

# Re: [PATCH] ecryptfs: check xattr operation support fix

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-02/msg10160.html>

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- *From:* Michael Halcrow <[mhalcrow@xxxxxxxxxx](mailto:mhalcrow@xxxxxxxxxx)>
  - *Date:* Wed, 28 Feb 2007 12:51:08 -0600
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On Wed, Feb 28, 2007 at 08:05:16PM +0300, Dmitriy Monakhov wrote:

- ecryptfs\_write\_inode\_size\_to\_metadata() error code was ignored.
- i\_op->setxattr() must be supported by lower fs because used below.

Signed-off-by: Monakhov Dmitriy <[dmonakhov@xxxxxxxxxx](mailto:dmonakhov@xxxxxxxxxx)>

Acked-by: Michael Halcrow <[mhalcrow@xxxxxxxxxx](mailto:mhalcrow@xxxxxxxxxx)>

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-----
fs/ecryptfs/inode.c | 6 +++----
fs/ecryptfs/mmap.c | 3 ++-
2 files changed, 5 insertions(+), 4 deletions(-)

diff --git a/fs/ecryptfs/inode.c b/fs/ecryptfs/inode.c
index 27fd14a..9ccefad 100644
--- a/fs/ecryptfs/inode.c
+++ b/fs/ecryptfs/inode.c
@@ -168,9 +168,9 @@ static int grow_file(struct dentry *ecryptfs_dentry, struct file
*lower_file,
goto out;
}
i_size_write(inode, 0);
- ecryptfs_write_inode_size_to_metadata(lower_file, lower_inode, inode,
- ecryptfs_dentry,
- ECRYPTFS_LOWER_I_MUTEX_NOT_HELD);
+ rc = ecryptfs_write_inode_size_to_metadata(lower_file, lower_inode,
+ inode, ecryptfs_dentry,
+ ECRYPTFS_LOWER_I_MUTEX_NOT_HELD);
ecryptfs_inode_to_private(inode)->crypt_stat.flags |= ECRYPTFS_NEW_FILE;
out:
return rc;
diff --git a/fs/ecryptfs/mmap.c b/fs/ecryptfs/mmap.c
index 1e5d2ba..416985f 100644
--- a/fs/ecryptfs/mmap.c
+++ b/fs/ecryptfs/mmap.c
```

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```
@@ -491,7 +491,8 @@ static int ecryptfs_write_inode_size_to_xattr(struct inode
*lower_inode,
goto out;
}
lower_dentry = ecryptfs_dentry_to_lower(ecryptfs_dentry);
- if (!lower_dentry->d_inode->i_op->getxattr) {
+ if (!lower_dentry->d_inode->i_op->getxattr ||
+ !lower_dentry->d_inode->i_op->setxattr) {
printk(KERN_WARNING
"No support for setting xattr in lower filesystem\n");
rc = -ENOSYS;
```

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