
Subject: Re: [RFC PATCH 0/5] memcg: VM overcommit accounting and handling
Posted by [Andrea Righi](#) on Tue, 10 Jun 2008 08:30:29 GMT

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Pavel Emelyanov wrote:

> Balbir Singh wrote:

>> KAMEZAWA Hiroyuki wrote:

>>> On Tue, 10 Jun 2008 01:32:58 +0200

>>> Andrea Righi <righi.andrea@gmail.com> wrote:

>>>

>>>> Provide distinct cgroup VM overcommit accounting and handling using the memory
>>>> resource controller.

>>>>

>>> Could you explain the benefits of this even when we have memrlimit controller ?

>>> (If unsure, see 2.6.26-rc5-mm1 and search memrlimit controller.)

>>>

>>> And this kind of virtual-address-handling things should be implemented on

>>> memrlimit controller (means not on memory-resource-controller.).

>>> It seems this patch doesn't need to handle page_group.

>>>

>>> Considering hierarchy, putting several kinds of features on one controller is

>>> not good, I think. Balbir, how do you think ?

>>>

>> I would tend to agree. With the memrlimit controller, can't we do this in user

>> space now? Figure out the overcommit value and based on that setup the memrlimit?

>

> I also agree with Balbir and Kamezawa. Separate controller for VM (i.e. vma-s

> lengths) is more preferable, rather than yet another fancy feature on top of

> the existing rss one.

>

Yep! it seems I totally miss the memrlimit controller. I was trying to implement pretty the same functionalities, using a different approach. However, I agree that a separate controller seems to be a better solution.

Thank you all for pointing in the right direction. I'll test memrlimit controller and give a feedback.

-Andrea

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