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Subject: Re: [ckrm-tech] [PATCH 7/7] containers (V7): Container interface to nsproxy subsystem

Posted by [Paul Menage](#) on Thu, 05 Apr 2007 07:06:23 GMT

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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 altogether 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.

> 2. early need for rss containers (earlier than initcalls

> are called)

Couldn't you copy the way `cpuset_init_early()` works?

Paul

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Containers mailing list

