
Subject: Re: containers and cgroups mini-summit @ Linux Plumbers
Posted by [Serge E. Hallyn](#) on Wed, 25 Jul 2012 12:15:47 GMT
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Quoting Glauber Costa (glommer@parallels.com):
> On 07/25/2012 03:51 PM, Serge Hallyn wrote:
> > Quoting Glauber Costa (glommer@parallels.com):
> >> 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 feel free to forward this to anyone you believe
> >>> should go,
> >>> or just let me know whom I missed.
> >>>
> >>> Regards,
> >>> Kir.
> >>
> >> I just came up with the following preliminary list of sessions:
> >>
> >> <http://wiki.linuxplumbersconf.org/2012:containers>
> >
> > Thanks. We could also add devices namespace to the list. I'm fine NOT
> > having it in the list, as I think we're agreed that it should come after
> > user namespaces are complete.
> >
> > How about a "future of namespaces" generic placeholder?

Sure. And I suppose syslog and time ns could also fall under that. Issues to discuss include:

1. what other namespaces do people expect to need?
2. justifications for the proposed namespaces, and other potential ways to address each. I.e., for devices ns, two justifications are (1) per-container loop devices (could be pre-allocated with containers aware of which /dev/loopN index they may use), and (2) filtering uevents only to appropriate containers to limit the uevent storm when

containers do udevadm trigger --action=add (not sure, but we can brainstorm other solutions).

3. semantics for the namespace - I.e syslog namespace, how do we decide whether/when to unshare it, is it owned by a user namespace or a pid namespace, etc.
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