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commit [5dbb47ee89762da433cd8458788d7640c85f1a07](#) (patch)
tree [8beea027a5fe73c4b05624162bd68b7378b180c9](#)
parent [1c89642e7f2b7ecc9635610653f5c2f0276c0051](#) (diff)
download [linux-5dbb47ee89762da433cd8458788d7640c85f1a07.tar.gz](#)

diff options

context:

3 ▼

space:

include ▼

mode:

unified ▼

ipv6: fix WARNING in ip6_route_net_exit_late()

[Upstream commit 768b3c745fe5789f2430bdab02f35a9ad1148d97]

During the initialization of ip6_route_net_init_late(), if file ipv6_route or rt6_stats fails to be created, the initialization is successful by default. Therefore, the ipv6_route or rt6_stats file doesn't be found during the remove in ip6_route_net_exit_late(). It will cause WRNING.

The following is the stack information:

name 'rt6_stats'

WARNING: CPU: 0 PID: 9 at fs/proc/generic.c:712 remove_proc_entry+0x389/0x460

Modules linked in:

Workqueue: netns cleanup_net

RIP: 0010:remove_proc_entry+0x389/0x460

PKRU: 55555554

Call Trace:

<TASK>

ops_exit_list+0xb0/0x170

cleanup_net+0x4ea/0xb00

process_one_work+0x9bf/0x1710

worker_thread+0x665/0x1080

kthread+0x2e4/0x3a0

ret_from_fork+0x1f/0x30

</TASK>

Fixes: [cdb1876192db](#) ("[NETNS][IPV6] route6 - create route6 proc files for the namespace")

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Diffstat

```
-rw-r--r-- net/ipv6/route.c 14
```

1 files changed, 10 insertions, 4 deletions

diff --git a/net/ipv6/route.c b/net/ipv6/route.c

index cdf215442d373b..803d1aa83140c8 100644

--- a/net/ipv6/route.c

+++ b/net/ipv6/route.c

@@ -6405,10 +6405,16 @@ static void __net_exit ip6_route_net_exit(struct net *net)

```
static int __net_init ip6_route_net_init_late(struct net *net)
{
#ifdef CONFIG_PROC_FS
-   proc_create_net("ipv6_route", 0, net->proc_net, &ipv6_route_seq_ops,
-               sizeof(struct ipv6_route_iter));
-   proc_create_net_single("rt6_stats", 0444, net->proc_net,
-               rt6_stats_seq_show, NULL);
+   if (!proc_create_net("ipv6_route", 0, net->proc_net,
+               &ipv6_route_seq_ops,
+               sizeof(struct ipv6_route_iter)))
+       return -ENOMEM;
+
+   if (!proc_create_net_single("rt6_stats", 0444, net->proc_net,
+               rt6_stats_seq_show, NULL)) {
+       remove_proc_entry("ipv6_route", net->proc_net);
+       return -ENOMEM;
+   }
#endif
    return 0;
}
```