

# Create a Public Samba Share on Ubuntu 17.04 / 17.10 – Website for Students

This brief tutorial shows students and new users how to create a public Samba shares on Ubuntu server so everyone can access without authenticating. This share will be fully accessible to all and everyone will be able create, modify and delete folders and files.

Then in our next post we'll show you how to create restricted shares so only authenticated users can access.

For those who don't know, Samba is a opensource implementation of Microsoft SMB/CIFS protocol. It provides fast and secure files and print services for clients using the SMB/CIFS protocol. Simply put, it provides files and printer sharing between clients and servers.

To get started with creating a public share that can be fully accessed by everyone, continue with the steps below:

## Step 1: Install Samba

The first thing you'll need to do is install Samba. To install it run the commands below.

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

The commands above install Samba and all other dependencies.

## Step 2: Create the Share

First, create the folder you want to share with the public. The folder can be anywhere but set its permission so that everyone can access it. For this this tutorial, our share will be **/home/Public**

Run the commands below to create the folder you wish to share.

```
sudo mkdir /home/Public
```

Then set the share permission so everyone has full access to it.

```
sudo chmod 0777 /home/Public
sudo chown -R nobody:nogroup /home/Public
```

### Step 3: Configure Samba

Now that Samba is installed, you must now configure it to provide file and print services to clients. This can be done by editing its default configurations file. First create a backup of the configuration file by running the commands below.

```
sudo mv /etc/samba/smb.conf /etc/samba/smb.conf.bak
```

Next, run the commands below to open/create a new configuration file.

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

Then add the content below into the file and save. Our share will be called Public as defined in the setting below [Public]

```
[global]
workgroup = WORKGROUP
server string = Samba Server %v
netbios name = ubuntu
security = user
map to guest = bad user
name resolve order = bcast host
dns proxy = no
bind interfaces only = yes
```

```
# add to the end
```

```
[Public]
  path = /home/Public
  writable = yes
  guest ok = yes
  guest only = yes
  read only = no
  create mode = 0777
  directory mode = 0777
  force user = nobody
```

Save the file and exit

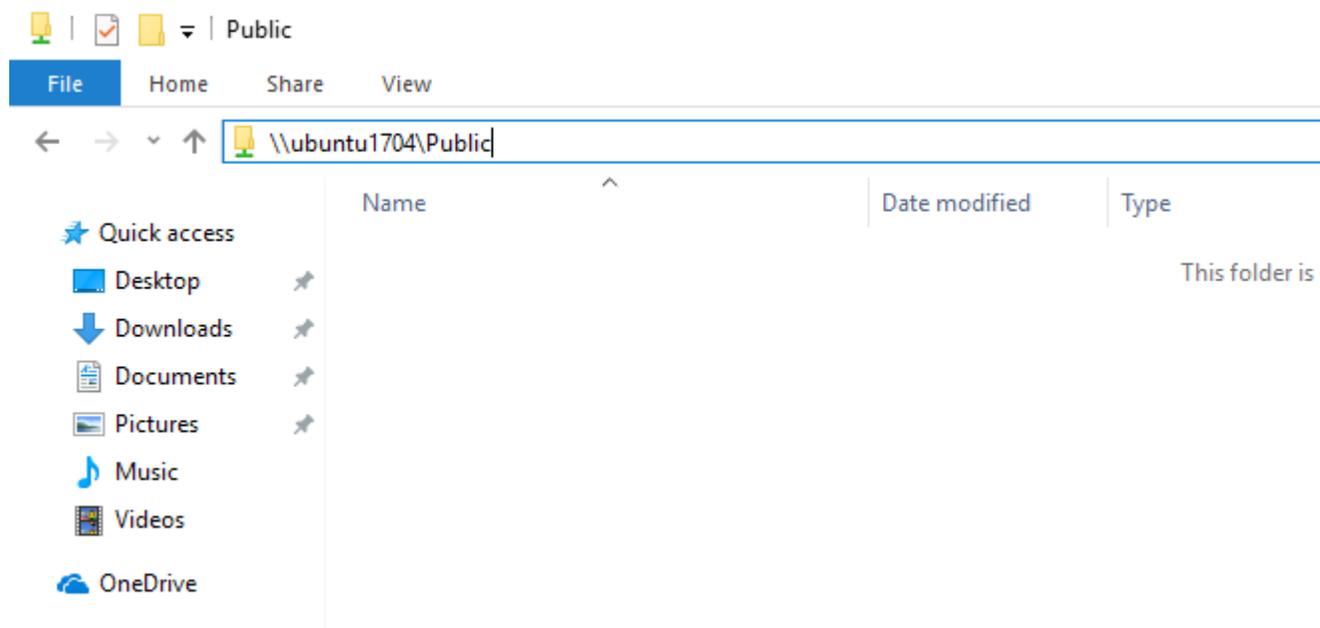
### Step 4: Restart Samba

After configuring the setting above, restart Samba by running the commands below.

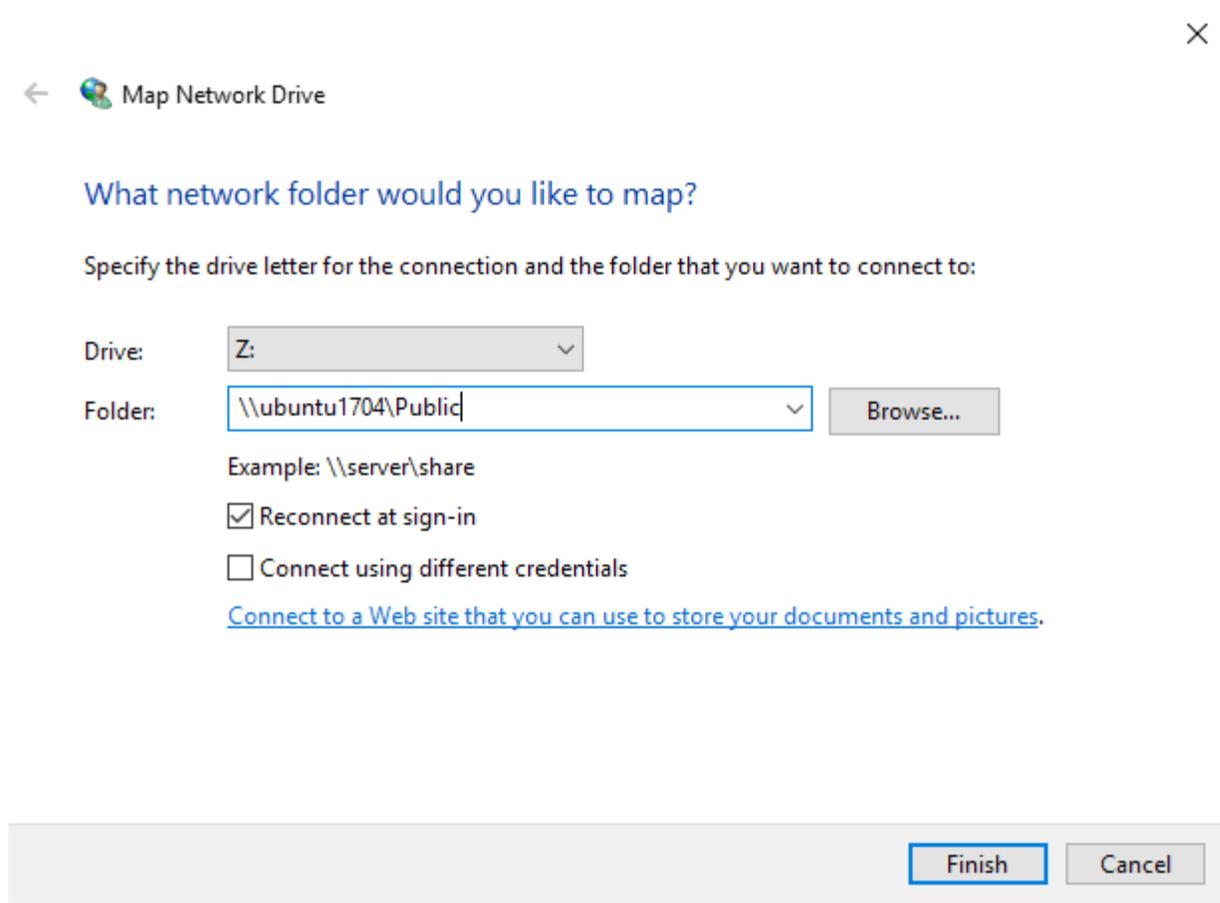
```
sudo systemctl restart smb
```

## Step 5: Access the Share

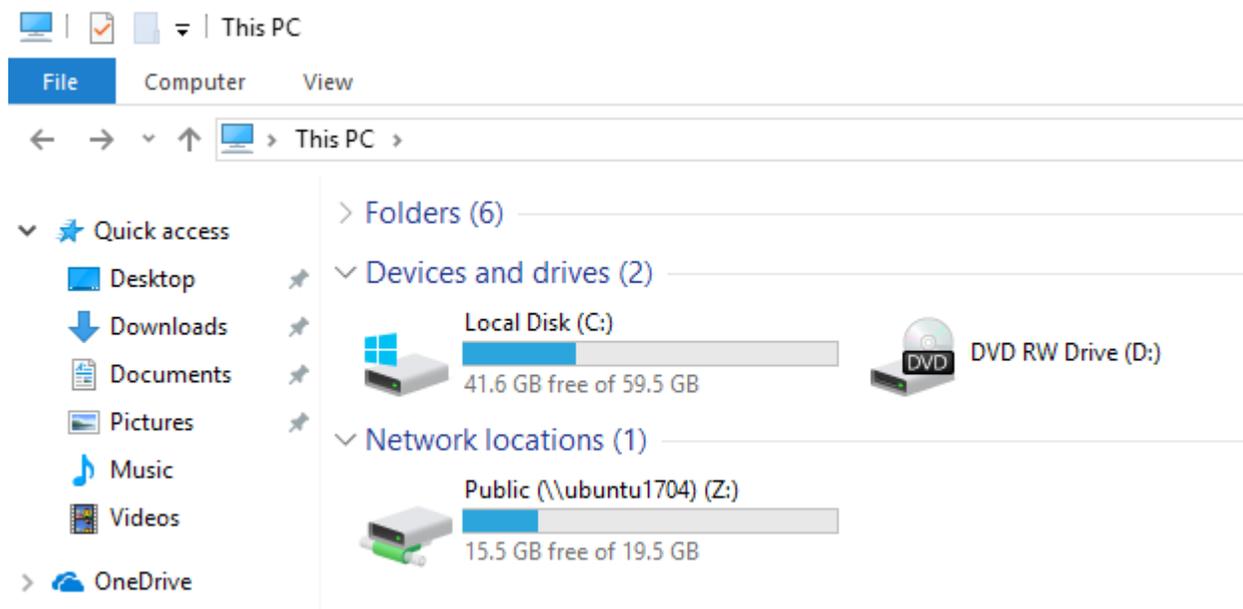
Now log on to your other computers and access or map the share using the Ubuntu machine name or IP address.



You can map the location if you'd like



Enjoy!



You may also like the post below:

[Setup OpenSSH Password Authentication on Ubuntu 17.04 / 17.10](#)

## **About The Author**

### **!robot**

This post was not created by a robot! My name is Richard and spend my spare time searching for ways to help students and new users get to know and understand Linux, Ubuntu, Windows, and Open Source software. I try to write every article as simple-to-understand as possible so anyone can easily follow. This site is dedicated to IT students and new users who want to learn about these subjects. Thanks!