Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)
Posted by Rohit Seth on Wed, 13 Sep 2006 01:33:38 GMT
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On Tue, 2006-09-12 at 18:13 -0700, Chandra Seetharaman wrote:
> On Tue, 2006-09-12 at 17:43 -0700, Rohit Seth wrote:
> <snip>
>
> > > 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
> >
> > I think, if we have some of the dynamic resource limit adjustments
> > possible then some of the above functionality could be achieved. And I
> > think that could be a good start point.
>
>
> Yes, dynamic resource adjustments should be available. But, you can't
> expect the sysadmin to sit around and keep tweaking the limits so as to
> achieve the QoS he wants. (Even if you have an application sitting and
> doing it, as I pointed in other email it may not be possible for
> different scenarios).
> >

As said earlier, if strict QoS is desired then system should be appropriately partitioned so that the sum of limits doesn't exceed physical limit (that is cost of QoS). Let us first get at least that much settled on and accepted in mainline before getting into these esoteric features.

-rohit