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Subject: mini-summit agenda

Posted by [serue](#) on Mon, 21 Apr 2008 14:25:24 GMT

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Hi,

the proposed agenda for the mini-summit is up (and editable) at [http://wiki.openvz.org/Containers/Mini-summit\\_2008](http://wiki.openvz.org/Containers/Mini-summit_2008). Please take a look and edit or email the list with any suggested updates.

Right now I'm thinking 9-11am namespaces, 11-12 for general cgroup, 12-2 lunch, 2-3 for continued cgroup or other resource management, and 3-5 for checkpoint restart. Or maybe we make the sessions longer but do cgroups and checkpoint/restart at the same time.

One suggestion was to have some time at the end for presentations particularly on works in progress. We're pretty short on time as is, but if there is significant or just really cool work being done we should try to work it in. Does anyone have anything they'd want to do a short presentation about?

thanks,  
-serge

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Subject: Re: mini-summit agenda

Posted by [Cedric Le Goater](#) on Fri, 06 Jun 2008 07:01:51 GMT

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Hello !

Serge E. Hallyn wrote:

> Hi,

>

> the proposed agenda for the mini-summit is up (and editable)  
> at [http://wiki.openvz.org/Containers/Mini-summit\\_2008](http://wiki.openvz.org/Containers/Mini-summit_2008). Please  
> take a look and edit or email the list with any suggested updates.

Unfortunately, I can not attend. Daniel Lezcano will replace me.

Thanks,

C.

> Right now I'm thinking 9-11am namespaces, 11-12 for general cgroup, 12-2  
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> done we should try to work it in. Does anyone have anything they'd  
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>  
> thanks,  
> -serge

>  
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Subject: Re: mini-summit agenda  
Posted by [serue](#) on Fri, 06 Jun 2008 13:31:40 GMT  
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Quoting Cedric Le Goater (clg@fr.ibm.com):

> Hello !  
>  
> Serge E. Hallyn wrote:  
> > Hi,  
> >  
> > the proposed agenda for the mini-summit is up (and editable)  
> > at [http://wiki.openvz.org/Containers/Mini-summit\\_2008](http://wiki.openvz.org/Containers/Mini-summit_2008). Please  
> > take a look and edit or email the list with any suggested updates.  
>  
> Unfortunately, I can not attend. Daniel Lezcano will replace me.

Sorry to hear that, Cedric. So far I'm pretty sure we'll have Dave Hansen, Oren Laadan, Daniel, and myself. 22 people put their names down on the wiki list, but I wonder how many ended up able to travel?

> Thanks,  
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> C.

>  
> > Right now I'm thinking 9-11am namespaces, 11-12 for general cgroup, 12-2  
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> > thanks,  
> > -serge  
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Subject: Re: mini-summit agenda  
Posted by [Benjamin Thery](#) on Fri, 06 Jun 2008 13:44:43 GMT  
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Serge E. Hallyn wrote:  
> Quoting Cedric Le Goater (clg@fr.ibm.com):  
>> Hello !  
>>  
>> Serge E. Hallyn wrote:  
>>> Hi,  
>>>  
>>> the proposed agenda for the mini-summit is up (and editable)  
>>> at [http://wiki.openvz.org/Containers/Mini-summit\\_2008](http://wiki.openvz.org/Containers/Mini-summit_2008). Please  
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>> Unfortunately, I can not attend. Daniel Lezcano will replace me.  
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> Sorry to hear that, Cedric. So far I'm pretty sure we'll have Dave  
> Hansen, Oren Laadan, Daniel, and myself. 22 people put their names  
> down on the wiki list, but I wonder how many ended up able to travel?

I'll be there too to bring my modest contribution.

Benjamin

>  
>> Thanks,  
>>  
>> C.  
>>  
>>> Right now I'm thinking 9-11am namespaces, 11-12 for general cgroup, 12-2  
>>> lunch, 2-3 for continued cgroup or other resource management, and 3-5  
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>  
>

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Benjamin Thery - BULL/DT/Open Software R&D

<http://www.bull.com>

\_\_\_\_\_  
Containers mailing list  
Containers@lists.linux-foundation.org  
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Subject: Re: mini-summit agenda  
Posted by [Masahiko Takahashi](#) on Wed, 11 Jun 2008 09:37:33 GMT  
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Hi Serge,

On 2008-06-06 at 08:31 -0500, Serge E. Hallyn wrote:

> Quoting Cedric Le Goater (clg@fr.ibm.com):

>> Hello !

>>

>> Serge E. Hallyn wrote:

>>> Hi,

>>>

>>> the proposed agenda for the mini-summit is up (and editable)

>>> at [http://wiki.openvz.org/Containers/Mini-summit\\_2008](http://wiki.openvz.org/Containers/Mini-summit_2008). Please

>>> take a look and edit or email the list with any suggested updates.

>>

>> Unfortunately, I can not attend. Daniel Lezcano will replace me.

>

> Sorry to hear that, Cedric. So far I'm pretty sure we'll have Dave

> Hansen, Oren Laadan, Daniel, and myself. 22 people put their names

> down on the wiki list, but I wonder how many ended up able to travel?

I and Satoshi Uchida are gonna join!

Satoshi would be happy if there will be a little bit chance to discuss about disk I/O bandwidth control in the resource management session.

Thanks,

Masahiko.

---

Masahiko Takahashi // [m-takahashi@ex.jp.nec.com](mailto:m-takahashi@ex.jp.nec.com)

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Subject: Re: mini-summit agenda

Posted by [serue](#) on Wed, 11 Jun 2008 13:47:59 GMT

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Quoting Masahiko Takahashi ([m-takahashi@ex.jp.nec.com](mailto:m-takahashi@ex.jp.nec.com)):

> Hi Serge,

>

> On 2008-06-06 at 08:31 -0500, Serge E. Hallyn wrote:

>> Quoting Cedric Le Goater (clg@fr.ibm.com):

>>> Hello !

>>>

>>> Serge E. Hallyn wrote:

> > > > Hi,  
> > > >  
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> > Hansen, Oren Laadan, Daniel, and myself. 22 people put their names  
> > down on the wiki list, but I wonder how many ended up able to travel?  
>  
> I and Satoshi Uchida are gonna join!  
> Satoshi would be happy if there will be a little bit chance to  
> discuss about disk I/O bandwidth control in the resource management  
> session.

Excellent. Paul and Balbir will be moderating the cgroup and resource management section, but I'd be surprised if they refused to talk about it :)

thanks,  
-serge

---

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Subject: Re: mini-summit agenda  
Posted by [Midori Sugaya](#) on Sun, 15 Jun 2008 12:53:05 GMT  
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Hello all,

My name is Midori Sugara. I work for implementing cpu resource management system on Linux kernel. I had already implemented cpu and memory resource management system named CABI. Now we are trying to re-implement this system by cgroup mechanism. This project is now work in progress.

I hear cgroup meetnig will be held in Ottawa Linux kernel symposium, and I would like to attend this meeting for sharing latest informations and future roadmap of cgroups. Could I attend the meeting?

Best regards,

Midori Sugaya  
Project CABI: <http://osrg.dcl.info.waseda.ac.jp/~doly/cabi/>

On Wed, 11 Jun 2008 08:47:59 -0500  
"Serge E. Hallyn" <serue@us.ibm.com> wrote:

> Quoting Masahiko Takahashi (m-takahashi@ex.jp.nec.com):  
> > Hi Serge,  
> >  
> > On 2008-06-06 at 08:31 -0500, Serge E. Hallyn wrote:  
> > > Quoting Cedric Le Goater (clg@fr.ibm.com):  
> > > > Hello !  
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> > > > Serge E. Hallyn wrote:  
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> > > > > take a look and edit or email the list with any suggested updates.  
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> > > > Unfortunately, I can not attend. Daniel Lezcano will replace me.  
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> > Satoshi would be happy if there will be a little bit chance to  
> > discuss about disk I/O bandwidth control in the resource management  
> > session.  
>  
> Excellent. Paul and Balbir will be moderating the cgroup and resource  
> management section, but I'd be surprised if they refused to talk about  
> it :)  
>  
> thanks,  
> -serge  
>  
> -----  
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>

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Midori Sugaya  
Dependable Embedded OS R&D Center  
Japan Science and Technology Agency (JST)

tel: (+81-)3-3526-6724  
<http://www.dependable-os.net/>

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Subject: Re: mini-summit agenda  
Posted by [Dhaval Giani](#) on Sun, 15 Jun 2008 15:50:44 GMT  
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On Sun, Jun 15, 2008 at 09:53:05PM +0900, Midori Sugaya wrote:

> Hello all,  
>  
> My name is Midori Sugara. I work for implementing cpu resource  
> management system on Linux kernel. I had already implemented cpu  
> and memory resource management system named CABI.  
> Now we are trying to re-implement this system by cgroup mechanism.  
> This project is now work in progress.  
>

Hi Midori,

There already is a CPU and a memory resource management based on top of cgroups in mainline. How is your implementation different from the one already in mainline?

> I hear cgroup meetnig will be held in Ottawa Linux kernel symposium, and  
> I would like to attend this meeting for sharing latest informations and  
> future roadmap of cgroups.  
> Could I attend the meeting?  
>

Sure, it is open for all.

Thanks

--

regards,  
Dhaval

---

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Subject: Re: mini-summit agenda

Posted by [Midori Sugaya](#) on Mon, 16 Jun 2008 01:49:34 GMT

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Hi Dhaval,

> There already is a CPU and a memory resource management based on top of  
> cgroups in mainline. How is your implementation different from the one  
> already in mainline?

Basic idea is similar as the cpusets that it will set caps for processes.  
In our system, user set the period and maximum execution time for the  
group of processes through the cgroup filesystem.

The different is that our implementation uses hrtimer (kernel timer)  
functions to measure the time of execution for each process. It makes  
our system independent from the scheduler.

I think the point is different from the mainline cpusets implementation.  
Memory management is a simple mechanism to hook the pagefault function  
to track the quantum of using pages for group of processes.

Our implementation is focus on the embedded system which is the demand  
to control the task with absolute period and execution time and low overhead.

> > I hear cgroup meetnig will be held in Ottawa Linux kernel symposium, and  
> > I would like to attend this meeting for sharing latest informations and  
> > future roadmap of cgroups.  
> > Could I attend the meeting?  
> >  
>  
> Sure, it is open for all.

Thanks. I'm looking forward to joinig you.

Midori

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