

samba

The word "samba" is written in a bold, italicized, blue font with a yellow outline and a red drop shadow. A large, black, double-headed arrow is superimposed over the word, pointing both upwards and downwards.

What is Zumba

Samba: a bunch of programs that provide stable + secure file and printing services (also file transfer)

- across both Windows & Linux/Unix
- uses SMB protocol (Server Message Block)
 - similar to FTP client-server model (request stuff)
- runs on port 445 (so make sure you allow it!)
- May be used as a different server (Domain Controller :ooooo)

How to Set up

1. Install samba (no way)
2. Set up a share for peeps in the smb.conf file
3. Harden it!

Step 1

sudo apt install samba

create a directory in /mnt called sambashare

- doesn't HAVE to be called this but just for reference so you know

this creates a directory that the share can refer to when you make it

Step 2

go edit /etc/samba/smb.conf
at the end of the file add this:

[sambashare]

- comment = Samba on Ubuntu
- path = /mnt/sambashare (or [insert_name])
- read only = no
- browseable = yes

sudo service smbd restart

Brief Summary of smb.conf

A lot of stuff: printers, homes, global, shares, personalized configs

- [global] configures behavior of server for all local users (as a whole)
- [homes] connects clients to home directories
- [printers] same as homes but w/ printers

what you added is just another share that peeps can access

Configs Explained

- write ok: allows stuff to be edited (writeable)
- read only: self-explanatory
- valid users: specifies group (@) or users allowed to log in
- guest ok: password not needed to access share (public vs private)
- browseable: can explore stuff within share
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How to Test

run **testparm** after you finish configuring everything

- if nothing pops up you should be a-ok

you can also add random files and stuff and make a samba user to make sure the perms work

BUT THERE'S ALWAYS MORE SO RESEARCH