



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

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search

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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-10 18:17:19 +0100
commit [e724220b826e008764309d2a1f55a9434a4e1530](#) (patch)
tree [427928c05d12b034b2e81899e5a9890787ad0e73](#)
parent [8784df8f03747c0ec884e613f14f8ac017b6857b](#) (diff)
download [linux-e724220b826e008764309d2a1f55a9434a4e1530.tar.gz](#)

diff options

context:

3



space:

include



mode:

unified



ipvs: fix WARNING in __ip_vs_cleanup_batch()

[Upstream commit 3d00c6a0da8ddcf75213e004765e4a42acc71d5d]

During the initialization of ip_vs_conn_net_init(), if file ip_vs_conn or ip_vs_conn_sync fails to be created, the initialization is successful by default. Therefore, the ip_vs_conn or ip_vs_conn_sync file doesn't be found during the remove.

The following is the stack information:

```
name 'ip_vs_conn_sync'
WARNING: CPU: 3 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
Call Trace:
<TASK>
__ip_vs_cleanup_batch+0x7d/0x120
ops_exit_list+0x125/0x170
cleanup_net+0x4ea/0xb00
process_one_work+0x9bf/0x1710
worker_thread+0x665/0x1080
kthread+0x2e4/0x3a0
ret_from_fork+0x1f/0x30
</TASK>
```

Fixes: 61b1ab4583e2 ("IPVS: netns, add basic init per netns.")

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Diffstat

```
-rw-r--r-- net/netfilter/ipvs/ip_vs_conn.c 26
```

1 files changed, 21 insertions, 5 deletions

diff --git a/net/netfilter/ipvs/ip_vs_conn.c b/net/netfilter/ipvs/ip_vs_conn.c

index db13288fddfad8..cb6d68220c2653 100644

--- a/net/netfilter/ipvs/ip_vs_conn.c

+++ b/net/netfilter/ipvs/ip_vs_conn.c

```
@@ -1447,20 +1447,36 @@ int __net_init ip_vs_conn_net_init(struct netns_ipvs *ipvs)
{
```

```

        atomic_set(&ipvs->conn_count, 0);

-       proc_create_net("ip_vs_conn", 0, ipvs->net->proc_net,
-                       &ip_vs_conn_seq_ops, sizeof(struct ip_vs_iter_state));
-       proc_create_net("ip_vs_conn_sync", 0, ipvs->net->proc_net,
-                       &ip_vs_conn_sync_seq_ops,
-                       sizeof(struct ip_vs_iter_state));
#ifdef CONFIG_PROC_FS
+       if (!proc_create_net("ip_vs_conn", 0, ipvs->net->proc_net,
+                           &ip_vs_conn_seq_ops,
+                           sizeof(struct ip_vs_iter_state)))
+           goto err_conn;
+
+       if (!proc_create_net("ip_vs_conn_sync", 0, ipvs->net->proc_net,
+                           &ip_vs_conn_sync_seq_ops,
+                           sizeof(struct ip_vs_iter_state)))
+           goto err_conn_sync;
#endif
+
+       return 0;
+
#ifdef CONFIG_PROC_FS
+err_conn_sync:
+       remove_proc_entry("ip_vs_conn", ipvs->net->proc_net);
+err_conn:
+       return -ENOMEM;
#endif
    }

void __net_exit ip_vs_conn_net_cleanup(struct netns_ipvs *ipvs)
{
    /* flush all the connection entries first */
    ip_vs_conn_flush(ipvs);
#ifdef CONFIG_PROC_FS
    remove_proc_entry("ip_vs_conn", ipvs->net->proc_net);
    remove_proc_entry("ip_vs_conn_sync", ipvs->net->proc_net);
#endif
}

int __init ip_vs_conn_init(void)

```