Subject: [PATCH 5/5] netns netfilter: put table module on netns stop
Posted by Alexey Dobriyan on Thu, 24 Jan 2008 12:30:02 GMT
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When number of entries exceeds number of initial entries, foo-tables code
will pin table module. But during table unregister on netns stop,
that additional pin was forgotten.

Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>
---

 net/ipv4/netfilter/arp_tables.c | 3 +++
 net/ipv4/netfilter/ip_tables.c | 3 +++
 net/ipv6/netfilter/ip6_tables.c | 3 +++
 3 files changed, 9 insertions(+)

```
--- a/net/ipv4/netfilter/arp_tables.c
+++ b/net/ipv4/netfilter/arp_tables.c
@@ -1773,6 +1773,7 @@ void arpt_unregister_table(struct arpt_table *table)
 {
  struct xt_table_info *private;
  void *loc_cpu_entry;
+ struct module *table_owner = table->me;

  private = xt_unregister_table(table);

@@ -1780,6 +1781,8 @@ void arpt_unregister_table(struct arpt_table *table)
  loc_cpu_entry = private->entries[raw_smp_processor_id()];
  ARPT_ENTRY_ITERATE(loc_cpu_entry, private->size,
       cleanup_entry, NULL);
+ if (private->number > private->initial_entries)
+  module_put(table_owner);
  xt_free_table_info(private);
 }

--- a/net/ipv4/netfilter/ip_tables.c
+++ b/net/ipv4/netfilter/ip_tables.c
@@ -2095,12 +2095,15 @@ void ipt_unregister_table(struct xt_table *table)
 {
  struct xt_table_info *private;
  void *loc_cpu_entry;
+ struct module *table_owner = table->me;

  private = xt_unregister_table(table);

  /* Decrease module usage counts and free resources */
  loc_cpu_entry = private->entries[raw_smp_processor_id()];
  IPT_ENTRY_ITERATE(loc_cpu_entry, private->size, cleanup_entry, NULL);
```

```
+ if (private->number > private->initial_entries)
+  module_put(table_owner);
  xt_free_table_info(private);
 }

--- a/net/ipv6/netfilter/ip6_tables.c
+++ b/net/ipv6/netfilter/ip6_tables.c
@@ -2120,12 +2120,15 @@ void ip6t_unregister_table(struct xt_table *table)
 {
  struct xt_table_info *private;
  void *loc_cpu_entry;
+ struct module *table_owner = table->me;

  private = xt_unregister_table(table);

  /* Decrease module usage counts and free resources */
  loc_cpu_entry = private->entries[raw_smp_processor_id()];
  IP6T_ENTRY_ITERATE(loc_cpu_entry, private->size, cleanup_entry, NULL);
+ if (private->number > private->initial_entries)
+  module_put(table_owner);
  xt_free_table_info(private);
 }
```

Subject: Re: [PATCH 5/5] netns netfilter: put table module on netns stop
Posted by Patrick McHardy on Thu, 24 Jan 2008 17:48:48 GMT
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Alexey Dobriyan wrote:
> When number of entries exceeds number of initial entries, foo-tables code
> will pin table module. But during table unregister on netns stop,
> that additional pin was forgotten.

Applied, thanks.
