Subject: [PATCH] Remove /proc/net/stat/*_arp_cache upon module removal
Posted by Alexey Dobriyan on Thu, 01 Nov 2007 13:52:35 GMT
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neigh_table_init_no_netlink() creates them, but they aren't removed anywhere.

Steps to reproduce:

```
 modprobe clip
 rmmod clip
 cat /proc/net/stat/clip_arp_cache
```

```
BUG: unable to handle kernel paging request at virtual address f89d7758
printing eip: c05a99da *pdpt = 0000000000004001 *pde = 0000000004408067 *pte =
0000000000000000
Oops: 0000 [#1] PREEMPT SMP
Modules linked in: atm af_packet ipv6 binfmt_misc sbs sbshc fan dock battery backlight ac
power_supply parport loop rtc_cmos rtc_core rtc_lib serio_raw button k8temp hwmon amd_rng
sr_mod cdrom shpchp pci_hotplug ehci_hcd ohci_hcd uhci_hcd usbcore
Pid: 2082, comm: cat Not tainted
(2.6.24-rc1-b1d08ac064268d0ae2281e98bf5e82627e0f0c56-bloat #4)
EIP: 0060:[<c05a99da>] EFLAGS: 00210256 CPU: 0
EIP is at neigh_stat_seq_next+0x26/0x3f
EAX: 00000001 EBX: f89d7600 ECX: c587bf40 EDX: 00000000
ESI: 00000000 EDI: 00000001 EBP: 00000400 ESP: c587bf1c
 DS: 007b ES: 007b FS: 00d8 GS: 0033 SS: 0068
Process cat (pid: 2082, ti=c587b000 task=c5984e10 task.ti=c587b000)
Stack: c06228cc c5313790 c049e5c0 0804f000 c45a7b00 c53137b0 00000000 00000000
       00000082 00000001 00000000 00000000 00000000 fffffffb c58d6780 c049e437
       c45a7b00 c04b1f93 c587bfa0 00000400 0804f000 00000400 0804f000 c04b1f2f
Call Trace:
 [<c049e5c0>] seq_read+0x189/0x281
 [<c049e437>] seq_read+0x0/0x281
 [<c04b1f93>] proc_reg_read+0x64/0x77
 [<c04b1f2f>] proc_reg_read+0x0/0x77
 [<c048907e>] vfs_read+0x80/0xd1
 [<c0489491>] sys_read+0x41/0x67
 [<c04080fa>] sysenter_past_esp+0x6b/0xc1
 =======================
Code: e9 ec 8d 05 00 56 8b 11 53 8b 40 70 8b 58 3c eb 29 0f a3 15 80 91 7b c0 19 c0 85 c0 8d
42 01 74 17 89 c6 c1 fe 1f 89 01 89 71 04 <8b> 83 58 01 00 00 f7 d0 8b 04 90 eb 09 89 c2 83 fa
01 7e d2 31
EIP: [<c05a99da>] neigh_stat_seq_next+0x26/0x3f SS:ESP 0068:c587bf1c
```

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

```
 net/core/neighbour.c |    2 ++
```

1 file changed, 2 insertions(+)

```
--- a/net/core/neighbour.c
+++ b/net/core/neighbour.c
@@ -1435,6 +1435,8 @@ int neigh_table_clear(struct neigh_table *tbl)
  kfree(tbl->phash_buckets);
  tbl->phash_buckets = NULL;

+ remove_proc_entry(tbl->id, init_net.proc_net_stat);
+
  free_percpu(tbl->stats);
  tbl->stats = NULL;
```

Subject: Re: [PATCH] Remove /proc/net/stat/*_arp_cache upon module removal
Posted by davem on Tue, 06 Nov 2007 05:28:30 GMT

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From: Alexey Dobriyan <adobriyan@sw.ru>
Date: Thu, 1 Nov 2007 16:52:35 +0300

> neigh_table_init_no_netlink() creates them, but they aren't removed anywhere.
 ...
> Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

Applied, thanks Alexey.
