Subject: Re: OLS paper topics

Posted by Balbir Singh on Wed, 30 Jan 2008 08:58:13 GMT

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Kir Kolyshkin wrote:
> Serge E. Hallyn wrote:
>> Quoting Kir Kolyshkin (kir@openvz.org):
>>
>>> Serge E. Hallyn wrote:
>>>
>>>> mini-summit:
>>>>   I will submit for a 1-day mini-summit. Some interesting
>>>>   remaining topics for the mini-summit would include device
>>>>   namespaces, ttys and syslog, and lots of checkpoint/restart.
>>>>
>>> That's right, obviously the title of the mini-summit would be something
>>> like "Linux Kernel Containers".
>>>
>>
>> Attached is what I currently had for a proposal to send to the OLS
>> committee. (Please feel free to edit and add to the wiki)
>>
>
> Some people have made a few minor changes in the version at wiki. I
> guess no more major changes will be done. Here it is:
>
> == Topic ==
>
> Namespaces, containers, cgroups, and container checkpoint/restart.
>
> == Description ==
>
> 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?

> == 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
>

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

> == Expected Time Required ==
>
> One day.
>
> == Number of Attendees ==
>
> Approximately 30.
>
> == Technical Requirements ==
>
> * Projector and screen
> * Whiteboard
> * Network access
> * Power for laptops
> * doughnuts and croissants for participants
> _____
> Containers mailing list
> Containers@lists.linux-foundation.org
> https://lists.linux-foundation.org/mailman/listinfo/containers

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 Warm Regards,
 Balbir Singh
 Linux Technology Center
 IBM, ISTL

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