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Subject: Re: seems to be a flaw in cfq

Posted by [Vasily Tarasov](#) on Thu, 21 Dec 2006 09:03:20 GMT

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Hello, Jens,

Sorry for late answer.

The situation is the following:

direct seqread

(2.6.18) - reproducible

(2.6.20-rc1) - reproducible

(2.6.20-rc1 + your fix) - not reproducible

buffered randread

(2.6.18) - reproducible

(2.6.20-rc1) - not reproducible

(2.6.20-rc1 + your fix) - not reproducible

So the conclusion: problem with "direct seqread" is fixed by your patch (thanks!) and

the problem with "buffered randread" was fixed in 2.6.19/2.6.20.

Thanks for cooperation,

Vasily.

Jens Axboe wrote:

> On Wed, Dec 20 2006, Jens Axboe wrote:

>

>> I'm still seeing odd results with buffered io, while the direct case is

>> definitely fixed. So we are either looking at two bugs, or one bug that

>> the merge fixup hides.

>>

>

> Ah hang on, buffered reads will be serialized by the page cache. If I

> rerun the buffered randread case with anticipatory, the results are

> skewed in the other direction but still unfair. So I'm not sure there's

> a real bug there in the io scheduler.

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