Subject: [PATCH 08/25] elevate mnt writers for callers of vfs_mkdir()
Posted by Dave Hansen on Mon, 11 Dec 2006 22:30:07 GMT
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Signed-off-by: Dave Hansen <haveblue@us.ibm.com>
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 lxc-dave/fs/namei.c | 5 +++++
 lxc-dave/fs/nfsd/nfs4recover.c | 4 ++++
 2 files changed, 9 insertions(+)

```
diff -puN fs/namei.c~07-24-elevate-mnt-writers-for-callers-of-vfs-mkdir fs/namei.c
--- lxc/fs/namei.c~07-24-elevate-mnt-writers-for-callers-of-vfs-mkdir 2006-12-11
14:22:01.000000000 -0800
+++ lxc-dave/fs/namei.c 2006-12-11 14:22:01.000000000 -0800
@@ -1959,7 +1959,12 @@ 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);
diff -puN fs/nfsd/nfs4recover.c~07-24-elevate-mnt-writers-for-callers-of-vfs-mkdir
fs/nfsd/nfs4recover.c
--- lxc/fs/nfsd/nfs4recover.c~07-24-elevate-mnt-writers-for-callers-of-vfs-mkdir 2006-12-11
14:22:01.000000000 -0800
+++ lxc-dave/fs/nfsd/nfs4recover.c 2006-12-11 14:22:01.000000000 -0800
@@ -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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