
Subject: Re: [PATCH v3] Race between cat /proc/kallsyms and rmmod
Posted by [Paulo Marques](#) on Mon, 19 Mar 2007 15:20:43 GMT

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Alexey Dobriyan wrote:

- > Iterating code of /proc/kallsyms calls module_get_kallsym() which grabs
- > and drops module_mutex internally and returns "struct module *",
- > module is removed, aforementioned "struct module *" is used in non-trivial
- > way.
- >
- > Steps to reproduce:
- >
- > modprobe/rmmod loop
- > cat /proc/kallsyms >/dev/null loop
- >
- > Copy all needed info under module_mutex.
- >
- > NOTE: this patch keeps module_mutex static.

Yes, this patch fixes the "cat /proc/kallsyms" race without changing any "external" interfaces, so I think it should go into mainline in any case.

Acked-by: Paulo Marques <pmarques@grupopie.com>

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"All I ask is a chance to prove that money can't make me happy."
