

# [PATCH] ecryptfs: check xattr operation support fix

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

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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
@@ -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) {
```

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```
printk(KERN_WARNING  
"No support for setting xattr in lower filesystem\n");  
rc = -ENOSYS;
```

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1.5.0.1

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