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

Posted by [Pavel Emelianov](#) on Fri, 15 Sep 2006 11:15:45 GMT

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Kirill Korotaev wrote:

[snip]

>> I have a C program that computes limits to obtain desired guarantees  
>> in a single 'for (i = 0; i < n; n++)' loop for any given set of guarantees.  
>> With all error handling, beautifull output, nice formatting etc it weights  
>> only 60 lines.

Look at [http://wiki.openvz.org/Containers/Guarantees\\_for\\_resources](http://wiki.openvz.org/Containers/Guarantees_for_resources)  
I've described there how a guarantee can be get with limiting in details.

[snip]

>> I do not 'do not like guarantee'. I'm just sure that there are two ways  
>> for providing guarantee (for unreclaimable resorces):  
>> 1. reserving resource for group in advance  
>> 2. limit resource for others  
>> Reserving is worse as it is essentially limiting (you cut off 100Mb from  
>> 1Gb RAM thus limiting the other groups by 900Mb RAM), but this limiting  
>> is too strict - you have to reserve less than RAM size. Limiting in  
>> run-time is more flexible (you may create an overcommitted BC if you  
>> want to) and leads to the same result - guarantee.  
> I think this deserves putting on Wiki.  
> It is very good clear point.

This is also on the page I gave link at.

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