author	David Thompson <davthompson@nvidia.com>	2025-04-07 13:25:58 +0000
committer	Greg Kroah-Hartman <gregkh@linuxfoundation.org>	2025-04-25 10:50:50 +0200
commit	5e1dcc5bfd7a2896178c604bc69d6ab9650967da (patch)	
tree	0a9b9ae8804a157a2c42c0d21273cc2b8a249ba5	
parent	ee9e233ab4ece31814a71b65f4d977b9f21ed358 (diff)	
download	linux-5e1dcc5bfd7a2896178c604bc69d6ab9650967da.tar.gz	

diff options

context: 3

space: include

mode: unified

mlxbf-bootctl: use sysfs_emit_at() in secure_boot_fuse_state_show()

```
[ Upstream commit b129005ddfc0e6daf04a6d3b928a9e474f9b3918 ]

A warning is seen when running the latest kernel on a BlueField SOC:
[251.512704] ------------[ cut here ]------------
[251.512711] invalid sysfs_emit: buf:0000000003aa32ae
[251.512720] WARNING: CPU: 1 PID: 705264 at fs/sysfs/file.c:767 sysfs_emit+0xac/0xc8

The warning is triggered because the mlxbf-bootctl driver invokes
"sysfs_emit()" with a buffer pointer that is not aligned to the
start of the page. The driver should instead use "sysfs_emit_at()"
to support non-zero offsets into the destination buffer.

Fixes: 9886f575de5a ("platform/mellanox: mlxbf-bootctl: use sysfs_emit() instead of sprintf()")
Signed-off-by: David Thompson <davthompson@nvidia.com>
Link: https://lore.kernel.org/r/20250407132558.2418719-1-davthompson@nvidia.com
Reviewed-by: Ilpo Järvinen <ilpo.jarvinen@linux.intel.com>
Signed-off-by: Ilpo Järvinen <ilpo.jarvinen@linux.intel.com>
Signed-off-by: Sasha Levin <sashal@kernel.org>
```

Diffstat

-rw-r--r--	drivers/platform/mellanox/mlxbf-bootctl.c	4

1 files changed, 2 insertions, 2 deletions

```
diff --git a/drivers/platform/mellanox/mlxbf-bootctl.c b/drivers/platform/mellanox/mlxbf-bootctl.c
index 9cae07348d5eb4..49d4394e9f8a3c 100644
--- a/drivers/platform/mellanox/mlxbf-bootctl.c
+++ b/drivers/platform/mellanox/mlxbf-bootctl.c
@@ -332,9 +332,9 @@ static ssize_t secure_boot_fuse_state_show(struct device *dev,
                        else
                                status = valid ? "Invalid" : "Free";
                }
-               buf_len += sysfs_emit(buf + buf_len, "%d:%s ", key, status);
+               buf_len += sysfs_emit_at(buf, buf_len, "%d:%s ", key, status);
        }
-       buf_len += sysfs_emit(buf + buf_len, "\n");
+       buf_len += sysfs_emit_at(buf, buf_len, "\n");

        return buf_len;
 }
```

generated by cgit 1.2.3-korg (git 2.43.0) at 2025-05-10 16:38:04 +0000