
Subject: Re: [PATCH][just for review] memory controller enhancements [4/5]
statistics for memory cgroup

Posted by [Balbir Singh](#) on Tue, 16 Oct 2007 03:55:43 GMT

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KAMEZAWA Hiroyuki wrote:

> On Tue, 16 Oct 2007 07:38:23 +0900 (JST)

> yamamoto@valinux.co.jp (YAMAMOTO Takashi) wrote:

>

>>>>> +/*

>>>>> + * For batching....mem_cgroup_charge_statistics()(see below).

>>>>> + */

>>>>> +static inline void mem_cgroup_stat_add(struct mem_cgroup_stat *stat,

>>>>> + enum mem_cgroup_stat_index idx, int val)

>>>>> +{

>>>>> + int cpu = smp_processor_id();

>>>>> + stat->cpustat[cpu].count[idx] += val;

>>>>> +}

>>>> i think the function name should be something which implies batching.

>>>>

>>> Hm, How about this ?

>>> ==

>>> mem_cgroup_stat_add_atomic()

>>> ==

>>> and add this

>>> ==

>>> VM_BUG_ON(preempt_count() == 0)

>>> ==

>> _atomic sounds like a different thing to me. _nonpreemptible?

>>

> Hmm, ok.

>

> Thanks,

> -Kame

>

How about we call it __mem_cgroup_add_stat() and add a comment stating
that the routine should be called with pre-emption disabled?

We can also add the VM_BUG_ON() suggested.

--

Warm Regards,

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