

# Troubleshooting Samba / Cifs share Permissions

## Cifs share doesn't preserve permission configuration in smb.conf (755 instead of 777)

There are two options that can help 'save the day': *dir\_mode* and *file\_mode*. (placeholders in green italics)

Setting both these to 0777 gives full permissions that the host smb server allows for the user in question.

```
sudo mount -t cifs -o rw,username=yourusername,dir_mode=0777,file_mode=0777 //share/directory  
~/mnt/local/directory
```

Or if it s in your fstab file:

```
//192.168.1.234/Sharename /mnt/local/directory cifs  
username=yourusername,dir_mode=0777,file_mode=0777,password=yourpassword 0 0
```

Sources:

<https://www.linuxquestions.org/questions/linux-newbie-8/permission-denied-on-file-operations-on-mounted-cifs-share-4175661393/>

<https://superuser.com/questions/784362/cifs-share-doesnt-preserve-permission-configuration-in-smb-conf-775-instead-of>

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