Subject: Re: containers and cgroups mini-summit @ Linux Plumbers
Posted by Glauber Costa on Wed, 25 Jul 2012 10:00:41 GMT
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On 07/25/2012 02:00 PM, Eric W. Biederman wrote:
> Glauber Costa <glommer@parallels.com> writes:
>
>> On 07/12/2012 01:41 AM, Kir Kolyshkin wrote:
>>> Gentlemen,
>>>
>>> We are organizing containers mini-summit during next Linux Plumbers (San
>>> Diego, August 29-31).
>>> The idea is to gather and discuss everything relevant to namespaces,
>>> cgroups, resource management,
>>> checkpoint-restore and so on.
>>>
>>> We are trying to come up with a list of topics to discuss, so please
>>> reply with topic suggestions, and
>>> let me know if you are going to come.
>>>
>>> I probably forgot a few more people (such as, I am not sure who else
>>> from Google is working
>> on cgroups stuff), so fill free to forward this to anyone you believe
>>> should go,
>>> or just let me know whom I missed.
>>>
>>> Regards,
>>>   Kir.
>>
>> BTW, sorry for not replying before (vacations + post-vacations laziness)
>>
>> I would be interested in adding /proc virtualization to the discussion.
>> By now it seems userspace would be the best place for that to happen, in
>> a fuse overlay. I know Daniel has an initial implementation of that, and
>> it would be good to have it as library that both OpenVZ and LXC (and
>> whoever else wants) can use.
>>
>> Shouldn't take much time...
>
> What would you need proc virtualization for?
>

proc provides a lot of information that userspace tools rely upon.
For instance, when running top, you can draw per-process figures from
what we have now, but you can't make sense of percentages without
aggregating container-wide information.

When you read /proc/cpuinfo, as well, you would expect to see something

that matches your container configuration.

"free" is another example. The list go on.