

Install Samba server

```
apt-get install samba smbfs
```

After installation, modify the `/etc/samba/smb.conf` file and set up your file shares.

Find this section in the file:

```
##### Authentication #####
# "security = user" is always a good idea. This will require a Unix
account
# in this server for every user accessing the server. See
# /usr/share/doc/samba-doc/htmldocs/Samba-HOWTO-Collection/ServerType.html
# in the samba-doc package for details.
; security = user
```

Uncomment the security line, and add another line to make it look like this:

```
security = user
username map = /etc/samba/smbusers
```

This will set Samba to use the `smbusers` file for looking up the user list.

Create a Samba User

There are two steps to creating a user. First we'll run the `smbpasswd` utility to create a samba password for the user.

```
sudo smbpasswd -a <username>
```

Next, we'll add that username to the `smbusers` file.

```
sudo vim /etc/samba/smbusers
```

Add in the following line, substituting the username with the one you want to give access to. The format is `<ubuntuusername> = "<samba username>"`. You can use a different samba user name to map to an ubuntu account, but that's not really necessary right now.

```
<username> = "<username>"
```

Now you can create samba shares and give access to the users that you listed here.

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