



# **Introduction to Samba**

## General Description

- ❑ Suite of Unix apps that provides secure and stable file and print services, mostly used for file sharing
  - ❑ Follows SMB protocol (Server Message Block)
  - ❑ Useful for sharing files between Windows and Linux
- ❑ Windows equivalent - Active Directory (network shares) and Domain Controller (security auth)
- ❑ Runs on port 445



## **General Setup of Network Share**

1. Install Samba (duh 4head)
2. Make share folder on server
3. Configure `/etc/samba/smb.conf`
4. Setup user accounts w/ passwords
5. Access via a file manager

## Configuration

- ❑ Config file is `/etc/samba/smb.conf`
  - ❑ Many parts: homes, printers, global, shares, personalised share configs
    - ❑ [global] configures behavior of server
    - ❑ [printers] goes over printers
    - ❑ [shares] configure file shares, [homes] and personalized are same but just more specific
  - ❑ Many options shared by the sections
    - ❑ comment, path, browseable, read only