
Subject: Re: [ckrm-tech] [PATCH 9/13] BC: locked pages (charge hooks)

Posted by [dev](#) on Wed, 06 Sep 2006 14:16:42 GMT

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Nick,

> Kirill Korotaev wrote:

>

>

>>Introduce calls to BC core over the kernel to charge locked memory.

>>

>>Normaly new locked piece of memory may appear in insert_vm_struct,

>>but there are places (do_mmap_pgoff, dup_mmap etc) when new vma

>>is not inserted by insert_vm_struct(), but either link_vma-ed or

>>merged with some other - these places call BC code explicitly.

>>

>>Plus sys_mlock[all] itself has to be patched to charge/uncharge

>>needed amount of pages.

>

>

>

> I still haven't heard your good reasons why such a complex scheme is

> required when my really simple proposal of unconditionally charging

> the page to the container it was allocated by.

Nick can you elaborate what your proposal is?

Probably I missed it somewhere...

> That has the benefit of not being full of user explotable holes and

> also not putting such a huge burden on mm/ and the wider kernel in

> general.

I guess you will have to account locked pages still and

thus complexity won't be reduced much in this regard...

Thanks,

Kirill
