Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)
Posted by Pavel Emelianov on Tue, 19 Sep 2006 08:06:39 GMT
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Chandra Seetharaman wrote:
> On Mon, 2006-09-18 at 16:37 +0400, Pavel Emelianov wrote:
>
>> Balbir Singh wrote:
>>
>> [snip]
>>
>>> The program (calculate_limits()) listed on the website does not work for
>>> the following case
>>>
>>> N=2;
>>> R=100;
>>> g[2] = {30, 30};
>>>
>>>
>>> The output is -10 and -10 for the limits
>>>
>>> For
>>>
>>> N=3;
>>> R=100;
>>> g[3] = {30, 30, 10};
>>>
>>> I get -70, -70 and -110 as the limits
>>>
>>> Am I interpreting the parameters correctly? Or the program is broken?
>>>
>>>
>> Program on site is broken. Thanks for noticing:
>>
>> $ gcc guar.c -o guar
>> $ ./guar 30 30
>> guar lim
>>   30 70 (70/1)
>>   30 70 (70/1)
>> $ ./guar 30 30 10
>> guar lim
>>   30 45 (90/2)
>>   30 45 (90/2)
>>   10 25 (50/2)
>>
>
> I am confused. Are you changing the parameters on how the user want the

> groups to be controlled.
>

Nope. I just calculate some auxiliary values to acheive the goal.

> They want the resource usage to be between 30 and 70, but you change it
> to be 30-45.
>

User wants group to consume _at_least_ 30%. I do provide it, but do not
prevent it from consuming more.

>
>> To stop future "errors" remember that this is a simplified program that
>> considers guarantees to be <= 100%, sum of guarantees to be <= 100% etc.
>>
>>
>> _____
>> ckrm-tech mailing list
>> https://lists.sourceforge.net/lists/listinfo/ckrm-tech
>>