
Subject: Re: [RFC][PATCH 0/1]a new optional function for task assignment to cgroup

Posted by [Dhaval Giani](#) on Wed, 05 Mar 2008 07:13:38 GMT

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On Tue, Mar 04, 2008 at 09:56:13PM -0800, Paul Menage wrote:

> Hi Kazunaga,

>

> On Tue, Mar 4, 2008 at 9:39 PM, Kazunaga Ikeno <k-ikeno@ak.jp.nec.com> wrote:

>> Hi -

>>

>> This is a patch of a new optional function for task assignment to cgroup, RFC.

>>

>>

>> == Purpose =====

>>

>> To provide the function that leads a task, corresponding to the conditions specified
>> beforehand, to a specific cgroup directory.

>>

>

> This is something that's been discussed before, originally as part of
> CKRM with a complex rule engine in the kernel space.

>

> Basically, the general agreement was that it's a case where a simple
> API is going to be too simple for the majority of users, and a complex
> API that satisfies everyone is going to be too messy/heavyweight.

>

> This is something that can be done in a userspace daemon via the
> process events connector - when you get a PROC_EVENT_UID event, you
> can move the process into the appropriate cgroup (you may also need to
> check any recently-forked children). This also gives you more
> flexibility than you can have in the kernel - you can base your
> decision on more complex factors than simply the uid of the process.

>

> Dhaval Giani had a prototype implementation of such a daemon.

>

The daemon was posted at

<http://article.gmane.org/gmane.linux.kernel/553267> . At that point control groups were called containers. These corrections will have to be made for it to run.

If I can get the time, I will clean it up and try to put it up somewhere.

Thanks,

--

regards,
Dhaval

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