Subject: Re: [PATCH 0/2] dm-band: The I/O bandwidth controller: Overview
Posted by Peter Zijlstra on Wed, 23 Jan 2008 14:32:35 GMT
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On Wed, 2008-01-23 at 21:53 +0900, Ryo Tsuruta wrote:
> Hi everyone,
>
> I'm happy to announce that I've implemented a Block I/O bandwidth controller.
> The controller is designed to be of use in a cgroup or virtual machine
> environment. The current approach is that the controller is implemented as
> a device-mapper driver.

What definition of bandwidth does it use? Does it for example account
for seek latency?

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

Subject: Re: [PATCH 0/2] dm-band: The I/O bandwidth controller: Overview
Posted by Ryo Tsuruta on Wed, 23 Jan 2008 17:25:15 GMT
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Hi Peter,

> What definition of bandwidth does it use? Does it for example account
> for seek latency?

The bandwidth in dm-band is determined by the proportion of the
processing time of each device's tokens(I/Os) to the processing time
of all device's tokens(I/Os).
The processing time of one token(I/O) is determined by one I/O cycle
include seek latency, interrupt latency, etc...

Thanks,
Ryo Tsuruta <ryov@valinux.co.jp>

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