fde311ea1d0a6c36bf92ce48b90b77d0ece1a4.tar.gz](#)

diff options

context:
space:
mode:

ASoC: Intel: avs: Fix null-ptr-deref in avs_component_probe()

[Upstream commit 95f723cf141b95e3b3a5b92cf2ea98a863fe7275]

devm_kasprintf() returns NULL when memory allocation fails. Currently, avs_component_probe() does not check for this case, which results in a NULL pointer dereference.

Fixes: 739c031110da ("ASoC: Intel: avs: Provide support for fallback topology")

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Diffstat

```
-rw-r--r-- sound/soc/intel/avs/pcm.c 3
```

1 files changed, 2 insertions, 1 deletions

diff --git a/sound/soc/intel/avs/pcm.c b/sound/soc/intel/avs/pcm.c

index 945f9c0a6a5455..15defce0f3eb84 100644

--- a/sound/soc/intel/avs/pcm.c

+++ b/sound/soc/intel/avs/pcm.c

```
@@ -925,7 +925,8 @@ static int avs_component_probe(struct snd_soc_component *component)
     else
```

```
         mach->tplg_filename = devm_kasprintf(adev->dev, GFP_KERNEL,
                                             "hda-generic-tplg.bin");
```

-

```
+         if (!mach->tplg_filename)
```

```
+             return -ENOMEM;
```

```
filename = kasprintf(GFP_KERNEL, "%s/%s", component->driver->topology_name_prefix,
                    mach->tplg_filename);
```

```
if (!filename)
```