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Subject: [PATCH 4/4] Block I/O tracking  
Posted by [Hirokazu Takahashi](#) on Tue, 18 Mar 2008 09:31:48 GMT  
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Hi,

With this patch, dm-ioband can work with the bio cgroup.

Signed-off-by: Hirokazu Takahashi <taka@valinux.co.jp>

```
--- linux-2.6.25-rc3.ioload/drivers/md/dm-ioband-type.c 2008-03-13 22:27:45.000000000 +0900
+++ linux-2.6.25-rc3-mm1/drivers/md/dm-ioband-type.c 2008-03-17 15:57:32.000000000 +0900
@@ -6,6 +6,7 @@
 * This file is released under the GPL.
 */
#include <linux/bio.h>
+#include <linux/biocontrol.h>
#include "dm.h"
#include "dm-bio-list.h"
#include "dm-ioband.h"
@@ -57,13 +58,7 @@ static int ioband_node(struct bio *bio)

static int ioband_cgroup(struct bio *bio)
{
- /*
- * This function should return the ID of the cgroup which issued "bio".
- * The ID of the cgroup which the current process belongs to won't be
- * suitable ID for this purpose, since some BIOs will be handled by kernel
- * threads like aio or pdflush on behalf of the process requesting the BIOs.
- */
- return 0; /* not implemented yet */
+ return get_bio_cgroup_id(bio->bi_io_vec[0].bv_page);
}

struct group_type dm_ioband_group_type[] = {
```

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<https://lists.linux-foundation.org/mailman/listinfo/containers>

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