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

Posted by [Balbir Singh](#) on Tue, 05 Sep 2006 16:53:21 GMT

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Kirill Korotaev wrote:

- > Core Resource Beancounters (BC) + kernel/user memory control.

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- > BC allows to account and control consumption

- > of kernel resources used by group of processes.

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- > Draft UBC description on OpenVZ wiki can be found at

- > [http://wiki.openvz.org/UBC\\_parameters](http://wiki.openvz.org/UBC_parameters)

- >

- > The full BC patch set allows to control:

- > - kernel memory. All the kernel objects allocatable

- > on user demand should be accounted and limited

- > for DoS protection.

- > E.g. page tables, task structs, vmas etc.

One of the key requirements of resource management for us is to be able to migrate tasks across resource groups. Since bean counters do not associate a list of tasks associated with them, I do not see how this can be done with the existing bean counters.

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