
Subject: Re: Summary of resource management discussion
Posted by [Srivatsa Vaddagiri](#) on Tue, 13 Mar 2007 17:58:20 GMT
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On Tue, Mar 13, 2007 at 05:24:59PM +0100, Herbert Poetzl wrote:

> what about identifying different resource categories and
> handling them according to the typical usage pattern?
>
> like the following:
>
> - cpu and scheduler related accounting/limits
> - memory related accounting/limits
> - network related accounting/limits
> - generic/file system related accounting/limits
>
> I don't worry too much about having the generic/file stuff
> attached to the nsproxy, but the cpu/sched stuff might be
> better off being directly reachable from the task

I think we should experiment with both combinations (a direct pointer to `cpu_limit` structure from `task_struct` and an indirect pointer), get some numbers and then decide. Or do you have results already with respect to that?

> > 3. How are cpusets related to vserver/containers?
> >
> > Should it be possible to, lets say, create exclusive cpusets and
> > attach containers to different cpusets?
>
> that is what Linux-VServer does atm, i.e. you can put
> an entire guest into a specific cpu set

Interesting. What abt `/dev/cpuset` view? Is that same for all containers or do you restrict that view to the containers cpuset only?

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Regards,
vatsa

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