
Subject: Re: Re: [ckrm-tech] containers development plans (July 10 version)
Posted by [Balbir Singh](#) on Wed, 11 Jul 2007 17:10:09 GMT
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Serge E. Hallyn wrote:

> Quoting Paul Menage (menage@google.com):

>> On 7/11/07, Takenori Nagano <t-nagano@ah.jp.nec.com> wrote:

>>> Hi,

>>>

>>> I think Balbir's idea is very simple and reasonable way to develop per
>>> container

>>> swapping. Because kernel needs the information that a target page belongs
>>> to

>>> which container. Fortunately, we already had page based memory management
>>> system

>>> which included in RSS controller. I think it is appropriate that we
>>> develop per

>>> container swapping on page based memory management system.
>>>

>> So what about people who want to do per-container swapping without
>> using a page-based memory controller?

>

> Hmm, yes, I'm a few steps behind, but will what Balbir is suggesting
> prevent me from just using a per-container swapfile for checkpointing
> an application? (where the checkpoint consists of kicking out the
> dirty pages to swap and making a new copy-on-write version of the
> swapfile)
>

I don't think it should. However, it would be nice to start this effort
right away, so that we can ensure it works both for memory control
and containers.

> thanks,
> -serge

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Warm Regards,
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