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

Posted by [Rohit Seth](#) on Fri, 15 Sep 2006 16:52:40 GMT

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On Fri, 2006-09-15 at 13:26 +0400, Kirill Korotaev wrote:

> Chandra Seetharaman wrote:

>

> > esoteric ?! Please look at the different operating system that provide
> > resource management and other resource management capability providers.
> > All of them have both guarantees and limits (they might call them
> > differently).

> >

> > Here are a few:

> > <http://www.hp.com/go/prm>

> > <http://www.sun.com/software/resourcemgr/>

> > <http://www.redbooks.ibm.com/redbooks/pdfs/sg245977.pdf>

> > http://www.vmware.com/pdf/vmware_drs_wp.pdf

> > <http://www.aurema.com>

> have you ever tested any of these?!

> there is no _memory_ guarantees AFAIK in all of them except

Interesting...

> for VMware which can reserve required amount of RAM for VM.

It is much easier to provide guarantees in complete virtual environments. But then you pay the cost in terms of performance.

I think we should punt on hard guarantees and fractions for the first draft. Keep the implementation simple.

-rohit
