Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)
Posted by Pavel Emelianov on Wed, 06 Sep 2006 08:34:33 GMT

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Balbir Singh wrote:
> Kirill Korotaev wrote:
>> Core Resource Beancounters (BC) + kernel/user memory control.
>>
>> BC allows to account and control consumption
>> of kernel resources used by group of processes.
>>
>> Draft UBC description on OpenVZ wiki can be found at
>> 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
Then could you tell me please what to do with all the resources allocated
by the task you are moving to another group?
> a list of tasks associated with them, I do not see how this can be done
> with the existing bean counters.
>
Associating a list of tasks with beancounter is not so hard actually.
The question is wether this is usefull (regarding my previous comment).