Subject: Re: [PATCH] Simplify memory controller and resource counter I/O
Posted by Paul Menage on Fri, 05 Oct 2007 03:38:35 GMT
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On 10/4/07, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:
>
> Forbidding writing to the root resource counter is a policy decision
> I am unable to make up my mind about. It sounds right, but unless
> we have a notion of unlimited resources, I am a bit concerned about
> taking away this flexibility.

One big reason for doing this is to make virtualization easier - if
you expect not to be able to write to your root cgroup's limits files,
then it's easier to make them non-writeable for a virtual server.

>
> >> One arguable drawback to this patch is that the use of memparse() is
> >> lost in the cleanup. Having said that, given the existing of shell
> >> arithmetic, it's not clear to me that typing
> >>
>
> memparse(), makes it so much easier, we need to use it.
>
> >> echo $[2<<30] > memory.limit
> >>
>
> Very geeky! I don't like it personally

Why do you dislike it? Do you really believe that anyone using this
interface by hand isn't going to know that MB is 2^20 and GB is 2^30?

>
> Do read_uint() and write_uint(), just read and write unsigned
> integers?

Correct.

Paul

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