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commit [91037037ee3d611ce17f39d75f79c7de394b122a](#) (patch)
tree [09ebbf8fa31a8fb0c0c939c9bdb178cb0860b404](#)
parent [750d0ac001e85b754404178ee8ce01cbc76a03be](#) (diff)
download [linux-91037037ee3d611ce17f39d75f79c7de394b122a.tar.gz](#)

diff options

context:
space:
mode:

net/mlx5: Fix null-ptr-deref in mlx5_create_{inner_,}ttc_table()

Add NULL check for mlx5_get_flow_namespace() returns in
mlx5_create_inner_ttc_table() and mlx5_create_ttc_table() to prevent
NULL pointer dereference.

Fixes: 137f3d50ad2a ("net/mlx5: Support matching on l4_type for ttc_table")
Signed-off-by: Henry Martin <bsdhenrymartin@gmail.com>
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Diffstat

```
-rw-r--r-- drivers/net/ethernet/mellanox/mlx5/core/lib/fs_ttc.c 10
```

1 files changed, 10 insertions, 0 deletions

```
diff --git a/drivers/net/ethernet/mellanox/mlx5/core/lib/fs_ttc.c b/drivers/net/ethernet/mellanox/mlx5/core/lib/fs_ttc.c
index eb3bd9c7f66ebe..228d0f6570d4c2 100644
--- a/drivers/net/ethernet/mellanox/mlx5/core/lib/fs_ttc.c
+++ b/drivers/net/ethernet/mellanox/mlx5/core/lib/fs_ttc.c
@@ -655,6 +655,11 @@ struct mlx5_ttc_table *mlx5_create_inner_ttc_table(struct mlx5_core_dev *dev,
 }

 ns = mlx5_get_flow_namespace(dev, params->ns_type);
+ if (!ns) {
+     kvfree(ttc);
+     return ERR_PTR(-EOPNOTSUPP);
+ }

 groups = use_l4_type ? &inner_ttc_groups[TTC_GROUPS_USE_L4_TYPE] :
                    &inner_ttc_groups[TTC_GROUPS_DEFAULT];

@@ -728,6 +733,11 @@ struct mlx5_ttc_table *mlx5_create_ttc_table(struct mlx5_core_dev *dev,
 }

 ns = mlx5_get_flow_namespace(dev, params->ns_type);
+ if (!ns) {
+     kvfree(ttc);
+     return ERR_PTR(-EOPNOTSUPP);
+ }

 groups = use_l4_type ? &ttc_groups[TTC_GROUPS_USE_L4_TYPE] :
                    &ttc_groups[TTC_GROUPS_DEFAULT];
```