

---

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

Posted by [Hirokazu Takahashi](#) on Thu, 24 Jan 2008 10:14:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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.  
>  
> do you mean to make this a part of the memory subsystem?

I just think if the memory subsystem is in front of us, we don't need to reinvent the wheel.

But I don't have a concrete image how the interface between dm-band and the memory subsystem should be designed yet. I'd be appreciate if some of the cgroup developers give some ideas about it.

Thanks,  
Hirokazu Takahashi.

> YAMAMOTO Takashi

---

Containers mailing list  
[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---