
Subject: [patch 18/22] nfs: check mnt instead of superblock directly

Posted by [Cedric Le Goater](#) on Thu, 07 Jun 2007 15:25:45 GMT

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fs/nfs/dir.c | 3 ++-

fs/nfsd/vfs.c | 4 +++-

2 files changed, 4 insertions(+), 3 deletions(-)

Index: 2.6.22-rc4-mm2-robindmount/fs/nfs/dir.c

```
=====
--- 2.6.22-rc4-mm2-robindmount.orig/fs/nfs/dir.c
+++ 2.6.22-rc4-mm2-robindmount/fs/nfs/dir.c
@@ -998,7 +998,8 @@ static int is_atomic_open(struct inode *
     if (nd->flags & LOOKUP_DIRECTORY)
         return 0;
     /* Are we trying to write to a read only partition? */
-    if (IS_RDONLY(dir) && (nd->intent.open.flags & (O_CREAT|O_TRUNC|FMODE_WRITE)))
+    if (__mnt_is_readonly(nd->mnt) &&
+        (nd->intent.open.flags & (O_CREAT|O_TRUNC|FMODE_WRITE)))
         return 0;
     return 1;
}
```

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

```
=====
--- 2.6.22-rc4-mm2-robindmount.orig/fs/nfsd/vfs.c
+++ 2.6.22-rc4-mm2-robindmount/fs/nfsd/vfs.c
@@ -1811,7 +1811,7 @@ nfsd_permission(struct svc_export *exp,
     inode->i_mode,
     IS_IMMUTABLE(inode)? " immut" : "",
     IS_APPEND(inode)? " append" : "",
-    IS_RDONLY(inode)? " ro" : "");
+    __mnt_is_readonly(exp->mnt)? " ro" : "");
     dprintk("    owner %d/%d user %d/%d\n",
        inode->i_uid, inode->i_gid, current->fsuid, current->fsgid);
#endif
@@ -1822,7 +1822,7 @@ nfsd_permission(struct svc_export *exp,
    */
    if (!(acc & MAY_LOCAL_ACCESS))
        if (acc & (MAY_WRITE | MAY_SATTR | MAY_TRUNC)) {
-        if (EX_RDONLY(exp) || IS_RDONLY(inode))
+        if (EX_RDONLY(exp) || __mnt_is_readonly(exp->mnt))
            return nfserr_rofs;
        if (/* (acc & MAY_WRITE) && */ IS_IMMUTABLE(inode))
```

```
return nfserr_perm;
```

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