
Subject: [patch 11/22] elevate mnt writers for callers of vfs_mkdir()
Posted by [Cedric Le Goater](#) on Thu, 07 Jun 2007 15:25:38 GMT
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From: Dave Hansen <hansendc@us.ibm.com>

elevate mnt writers for callers of vfs_mkdir()

Pretty self-explanatory. Fits in with the rest of the series.

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

```
fs/namei.c          | 5 +++++
fs/nfsd/nfs4recover.c | 4 ++++
2 files changed, 9 insertions(+)
```

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

=====

```
--- 2.6.22-rc4-mm2-robindmount.orig/fs/namei.c
+++ 2.6.22-rc4-mm2-robindmount/fs/namei.c
@@ -2023,7 +2023,12 @@ asmlinkage long sys_mkdirat(int dfd, con
```

```
    if (!IS_POSIXACL(nd.dentry->d_inode))
        mode &= ~current->fs->umask;
+ error = mnt_want_write(nd.mnt);
+ if (error)
+ goto out_dput;
    error = vfs_mkdir(nd.dentry->d_inode, dentry, mode);
+ mnt_drop_write(nd.mnt);
+out_dput:
    dput(dentry);
out_unlock:
    mutex_unlock(&nd.dentry->d_inode->i_mutex);
```

Index: 2.6.22-rc4-mm2-robindmount/fs/nfsd/nfs4recover.c

=====

```
--- 2.6.22-rc4-mm2-robindmount.orig/fs/nfsd/nfs4recover.c
+++ 2.6.22-rc4-mm2-robindmount/fs/nfsd/nfs4recover.c
@@ -156,7 +156,11 @@ nfsd4_create_clid_dir(struct nfs4_client
    dprintk("NFSD: nfsd4_create_clid_dir: DIRECTORY EXISTS\n");
    goto out_put;
}
+ status = mnt_want_write(rec_dir.mnt);
+ if (status)
+ goto out_put;
    status = vfs_mkdir(rec_dir.dentry->d_inode, dentry, S_IRWXU);
+ mnt_drop_write(rec_dir.mnt);
```

```
out_put:  
  dput(dentry);  
out_unlock:
```

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