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Subject: [PATCH 20/25] elevate mnt writers for vfs\_unlink() callers  
Posted by [Dave Hansen](#) on Mon, 11 Dec 2006 22:30:16 GMT  
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Signed-off-by: Dave Hansen <haveblue@us.ibm.com>

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lxc-dave/fs/namei.c | 4 ++++  
lxc-dave/ipc/mqueue.c | 5 ++++-  
2 files changed, 8 insertions(+), 1 deletion(-)

```
diff -puN fs/namei.c~19-24-elevate-mnt-writers-for-vfs-unlink-callers fs/namei.c
--- lxc/fs/namei.c~19-24-elevate-mnt-writers-for-vfs-unlink-callers 2006-12-11 14:22:10.000000000
-0800
+++ lxc-dave/fs/namei.c 2006-12-11 14:22:10.000000000 -0800
@@ -2177,7 +2177,11 @@ static long do_unlinkat(int dfd, const c
     inode = dentry->d_inode;
     if (inode)
         atomic_inc(&inode->i_count);
+ error = mnt_want_write(nd.mnt);
+ if (error)
+     goto exit2;
     error = vfs_unlink(nd.dentry->d_inode, dentry);
+ mnt_drop_write(nd.mnt);
exit2:
    dput(dentry);
}
diff -puN ipc/mqueue.c~19-24-elevate-mnt-writers-for-vfs-unlink-callers ipc/mqueue.c
--- lxc/ipc/mqueue.c~19-24-elevate-mnt-writers-for-vfs-unlink-callers 2006-12-11
14:22:10.000000000 -0800
+++ lxc-dave/ipc/mqueue.c 2006-12-11 14:22:10.000000000 -0800
@@ -749,8 +749,11 @@ asmlinkage long sys_mq_unlink(const char
     inode = dentry->d_inode;
     if (inode)
         atomic_inc(&inode->i_count);
-
+ err = mnt_want_write(mqueue_mnt);
+ if (err)
+     goto out_err;
     err = vfs_unlink(dentry->d_parent->d_inode, dentry);
+ mnt_drop_write(mqueue_mnt);
out_err:
    dput(dentry);
```

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