

# Samba File Server

## Installation

1. `apt-get install samba samba-common cups smbclient`

2. Add user to list of samba users:

```
smbpasswd -a user
```

3. Check whether samba user has been created with:

```
pdbedit -L -v
```

4. Change/verify the following entries in `/etc/samba/smb.conf` under `[global]`:

```
workgroup = yourworkgroup
server role = standalone server
map to guest = bad user
```

5. Add the following entries in `/etc/samba/smb.conf` under `[global]` below `workgroup`:

```
server string = Samba Server %v
netbios name = machinename
security = user
```

6. Modify entries under `[homes]`. This allows home directories to be shared read-only, with “user” having read/write access:

```
browseable = yes
read only = yes
write list = user
create mask = 0600
directory mask = 0700
```

7. Set up a file space share under `[yourshare]` which is named “yourshare”.

1. Restart samba or the 2 samba services:

```
/etc/init.d/samba restart
systemctl restart nmbd.service
systemctl restart smbd.service
```

## Useful commands

- Find computers and shares on the network:

```
smbtree -b -N
smbtree -b -U user%passwd
smbclient -L machinename [user]
smbstatus --shares
```

- Connect a share:

```
smbclient //machine/share -U user%passwd
```

## Links

- [Samba Standalone Server Installation on Debian 9 \(Stretch\)](#)
- [samba securing shares](#)
- [smb.conf](#)

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