Subject: Re: [ckrm-tech] [RFC][PATCH 5/7] UBC: kernel memory accounting (core)
Posted by Dave Hansen on Fri, 18 Aug 2006 14:43:08 GMT
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On Fri, 2006-08-18 at 12:12 +0400, Kirill Korotaev wrote:
> LDT takes from 1 to 16 pages. and is allocated by vmalloc.
> do you propose to replace it with slab which can fail due to memory
> fragmentation?

Nope. ;)

> the same applies to fdset, fdarray, ipc ids and iptables entries.

The vmalloc area, along with all of those other structures _have_ other
data structures. Now, it will take a wee bit more patching to directly
tag those thing with explicit container pointers (or accounting
references), but I would much prefer that, especially for the things
that are larger than a page.

I worry that this approach was used instead of patching all of the
individual subsystems because this was easier to maintain as an
out-of-tree patch, and it isn't necessarily the best approach.

-- Dave