Subject: Re: [ckrm-tech] [PATCH 4/7] UBC: syscalls (user interface) Posted by dev on Tue, 22 Aug 2006 08:50:14 GMT

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Paul Jackson wrote:

>>this doesn't allow memory overcommitment, does it?

> >

> Uh - no - I don't think so. You can over commit

- > the memory of a task in a small cpuset just as well
- > as you can a task in a big cpuset or even one in the
- > top cpuset covering the entire system.

>

> Perhaps I didn't understand your point.

My point was that when you have lots of containers their summary memory limit can be much higher then available RAM. This allows bursts of memory usage for containers, since it is very unlikely for all of them to consume the memory simulatenously. E.g. hosters usually oversell memory say 2 times on the node.

So the question was whether it is possbile to overcommit memory with NUMA emulation?

Thanks, Kirill