

---

Subject: Re: Summary of resource management discussion  
Posted by [Herbert Poetzl](#) on Tue, 13 Mar 2007 23:50:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Tue, Mar 13, 2007 at 11:28:20PM +0530, Srivatsa Vaddagiri wrote:

> 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?

nope, no numbers for that, but I appreciate some testing  
and probably can do some testing in this regard too  
(although I want to get some testing done for the resource  
sharing between guests first)

> > > 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?

host only for now

best,  
Herbert

> Is that same for all containers or do you restrict that view  
> to the containers cpuset only?

>

> --

> Regards,

> vatsa

>

---

> Containers mailing list

> Containers@lists.osdl.org

> <https://lists.osdl.org/mailman/listinfo/containers>

---

Containers mailing list

Containers@lists.osdl.org

<https://lists.osdl.org/mailman/listinfo/containers>

---