
Subject: [patch 10/22] make access() use mnt check
Posted by [Cedric Le Goater](#) on Thu, 07 Jun 2007 15:25:37 GMT
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From: Dave Hansen <hansendc@us.ibm.com>

It is OK to let access() go without using a mnt_want/drop_write() pair because it doesn't actually do writes to the filesystem, and it is inherently racy anyway. This is a rare case when it is OK to use __mnt_is_readonly() directly.

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

fs/open.c | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

Index: 2.6.22-rc4-mm2-robindmount/fs/open.c

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--- 2.6.22-rc4-mm2-robindmount.orig/fs/open.c

+++ 2.6.22-rc4-mm2-robindmount/fs/open.c

@@ -483,7 +483,7 @@ asmlinkage long sys_faccessat(int dfd, c
special_file(nd.dentry->d_inode->i_mode))
goto out_path_release;

- if(IS_RDONLY(nd.dentry->d_inode))
+ if(__mnt_is_readonly(nd.mnt))
res = -EROFS;

out_path_release:

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