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Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4)  
(added user memory)

Posted by [Chandra Seetharaman](#) on Wed, 13 Sep 2006 00:02:12 GMT

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On Tue, 2006-09-12 at 10:22 -0700, Rohit Seth wrote:

> On Tue, 2006-09-12 at 16:14 +0530, Srivatsa Vaddagiri wrote:

> > On Mon, Sep 11, 2006 at 12:10:31PM -0700, Rohit Seth wrote:

> > > It seems that a single notion of limit should suffice, and that limit

> > > should more be treated as something beyond which that resource

> > > consumption in the container will be throttled/not\_allowed.

> >

> > The big question is : are containers/RG allowed to use \*upto\* their

> > limit always? In other words, will you typically setup limits such that

> > sum of all limits = max resource capacity?

> >

>

> If a user is really interested in ensuring that all scheduled jobs (or

> containers) get what they have asked for (guarantees) then making the

> sum of all container limits equal to total system limit is the right

> thing to do.

>

> > If it is setup like that, then what you are considering as limit is

> > actually guar no?

> >

> Right. And if we do it like this then it is up to sysadmin to configure

> the thing right without adding additional logic in kernel.

It won't be a complete solution, as the user won't be able to

- set both guarantee and limit for a resource group

- use limit on some and guarantee on some

- optimize the usage of available resources

>

> -rohit

>

>

>

> -----

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>

> [ckrm-tech mailing list](#)

> <https://lists.sourceforge.net/lists/listinfo/ckrm-tech>

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Chandra Seetharaman | Be careful what you choose....  
- sekharan@us.ibm.com | .....you may get it.

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