
Subject: [PATCH 16/25] elevate writer count for do_sys_truncate()

Posted by [Dave Hansen](#) on Mon, 11 Dec 2006 22:30:13 GMT

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Signed-off-by: Dave Hansen <haveblue@us.ibm.com>

lxc-dave/fs/open.c | 16 ++++++++-----
1 file changed, 11 insertions(+), 5 deletions(-)

```
diff -puN fs/open.c~15-24-elevate-writer-count-for-do-sys-truncate fs/open.c
--- lxc/fs/open.c~15-24-elevate-writer-count-for-do-sys-truncate 2006-12-11 14:22:07.000000000
-0800
+++ lxc-dave/fs/open.c 2006-12-11 14:22:07.000000000 -0800
@@ -241,28 +241,32 @@ static long do_sys_truncate(const char _
    if (!S_ISREG(inode->i_mode))
        goto dput_and_out;

- error = vfs_permission(&nd, MAY_WRITE);
+ error = mnt_want_write(nd.mnt);
    if (error)
        goto dput_and_out;

+ error = vfs_permission(&nd, MAY_WRITE);
+ if (error)
+     goto mnt_drop_write_and_out;
+
+ error = -EROFS;
+ if (IS_RDONLY(inode))
-     goto dput_and_out;
+     goto mnt_drop_write_and_out;

    error = -EPERM;
    if (IS_IMMUTABLE(inode) || IS_APPEND(inode))
-     goto dput_and_out;
+     goto mnt_drop_write_and_out;

    /*
     * Make sure that there are no leases.
     */
    error = break_lease(inode, FMODE_WRITE);
    if (error)
-     goto dput_and_out;
+     goto mnt_drop_write_and_out;

    error = get_write_access(inode);
    if (error)
-     goto dput_and_out;
```

```
+ goto mnt_drop_write_and_out;

error = locks_verify_truncate(inode, NULL, length);
if (!error) {
@@ -271,6 +275,8 @@ static long do_sys_truncate(const char _
}
put_write_access(inode);

+mnt_drop_write_and_out:
+ mnt_drop_write(nd.mnt);
dput_and_out:
path_release(&nd);
out:
-

```

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