Subject: Re: [ckrm-tech] [PATCH 7/7] containers (V7): Container interface to nsproxy subsystem
Posted by xemul on Thu, 05 Apr 2007 07:18:59 GMT
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Paul Menage wrote:
> On 4/4/07, Pavel Emelianov <xemul@sw.ru> wrote:
>> Paul Menage wrote:
>> > On 4/3/07, Kirill Korotaev <dev@sw.ru> wrote:
>> >>
>> >> Sounds reasonable.
>> >> Pavel is preparing new RSS patches on top of your patches
>> >> which take into account other comments and Andrew objections.
>> >> Can we cooperate to send it altogher then?
>> >
>> > Sure. Do you want to send me any core container changes that you have?
>>
>> Actually I don't have any right now. Everything is built at
>> the top of 2.6.20 patches you sent.
>>
>> Maybe you will send me (give an URL) the preliminary patches
>> for more fresh kernel and I'll check what is still needed
>> for RSS container?
>>
>> I remind that I had only two problems with containers:
>> 1. fork hook was called to early - before the new task
>>   initializes completely
>
> OK, looking at this, it's not clear where the best place to call it
> is. "As late as possible" sounds like a reasonable idea, but that
> messes up the current support for the nsproxy container subsystem,
> which wants to be able to move the current task into a new container
> based on nsproxy unsharing, after we've added the new task to its
> parent. I can imagine other subsystems maybe wanting to clone the
> current container at fork time too.
>
> That sort of implies that we need to split the container fork
> mechanism up into two parts, one early to add the refcount to the
> parent's container_group, and one late to handle the callbacks if
> desired. But that should be pretty straightforward.

Splitting sounds good. I'll try to prepare an appropriate patch.

>> 2. early need for rss containers (earlier than initcalls
>>   are called)
>
> Couldn't you copy the way cpuset_init_early() works?

I did this in my previous version of rss container,
but I think it can be generalized. This is initialization
code that must not be nice-looking, but if it can be it
should be.

> Paul
>

_____
Containers mailing list
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