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Subject: Re: [dm-devel] [PATCH 0/2] dm-band: The I/O bandwidth controller: Overview

Posted by [Hirokazu Takahashi](#) on Wed, 23 Jan 2008 16:21:03 GMT

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Hi,

> On Wed, Jan 23, 2008 at 09:53:50PM +0900, Ryo Tsuruta wrote:  
> > Dm-band gives bandwidth to each job according to its weight,  
> > which each job can set its own value to.  
> > At this time, a job is a group of processes with the same pid or pgrp or uid.  
>  
> It seems to rely on 'current' to classify bios and doesn't do it until the map  
> function is called, possibly in a different process context, so it won't  
> always identify the original source of the I/O correctly:

Yes, this should be mentioned in the document with the current implementation as you pointed out.

By the way, I think once a memory controller of cgroup is introduced, it will help to track down which cgroup is the original source.

> people need to take  
> this into account when designing their group configuration and so this should  
> be mentioned in the documentation.  
>  
> I've uploaded it here while we consider ways we might refine the architecture and  
> interfaces etc.:  
>  
>  
<http://www.kernel.org/pub/linux/kernel/people/agk/patches/2.6/editing/dm-add-band-target.patch>  
>  
> Alasdair  
> --  
> [agk@redhat.com](mailto:agk@redhat.com)

Thank you,  
Hirokazu Takahashi.

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