

On the server side setting up Samba

Get updated

```
sudo apt update  
sudo apt upgrade
```

Install Samba

```
sudo apt-get install samba
```

Make your share directory

```
mkdir /home/pi/gcode_share
```

Set directory permissions

```
chmod 777 /home/pi/gcode_share
```

Edit Samba config file

```
sudo nano /etc/samba/smb.conf
```

Paste this at the bottom of the file

```
[gcodeshare]  
comment=This is my gcode share  
path=/home/pi/gcode_share  
browseable=yes  
guest ok=yes  
read only=no  
create mask=0777  
directory mask=0777  
force create mode=0777  
force directory mode=02777  
force user=pi
```

Now reboot:

```
sudo reboot now
```

On the client side, get the mount/share setup

Get updated

```
sudo apt update  
sudo apt upgrade
```

Make sure CIFS is installed:

```
sudo apt-get install cifs-utils
```

Make directory to hold share:

```
mkdir /home/pi/gcode_share
```

Set share permissions:

```
sudo chmod 777 /home/pi/gcode_share
```

Manually mount the share:

```
sudo mount //192.168.x.x/gcodeshare /home/pi/gcode_share -o password=
```

Make share available on reboot:**Edit FSTAB**

```
sudo nano /etc/fstab
```

Enter mount in fstab

```
//192.168.x.x/gcodeshare /home/pi/gcode_share cifs defaults,username=pi,uid=1000,gid=1000
```

Check permissions file for uid and gid if you need to:

```
cat /etc/passwd
```

Now reboot:

```
sudo reboot now
```