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Subject: Re: OLS paper topics

Posted by [Cedric Le Goater](#) on Wed, 30 Jan 2008 09:53:26 GMT

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>> == Topic ==

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>> Namespaces, containers, cgroups, and container checkpoint/restart.

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>> == Description ==

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>> Development for namespaces and cgroups is well underway in the  
>> mainline kernel. To keep momentum going and keep the loosely  
>> knit teams of developers well-coordinated, a physical meeting in  
>> which to discuss future development plans is needed.

>> Additionally, we are at a point where crucial decisions about  
>> the nature of a "container object" and about the checkpoint/restart  
>> design need to be made.

>>

>> A final set of topics will be decided upon through mailing lists  
>> ahead of time, but potential topics include:

>> \* Handling filesystem/namespace synchronization

>> \* Handling of /proc and /sysfs within containers

>> \* Additional needed namespaces (i.e. device namespace)

>> \* Nature of a 'container' — kernel object or userspace fiction

>> \* Additional cgroups and their design

>> \* How to initiate and synchronize checkpoint/restart

>> \* How to enter a 'container' ?

>>

>

> Resource Management for containers?

Yes we need that. There are a few possible conflicts in requirements  
that need to be discussed. For example, a resource management req  
would be to be able to move a process from one group to another and  
C/R wouldn't.

>> == Moderators ==

>> {{Out|These are just suggestions, please edit here or let us know if you  
>> do or do not want to moderate.}}

>>

>> \* Namespaces/containers: Serge Hallyn, Cedric Le Goater

>> \* cgroups: Paul Menage

>> \* Checkpoint/restart: Dave Hansen, Cedric Le Goater

IMO, 2 is a minimum to get the work done (it will require a minimum of  
organization) but the moderators don't necessarily have to be from the  
same team.

Or, having some one in charge of the logistics would be better ? In that case, you can remove me from the moderators.

> Resource Management? - I don't mind moderating that if it happens to be  
> included in the summit or can we merge it with cgroups?

Good thing.

Cheers,

C.

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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