
Subject: Re: [ckrm-tech] [PATCH 11/13] BC: vmrss (preparations)

Posted by [Balbir Singh](#) on Thu, 07 Sep 2006 16:28:45 GMT

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Kirill Korotaev wrote:

> This patch does simple things:

> - intruduces an bc_magic field on beancunter to make sure

> union on struct page is correctly used in next patches

> - adds nr_beancounters

> - adds unused_privvmpages variable (counter of privvm pages

> which are not mapped into VM address space and thus potentially

> can be allocated later)

>

> +static inline void privvm_uncharge(struct beancounter *bc, unsigned long sz)

> +{

> + if (unlikely(bc->unused_privvmpages < sz)) {

> + printk("BC: overuncharging %d unused pages: val %lu held %lu\n",

> + bc->bc_id, sz, bc->unused_privvmpages);

I hit this path, when I do not enable CONFIG_BEANCOUNTERS_RSS. I suspect it has something to do with the code in mod_rss_pages(). I suspect the that CONFIG_BEANCOUNTERS_RSS needs to be enabled to get the accounting right.

In addition, Could you please make this a warning with KERN_WARNING.

> + sz = bc->unused_privvmpages;

> + }

> + bc->unused_privvmpages -= sz;

> + bc_update_privvmpages(bc);

> + }

> +

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