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Subject: [PATCH] ecryptfs remove unnecessary flush\_dcache\_page

Posted by [Dmitriy Monakhov](#) on Thu, 22 Feb 2007 07:34:00 GMT

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Dmitriy Monakhov <dmonakhov@openvz.org> writes:

> 1)Function ecryptfs\_do\_readpage() calls flush\_dcache\_page(lower\_page),  
> but lower\_page wasn't changed here. So remove this line.  
>  
> 2)prepare\_write ret val was ignored in ecryptfs\_write\_inode\_size\_to\_header().  
> If error happens we can't call commit\_write, just do cleanup and fail.  
> It is issue easy to reproduce with full lower\_fs, in this case prepare\_write()  
Second issue was fixed by "ecryptfs-resolve-lower-page-unlocking-problem.patch",  
but first issue wasn't.

[LOG]

Function ecryptfs\_do\_readpage() calls flush\_dcache\_page(lower\_page),  
but lower\_page wasn't changed here. Even if it was changed by  
lower\_a\_ops->readpage() dcache was flushed by readpage() itself.  
So remove this unnecessary line.

Signed-off-by: Dmitriy Monakhov <dmonakhov@openvz.org>

diff --git a/fs/ecryptfs/mmap.c b/fs/ecryptfs/mmap.c

index 1e5d2ba..2e45513 100644

--- a/fs/ecryptfs/mmap.c

+++ b/fs/ecryptfs/mmap.c

```
@@ -238,7 +238,6 @@ int ecryptfs_do_readpage(struct file *file, struct page *page,  
    lower_page_data = kmap_atomic(lower_page, KM_USER1);  
    memcpy(page_data, lower_page_data, PAGE_CACHE_SIZE);  
    kunmap_atomic(lower_page_data, KM_USER1);  
- flush_dcache_page(lower_page);  
    kunmap_atomic(page_data, KM_USER0);  
    flush_dcache_page(page);  
    rc = 0;
```

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