
Subject: Re: [PATCH] cfq: wrong sync writes detection
Posted by [Jens Axboe](#) on Mon, 11 Dec 2006 16:07:11 GMT
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On Mon, Dec 11 2006, Vasily Tarasov wrote:

```
> CFQ I/O scheduler does the following actions to
> find out whether the request is sync:
>
> rw = rq_data_dir(rq); => possible values for rw are 0 or 1
>
> static inline pid_t cfq_queue_pid(struct task_struct *task, int rw)
> {
>     if (rw == READ || rw == WRITE_SYNC) => second condition is always false
>         return task->pid;
>
>     return CFQ_KEY_ASYNC;
> }
>
> The following patch fixes the bug by adding sync parameter,
> which is obtained through bio_sync macros.
```

Good catch! Applied.

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Jens Axboe
